Since 1983

Kasegaon Education Society's

RAJARAMBAPU INSTITUTE OF TECHNOLOGY
An Autonomous Institute
Kasegaon Education Society's

RAJARAMBAPU INSTITUTE OF TECHNOLOGY
An Autonomous Institute

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

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For MBA : +91 2342 226488, 9970700810
e mail : director@ritindia.edu

www.ritindia.edu
Kasegaon Education Society is one of the leading educational organisations in the Western Maharashtra. It was established in 1945 by Late Shri. Rajarambapu Patil, the leading statesman. Considering the need of time, the Society focused its attention on taking the education to the threshold of the rural masses. The Society started schools in the 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 responsibility of Kasegaon Education Society. Shri Jayant Patil took the Society with time, diversifying its educational facilities. Today the Society has 31 primary & secondary schools and 15 higher educational institutes under its roof. This includes mainly three arts, commerce & science colleges, three information technology institutes, an engineering college, a polytechnic, a management institute, a nursing institute and a pharmacy college.

The Society has been conferred with prestigious award like ‘Dr. Babasaheb Ambedkar Dalitmitra Puraskar’, ‘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 be a landmark development of the Society as well as an instrument for expanse of its horizon.
Welcome to RIT

Did you know?

An Autonomous Institute
Affiliated Shivaji University, Kolhapur

Ranked 7th across Maharashtra

Since 1983
More than 3 Decades of Excellence in Technical Education

26
Institute has 26 Provisionally Registered Patents

7 UG & 5 PG Programmes are Accredited / Reaccredited.

75th all over India
More then 70 MoUs With Different Renowned Institutes across India

4 MoUs
Abroad with Foreign Universities.

Ranked

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Abroad with Foreign Universities.

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Ranked
Vision
Transformation of young minds into competent engineers to face global challenges.

Mission
To offer the state of art technical education programmes to shape promising engineers with requisite skills, knowledge, research aptitude, values and ethics ensuring rewarding careers.

Goals
- To attain the status of academic autonomy and deemed University within next five years.
- To develop Center of Excellence in each department in specified areas leading to research, consultancy and Ph.D. programmes.
- To strengthen Industry-Academic interaction to bridge the gap between theory & practice.
- Strategic alliance with reputed Institutes and Universities in India and overseas.
- To promote community development through technology awareness & transfer.
- To develop high quality graduates for Research, employment & entrepreneurship.
- To be amongst first ten most preferred institutes in Maharashtra.
- To attract, retain & develop competent faculty as per cadre ratio.

Quality Policy
We are committed to impart quality education in engineering & management keeping in mind global trends and the needs of the industry in a rapid changing environment.

Core Values
- Practice what we preach
- Honesty and sincerity
- Fairness and equality
- Co-operation
- Joy of learning
- Each one can excel
Our Programmes Allow you to Specialise in the Following Areas

<table>
<thead>
<tr>
<th>Programmes @ RIT</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Programmes</strong></td>
</tr>
<tr>
<td><strong>UG (B. Tech.)</strong></td>
</tr>
<tr>
<td>Automobile Engineering</td>
</tr>
<tr>
<td>Civil Engineering</td>
</tr>
<tr>
<td>Computer Science &amp; Engineering</td>
</tr>
<tr>
<td>Electronics &amp; Tele Communication Engineering</td>
</tr>
<tr>
<td>Electrical Engineering</td>
</tr>
<tr>
<td>Information Technology</td>
</tr>
<tr>
<td>Mechanical Engineering</td>
</tr>
<tr>
<td><strong>PG (M. Tech.)</strong></td>
</tr>
<tr>
<td>M. Tech. Electronics Engineering</td>
</tr>
<tr>
<td>M. Tech. Mechanical - Production Engineering</td>
</tr>
<tr>
<td>M. Tech. Civil - Structural Engineering</td>
</tr>
<tr>
<td>M. Tech. CAD/CAM/CAE</td>
</tr>
<tr>
<td>M. Tech. Automobile Engineering</td>
</tr>
<tr>
<td>M. Tech. Civil – Construction Management</td>
</tr>
<tr>
<td>M. Tech. Electrical - Power System</td>
</tr>
<tr>
<td><strong>PG (Management Studies) M.B.A</strong></td>
</tr>
<tr>
<td>120</td>
</tr>
<tr>
<td><strong>Diploma in 2nd Shift</strong></td>
</tr>
<tr>
<td>Automobile Engineering</td>
</tr>
<tr>
<td>Civil Engineering</td>
</tr>
<tr>
<td>Electrical Engineering</td>
</tr>
<tr>
<td>Mechanical Engineering</td>
</tr>
<tr>
<td><strong>Ph. D. Programs</strong></td>
</tr>
<tr>
<td>Civil Engineering</td>
</tr>
<tr>
<td>Electronics Engineering</td>
</tr>
<tr>
<td>Mechanical Engineering</td>
</tr>
</tbody>
</table>
Greetings!

It gives me immense pleasure to share with you about Rajarambapu Institute of Technology. RIT focuses on our Quality Policy of imparting quality education to students and to lead in technical education through involvement & empowerment of our faculty by creating joyful learning centred environment.

We deem it as our joy and solemn responsibility by endeavouring to transform XII class students into professional engineers during the period of four formative years. We strive to ensure that students gain holistic set of skills along with technical knowledge and skills to equip them to address the real world. Faculty-members guide and monitor students by participating in their academic, research, sports & cultural pursuits. We desire and encourage our students to be committed, dedicated to their goals along with integrity and concern for the societal needs.

RIT is successful in spearheading the academic autonomy awarded by UGC and Shivaji University, Kolhapur. We strategically and prudently upgrade changes in curriculum and revisions as per the needs of advancement and changing scenario of industry resulting in soaring the global standards. We constantly motivate our faculty for continuous upgrade to provide and promote direction for future teaching-learning innovations. RIT has consistently produced excellent results and its alumni are rooted in distinguished organizations in India & overseas.

We passionately interact and dialogue with Industry through in plant training and live industry based projects. The Institute is funded under World Bank Project named 'Technical Education Quality Improvement Program' (TEQIP II) with funding to the tune of Rs. 4 crore for PG Programmes and Research driven by innovation. Innovative activities like QEEE live classes, a Direct to Student Program through webinars by highly rated IIT Professors are being organised throughout the academic year.

Inspired by the thoughts of Vigyan Ashram, PABAL, our students initiated RIT SPEED an official wing of Community & Social Responsibility (CSR). Through this our students demonstrate engineering and technological solutions to the problems faced in the society. A number of the programmes are accredited and reaccredited by NBA, AICTE, New Delhi.

The quality, not the longevity of one’s life is what is important. Quality means doing it right when no one is looking. Quality is not an act, it is a habit. Without change there is no innovation, creativity, or incentive for improvement. Those who initiate change will have a better opportunity to manage the change that is inevitable. If these are the values you believe in, RIT will steer you to expand your potential and dreams!

Dr. Sushma S. Kulkarni
Board of Governors

Hon. Shri. Bhagatsingh Rajaram Patil  
Industrialist Chairman

Hon. Shri. Jayant Rajaram Patil  
Former Minister, Rural Development Minister, Maharashtra State Member

Hon. Shri. Shamrao P. Patil  
President, Kasegaon Education Society, Kasegaon, Member

Hon. Shri. Shamrao D. Patil  
Chairman, Rajarambapu Co-operative Bank Ltd., Peth, Member

Hon. Shri. Ramchandra D. Sawant  
Secretary, Kasegaon Education Society, Kasegaon, Member

Hon. Dr. U. Chandrasekhar  
Secretary & Director General, The Institute of Engineers (India), Kolkata, Member

Hon. Shri. Vivek Sawant  
Managing Director, Maharashtra Knowledge Corp. Ltd, Pune Member

Dr. M. P. Ravindra  
Former Vice Chancellor, Manipal International University, Petaling Jaya, Selangor, Malaysia Member

Hon. Dr. D. N. Nandanwar  
Joint Director, Regional Office, Directorate of Technical Education, Pune Member

Hon. Prof. H. N. Agarwal  
U.G.C. Nominee

Shri. Amit B. Kalyani  
Executive Director, Bharat Forge Limited, Pune Member

Prof. Rajan D. Padval  
Teaching Staff Representative, Member

Prof. Sandip Anandrao Thorat  
Teaching Staff Representative, Member

Dr. Martand T. Telsang  
Teaching Staff Representative, Member

Dr. Mrs. Sushma Shekhar Kulkarni  
Director, R.I.T. Rajaramnagar, Member Secretary

Hon. Shri. Vivek Sawant  
Managing Director, Maharashtra Knowledge Corp. Ltd, Pune Member

Shivaji University, Kolhapur Nominee Member

Under Process
Deans & HODs

Deans

Dr. Martand Tamanacharya Telsang
  Dean - Academic
Dr. Suresh Maruti Sawant
  Dean - Student Development
Dr. Abdul rashid Chand Attar
  Dean - Quality Assurance
Mr. Prakash Mahadeo Mohite
  Dean - Infrastructure
Dr. Anandrao Bajirao Kakade
  Dean - Research & Development
Dr. Hanamant Shamrao JadHAV
  Dean - Diploma Wing
Mr. Rajan Dhondiram Padval
  Registrar

Head of Departments

Mr. Santosh Ramchandra Patil
  HoD Automobile Engineering
Mr. Dhananjay Subhashrao Patil
  HoD Civil Engineering
Dr. Nagaraj V. Dharwadkar
  HoD Computer Science & Engineering
Mr. Satyawan Ramchandra Jagtap
  HoD Electronics & Telecommunication Engineering
Dr. Himmat Tukaram Jadhav
  HoD Electrical Engineering
Mrs. Savita Prashant Patil
  HoD Information Technology
Dr. Sanjaykumar Shankarrao Gawade
  HoD Mechanical Engineering
Mr. Dhananjay Ganapati Thombre
  HoD Science & Humanities
Dr. Nishikant Bohra
  HoD Master of Business Administration
Mrs. Jagatap Ashwini Mahesh
  HoD Science & Humanities (Diploma 2nd Shift)
Mr. Raju Savanta Mali
  HoD Automobile Engineering (Diploma 2nd Shift)
Mr. Mayur Madhukar Maske
  HoD Civil Engineering (Diploma 2nd Shift)
Mr. Vinay Baburao Choudhari
  HoD Mechanical Engineering (Diploma 2nd Shift)
Dr. Popat Dattatraya Kumbhar
  HoD Controller of Examination
Mr. Prashant Pralhad Deshpande
  HoD - CIIEED
Mr. Prakash Mohanrao Jadhav
  HoD Training & Placement
Mrs. Swati Narendra Kekhalekar
  Library
Mr. Baliram Rajaram Jadhav
  Workshop
Mr. Ramrao Sadanand Patil
  HoD Computer Center
Mr. Sandip Shamrao Patil
  HoD Gymkhana
Mr. Sanjaykumar S. Gawade
  Rector

Head of Programs

(M. Tech.)

Mr. DurgeshKumar Shrikant Chavan
  Mechanical - Design Engineering
Dr. Sachin Krishnath Patil
  Mechanical - Production Engineering
Prof. Sudhindra Narayan Jalwadi
  CAD/CAM/CAE
Dr. Sharad Dattatray Patil
  Mechanical - Heat Power Engineering
Mr. Dattatraya Balkrushna Kulkarni
  Civil - Structural Engineering
Mr. Dhananjay Subhashrao Patil
  Civil - Construction Management
Dr. Mahadev Satappa Patil
  Electronics Engineering
Mr. Ramesh Tukaram Patil
  Electronics - Digital Systems
Prof. Arun Rajaram Thorat
  Electrical - Power Systems
Dr. Sanjay Dnyanu Yadav
  Automobile Engineering
Mr. Amol Chandrakant Adamuthe
  Computer Science & Engineering
An Autonomous Institute since 2011-2012.

All UG & Five PG programmes are accredited/reaccredited by NBA as on today.

Institute has signed MoU for TEQIP (Technical Education Quantity Improvement Program) Phase II with project funding of Rs. 4.00 Crore from the World Bank through Ministry of Human Resource Development (MHRD), New Delhi.

Permanent affiliation of all UG courses to Shivaji University, Kolhapur.

International students under PIO quota have taken admissions to UG engineering programmes, i.e. B.Tech. and MBA program.

Accredited by Institution of Engineers (India), Kolkata.

Accredited by Tata Consultancy Services (TCS).

Infosys Campus Coannect programme to provide computer and soft skills.

Excellent computer center with softwares worth Rs. 1.50 Crore.

In 2013-14, We received fund of Rs. 30 lakhs under “Fund for Improvement of Science & Technology Infrastructure in Universities and Higher Educational Institutions (FIST)” from Department of Science & Technology (DST).

RIT has a dedicated R&D cell to nurture the research, innovation, and entrepreneurship skills. Institute has 25 provisionally registered patents.

RIT has received grants worth Rs. 1.5 Crore in last three years from AICTE, DST and industries and five products are in the final phase of commercialization. We have established Centre for Innovation, Incubation and Entrepreneurship Development (CIIED).

3rd International Conference on Transformations in Engineering Education (ICTIEE-2016) is organized on 8-10th January, 2016 by IUCEE, COE, Pune and RIT.

Round the year webinars from IUCEE (Indo-US Collaboration for Engineering Education). IUCEE was conceptualized by over 150 leaders of Engineering Education and business from USA and India. Enjoying status of regional chapter and organized Online Webinars, Conferences, Workshops & Expert lectures through Indo-US chapter.

Talent pipeline project with Bharat Forge Ltd., Pune

11 MoUs with Industries, Research Organizations and Universities in India and 4 abroad. Some prominent among these US Universities are Massachusetts Lowell, Purdue University and Lawrence Technological University.

RIT bagged Sustainable Institute Industry Partnership (SIIP) 2014 award for engineering college at IIT, Chennai conferred by SEED i.e. Sustainable Engineering Entrepreneurship Development organization.

Life Institutional Membership of The Institution of Engineers (India) is granted to RIT on 12th December, 2014.

Our Alumni are spread all over the world and we publish RIT Communique’s an alumni newsletter quarterly.

RIT organizes IIT-MHRD sponsored webinars by IIT, Powai.

RIT is moving ahead following Outcome based Teaching Learning Process and Innovative Practices as per NBA guidelines.

## NBA Accreditation History

<table>
<thead>
<tr>
<th>Level</th>
<th>Programme</th>
<th>Year of Starting</th>
<th>Accreditation Status A/NA/PA</th>
<th>NBA Accreditation Visits</th>
</tr>
</thead>
<tbody>
<tr>
<td>UG</td>
<td>Civil Engineering</td>
<td>1991</td>
<td>A/A</td>
<td>2003/2013</td>
</tr>
<tr>
<td>UG</td>
<td>Computer Science and Engineering</td>
<td>1999</td>
<td>A/A</td>
<td>2007/2013</td>
</tr>
<tr>
<td>UG</td>
<td>Information Technology</td>
<td>2001</td>
<td>PA</td>
<td>2013</td>
</tr>
<tr>
<td>UG</td>
<td>Electrical Engineering</td>
<td>2004</td>
<td>PA</td>
<td>2013</td>
</tr>
<tr>
<td>PG</td>
<td>Electronics Engineering</td>
<td>2002</td>
<td>A/PA</td>
<td>2009/2014</td>
</tr>
<tr>
<td>PG</td>
<td>CAD/CAM/CAE</td>
<td>2009</td>
<td>PA</td>
<td>2015</td>
</tr>
<tr>
<td>PG</td>
<td>Automobile Engineering</td>
<td>2010</td>
<td>PA</td>
<td>2015</td>
</tr>
<tr>
<td>PG</td>
<td>Civil - Construction Management</td>
<td>2010</td>
<td>PA</td>
<td>2015</td>
</tr>
</tbody>
</table>
DEPARTMENT OF AUTOMOBILE ENGINEERING

Vision
To provide highly competent, efficient manpower to meet the ever-changing needs of the global automotive industry and the society.

Mission
To impart quality education and training to the students of the department, so that they will be well equipped with domain knowledge and skills in the field of automotive engineering and management, along with positive attitude and respect for moral values.

Programmes Offered

<table>
<thead>
<tr>
<th>Programme</th>
<th>Year of Establishment</th>
<th>Intake Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>UG - Automobile Engineering</td>
<td>1983</td>
<td>60</td>
</tr>
<tr>
<td>PG - Automobile Engineering</td>
<td>2010</td>
<td>18</td>
</tr>
</tbody>
</table>

Faculty Strength

Professor 01
Associate Professors 01
Assistant Professors 19

Programme Educational Objectives UG

- Graduate shall pursue successful career in automotive and ancillary industry, domain of design, testing and diagnostics that meet the needs of global companies.
- Graduate shall lay solid foundation of automotive engineering and engineering in general; in order to pursue higher education/certifications and research interests.
- Graduate shall generate employment by being an entrepreneur.
- Graduate shall serve public/private transport organization and offer services in sectors like insurance, sales & marketing etc.
- Graduate shall contribute to the society in general by becoming professional engineer and responsible citizen of the nation.

Programme Educational Objectives PG

- Students will apply knowledge of automotive engineering & practices to pursue successful career in the field of automotive technology.
- Students will contribute to the academics and research for socio-technological development.
- Students will demonstrate lifelong learning skills by engaging in professional activities and up-gradation of knowledge quotient.

List of Laboratory

- Automotive Research & Diagnostic Centre
- Automobile Power Plant
- Automobile Maintenance Lab
- Automotive Transmission Lab
- Automobile Emission Lab
- Automobile Electrical & Electronics Lab
- Body Engineering Lab
- Automobile Chassis Lab
- Fuels & Combustion Lab
- Automotive Research Centre

List of Software

- Altair Hyperworks V10.0
- Software ‘CarSim’
- MATLAB
- ANSYS
- CATIA

Notable Sponsored Projects

The department has thirty-seven notable projects sponsored by various industries in last five years from which 10 are UG and 27 are PG projects.

Programs Organised

- The department annually organises two days national level technical symposium KHYMÉRA.
- The department participates in BAJA SAE series.
- The department actively participates in activities by ARAI, Pune.
- Every year the department celebrates Engineers’ Day.
- Also, the department organizes workshops, trainings, and conferences for faculty as well as students.
- The department conducts various competitions under QUANTUM, an institute level national technical event.

Faculty Achievements

Prof. S.R. Kumbhar received SHIKSHA RATTAN PURASKAR in December 2013 from India International Friendship Society, at New Delhi.
Books Published

LAP Lambert Academic Publishing, AV Akademikerverlag Gmbh & Co. KG, Germany has published the following texts by the department faculty:

Satyajit Patil
Development Of ERP System For A Small Scale Industry
A Case Study On Design And Development Of Production Module
For A Small Scale Industry

S. D. Yadav & S.S. Mantha
Design And Development Of Decelerometer – Brake Testing

S. R. Kumbhar, Dr. S. S. Gawade, & Bimlesh Kumar
Electrorheological Fluid Damper For Road Vehicle Suspension System

Rajaram Shinde, Lalitkumar Jugulkar, & Prabhakar Maskar
CATIA Training Resource Material - CATIA V5 CAD

S. R. Kumbhar, S. T. Satpute, & Dr. S. D. Yadav
I. C. Engine Testing - Laboratory Experiments

Research Publications

Faculty members of the department publish their research papers in international & national journals & conferences. Details of last five years are as follows:

<table>
<thead>
<tr>
<th>Category</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>International Journals</td>
<td>89</td>
</tr>
<tr>
<td>National Journals</td>
<td>20</td>
</tr>
<tr>
<td>International Conferences</td>
<td>48</td>
</tr>
<tr>
<td>National Conferences</td>
<td>16</td>
</tr>
</tbody>
</table>
Student Achievements

- First rank in Hybrid Go-Kart Challenge 2014 (HGC’14) organized by Imperial Society of Innovative Engineers (ISIE) held at Coimbatore on January 27-29, 2015.
- Akshay Dashwant (M Tech Automobile) and Prof. Satyajit Patil won first prize for their paper at National Conference on Mechanical engineering, Material Sciences and Mechatronics’ organised by VIT, Pune on February 20, 2015.
- Mr. Thorat Dhanjay (B. Tech. Auto.) has received winner in ‘Quizzilla’ at Avishkar 2k15, a national level technical symposium held on 25th and 26th February 2015, at Government College of Engineering, Karad.
- Mr. Ajay Deshmukh (B. Tech. Automobile) had received runner up in ‘Quizzilla’ at Avishkar 2k15, a national level technical symposium held on 25th and 26th February 2015, at Government College of Engineering, Karad.
- Team NEQUIT successfully participated in student formula racing competition SUPRA SAE India 2015.
- SAE INDIA FOUNDATION AWARD WINNER - Final Year B.Tech student Mr. Akshay Dilip Chavan (Captain Team NEQUIT) received Prof. B.S. Murthy award for his work in engine emission and control.

Student Association
Automobile Engineering Students Association

- KHYMERA – A Two-Days SAE Western Region and University Level Technical Symposium is organized successfully under Lead College Scheme every year. It comprises events like Sync the skill, Brain Teaser, Cast Away, Lathe Busters, Lan Gaming, and Treasure Hunt. The symposium witnesses participation of students from across Maharashtra in various events.
- The guest lecturers from various industries are invited & Industrial visits (CIRT, ARAI, etc.) are planned for students every year.
Society Of Automobile Engineers (SAE) RIT

Team "NEQUIT" of Rajarambapu Institute of Technology actively participated in Student Formula Racing named "SUPRA" organized by SAE INDIA. Team has successfully manufactured vehicle with a support from BHARAT FORGE. The main event of SUPRA was conducted on one of the world-famous tracks of racing i.e. Madras Motor Race Track (MMRT) during 15th to 19th July, 2015. Following are the achievements of Team NEQUIT.

- Team was able to secure All India Rank (AIR) of 44 out of 167 teams.
- Team got nomination for Best pit management award.
- Team member Miss Nilima Patil got nomination for girls participation award.
- SAE RIT Collegiate club conducts poster competition named “MY DREAM CAR” on occasion of Engineers day. Students from First year to final year participate in competition and present their dream car poster to judges and visitors.

Services Extended by the Department (Consultancy, etc.)

- Two wheeler & four wheeler Performance Testing
- Noise & Vibration Testing
- I. C. Engine Testing
- Emission Measurement
- Wheel Alignment & Wheel Balancing
- Vehicle Valuation
- Component & System Testing

Achievements of the Department

- UG Programme three times accredited by NBA of AICTE, New Delhi, Govt. of India.
- PG Programme has been accredited three times by NBA of AICTE, New Delhi, Govt. of India.
- Project proposal worth Rs. 8.25 Lakhs was sanctioned under Research Proposal Scheme (RPS) by AICTE, New Delhi in 2011.
- Project proposal worth Rs. 6.21 Lakhs was sanctioned under MODROBS scheme by AICTE, New Delhi in 2011.
Vision
Develop competent Civil Engineers to offer excellent professional and community services regionally and globally.

Mission
To inculcate knowledge based Civil Engineering education amongst the graduates to empower them with necessary skills and values required for higher education, research and industry for their comprehensive acceptance at global level.

Programme Educational Objectives UG
- Achieve high level technical expertise to succeed in all positions in Civil engineering practices and research
- Pursue higher studies to foster their learning and understanding in an ever widening sphere of technology
- Sustain latest practices in analysis, design, construction techniques, project management and entrepreneurial ability
- Exhibit high ethical standards, professionalism, leadership and commitment through life-long learning

Programme Educational Objectives PG (Civil Structural Engineering)
- Analyze and design various civil engineering structures optimally and effectively by applying concepts of structural engineering through analytical techniques, experimentation and simulations with the use of modern engineering tools.
- Develop habit of critical thinking independently to analyze complex socio-industry problems and communicate feasible solutions, through research to people at large.
- Establish as a professional practitioner with ethical approach, communication skills, and team work and adapt to recent trends by engaging in lifelong learning.

Programmes Offered

<table>
<thead>
<tr>
<th>Programme</th>
<th>Year of Establishment</th>
<th>Intake Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>B.Tech. in Civil Engineering</td>
<td>1983</td>
<td>60</td>
</tr>
<tr>
<td>M.Tech. in Civil-Structural Engineering</td>
<td>2004</td>
<td>24</td>
</tr>
<tr>
<td>M.Tech. in Construction Management</td>
<td>2010</td>
<td>18</td>
</tr>
<tr>
<td>Ph.D in Civil Engineering</td>
<td>2008</td>
<td></td>
</tr>
</tbody>
</table>

Faculty Strength
- Professors: 04
- Associates Professors: 03
- Assistants Professors: 16

Programme Educational Objectives PG (Civil Construction Management)
- Practice as a professional practitioner and a manager, capable of achieving needed sustainability and economic objectives through ethical practices and social responsibility.
- Succeed in construction management careers emphasizing applications of construction management principles with the ability to solve broad range of problems in construction
- Acquire, Apply, and communicate latest knowledge and tools for construction industry and technical institutes in the desired form through lifelong learning.
Laboratories at the Department

- We have 13 laboratories for UG & PG of the Total cost of Lab is Rs. 1,74,87,139.00 with sophisticated equipments like Total Station, GIS/GPS, UTM (100T cap.), Digital Ultrasonic Concrete Tester, Core Cutter, Triaxial Outfit, Motorised with Electronic Measurement, Direct shear apparatus, Marshal Stability Test Apparatus, Loading Frame, Compression Testing Machine (300T), IEICOS shaker table, SPL laboratory CBR Test Apparatus etc.
- All laboratories are used for academic, research & consultancy purpose.

List of Software

We have various softwares like STAAD-Pro, SAP/ETAB 2000, STRAP, Primavera, Opticon edu plus software, M S Projects, Arc GIS Master etc. which are useful to UG & PG students.

Services Extended by the Department

The department earns round about Rs. ten lakh per year from consultancy like third party inspections, structural consultancy etc.
Prominent Features of the Department
- Qualified faculties (06 faculty awarded Ph.D. & 06 are registered.)
- Department has well equipped and advanced laboratories with sophisticated equipments.
- 12 MoU's are signed with renowned industries/organizations.
- 50% M. Tech. projects are sponsored by industry.

Major Achievements of the Department
- Department received accreditation by National Board of Accreditation for UG (Civil) & PG (Civil Construction Management), New Delhi.
- Faculty publications are in renowned journals.
- 04 faculties are recognized as Ph.D. guide.
- UG & PG student have received awards/prizes in various curricular and extra-curricular activities.

Student Association
Civil Engineering Student Association (CESA) was established in 1999 with an objective to create a friendly environment among all the students and faculty and to create awareness among the students about moral and values. The platform provided by CESA helps the students to present their knowledge and skills at various levels. CESA conducts annually a national level technical symposium named as “Vaastu”, along with this it organises guest lecturers. CESA plans site visits. For the overall development of students we are conducting many extra-curricular activities like sports events and training programs. The department also encourages students to participate in competitions outside by sanctioning traveling allowance/participation fee etc.
Industry Institute Interaction
Various Government, semi-government and private agencies like BASF India Ltd., Pune; HCC Co., Ltd., Mumbai; CSIR – National Institute of Oceanography, Goa; ESSAR Steel India Ltd., Gujarat; Stewols India Pvt. Ltd., Nagpur; Primer City, Pune; MEC Consultant, Andheri Mumbai; B. G. Shirke Construction Technology PVT.LTD Pune; Terasoft Web Services & Software Solution Ahmednagar; Minor Irrigation Department, Govt. of Maharashtra; Indian Railway (Western zone), Churchgate; Kashec Engineers Pvt. Ltd, Pune; etc. are sponsoring/training our UG & PG students for completion of their projects.

Faculty Achievements
Awards
● 16 faculty received Performance Award

Special Programmes Attended
● 175 programs attended by faculty in last five years

Visits
● 31 Industrial visits carry out by faculty

Books Published
● 05 monograms are published in last five years

Ph. D.s
● 06 faculty awarded Ph.D.s

Research and Consultancy
● 03 faculty have sanctioned Research projects with sanctioned amount Rs. 38.5 Lakhs

Research Publications
● 197 papers published in various national and international journals and conferences
Vision
Be a center of excellence in the computer science and engineering discipline with a strong teaching and research environment striving for employability and entrepreneur skills.

Mission

- To inculcate teaching and learning process promoting state-of-the-art knowledge in computer science, engineering and technology to address global challenges.
- To integrate research, academics, business practices and innovative solutions to address present and future challenges.
- To develop professionalism with strong foundations adapting to changing technology.

Programmes Offered

<table>
<thead>
<tr>
<th>Programme</th>
<th>Year of Establishment</th>
<th>Intake Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>UG</td>
<td>60</td>
<td>1999</td>
</tr>
<tr>
<td>PG</td>
<td>18</td>
<td>2011</td>
</tr>
</tbody>
</table>

Faculty Strength

- Associates Professors 02
- Assistants Professors 14

Programme Educational Objectives UG

- Graduates will utilize their expertise to solve engineering and social problems.
- Graduate will be prepared for their careers in development, architects, IT consultant, system/network administrators.
- Graduate will have the background and perspective necessary to pursue higher studies and to become entrepreneur.
- Graduates will function in their profession with social awareness and responsibility.

Scope of Employment

Under-graduate students are eligible for various Job Profiles in IT Industries such as System Engineer, Software Designer, Software Developer, Software Tester, Network Engineer, Operational Manager, and Project Manager. PG programme make students eligible for above mentioned job profiles in IT Industries and also enable them to select career in teaching profession or research.

Programme Educational Objectives PG

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

List of Laboratory

Department of Computer Science & Engineering has advanced laboratories with ICT facilities, also with well equipped and advanced specifications, some of the prominent laboratories are like Linux, REDHAT, CUDA, Web Development and Oracle.

List of Software

With the current IT demands almost all labs in the department are well equipped with many licensed software namely Enlitor 3.0, Mandrake Linux 10.0, Oracle 11 G, Studio MX, Maya 6.5, Camtasia Studio.
Programs Organized by the Department

For Updating in key areas the department organizes many technical programs frequently like workshops, Guest Lectures, Seminars by inviting resource persons from NIT’s and IIT’s and other reputed colleges and industries.

Notable Workshops Organised By the Department

- Workshop on Mobipreneur (Android workshop)
- The workshop on “Ethical Hacking and Cyber Security”
- The workshop on “Cloud Computing and Virtualization”
- Technical event Technosphere 2K15

Faculty Achievements

- Mr. Amol Adamuthe (Asst. Professor, CSE) received “Best Paper Award” for his research paper entitled “Forecasting Computational Technologies using Trend Projection and Growth Curves”
- Department of CSE has been selected as a CUDA Teaching Center 2013 by NVIDIA Corporations
- Prof. S.S. Patil presented online webinar under IUCEE on paper at BVB Hubli conference on “Technology Enhanced Teaching Learning using palm devices”.

Student Achievements

Students of the department often participate in various state, national, and international events and have won many prizes and received awards.

Some notable awards like

- Mr. Shashikant Ghanga received 2nd Prize in Robotryst-2013 at National Level event held at IIT Bombay.
- Mr. Aibhav Maske received 1st Prize at university level Network security Workshop.
- Our PG Student Ms. Mubina Nadaf received “Best Paper Award” for their research paper entitled “Performance Evaluation Of Clustering Technical Support Requests Using Modified Approaches In K-Mean Algorithm.”

Student Association

Department of computer science and engineering has its own independent student association recognized as “CSESA” (Computer Science and Engineering Student Association) Solely run by students under this association various cultural and educational activities.

Some of the prominent activities are as follows:

- Aptitude Tests
- Sportacular
- Spandhan
- Technosphere
- Workshops / Guest Lectures / Seminars
Prominent Features of the Department
- Twice reaccredited by NBA.
- Faculty members have published more than 50 papers in International Journals, International and National Conferences in last three years. Awarded with best paper.
- CUDA Teaching Center with NVIDIA Technologies & Aneka Cloud Lab.
- Competitive Exam Guidance Cell working for preparation on GATE, GRE, TOFEL Examination.
- In-house Seed Funding Projects undergone by faculty and students funded 25000/- by RIT
- Department has good industry-Academia relationship.

Major Achievements of the Department
- MoU with Infosys and CDAC for staff and student training.
- MoU with REDHAT & ORACLE for Certifications.
- Tie-ups with reputed Industries and Institutions.
- Department accredited by TCS, Pune.

Notable Sponsored Projects
Students of Computer Science department often receive sponsored projects from various IT Companies like Persistent systems & Null Object Technologies.
Vision
Develop globally competent electrical engineers to serve future needs and challenges of the society.

Mission
To impart technical education and research skills in close interaction with industry and society for the development of young minds, sensitive to ethical and environmental issues.

Programmes Offered

<table>
<thead>
<tr>
<th>Programme</th>
<th>Year of Establishment</th>
<th>Intake Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>UG</td>
<td>2004</td>
<td>60</td>
</tr>
<tr>
<td>PG (Power Systems)</td>
<td>2011</td>
<td>18</td>
</tr>
</tbody>
</table>

Faculty Strength

- Associates Professors: 01
- Assistants Professors: 15

Programme Educational Objectives UG

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

Programme Educational Objectives PG

- Provide graduates with an outstanding education and the advanced skills and background in technical-related areas to further their career aspirations;
- To strengthen the knowledge in the domain of power system engineering and thereby enhance the employability of the graduates in public/private organization and institutes.
- To develop the graduates who have the ability to identify and address current problems in the domain of Electrical engineering also to inculcate research attitude and lifelong learning among the graduates.

Laboratory Details

- Basic Electrical Lab
- Switchgear & Protection Lab
- Electrical Machines Lab
- Power Electronics & Drives
- Project Lab UG / PG
- Electrical Measurement Lab
- Microprocessor & Microcontroller Lab
- Applied Electronics Lab
- Control System Lab

Software Details

- MATLAB
- Mi-Power Software
- Orcad
- Turnitin 2
- SKM Power Too
- PLC SCADA
- ETAP
Sponsored Projects

23 industry sponsored projects in the areas like Control System, Power System, Power Electronics, and Energy Sector carried out in last three years.

Industry-Institute Interaction

Seven MOUs signed with different industries for joint efforts in R&D, Lab development, training faculties & students, providing consultancy. The department has industrial advisory board also the department included industrialist as a member of Board of Studies.

Faculty Achievements

Prof. H. T. Jadhav has been awarded Ph.D degree by SVNIT Surat during 2016. The title of thesis is “Probabilistic Approach to Economic Dispatch of Power Plant and Optimal Power Flow of Power Systems Incorporating Wind Power and V2G Source”.

Industrial Visits

The students regularly visit industries like Integrated Electricals, Kaiga Power Station Karnataka, HVDC System Mumbai, etc.
Prominent Features of the Department
- Most of the faculties from IIT’S & NIT’S.
- All Labs are well equipped with modern equipments and state of art.
- All leading software’s required for electrical Graduates are available.
- More focus on competitive exams like GATE/GRE/TOFEL.
- Good Placement opportunities in core and IT Company.
- More emphasis given on Project work simulation & Hardware for effective learning

Major Achievements of the Department
- Seven students qualified in GATE 2016.
- Students participation in student exchange programs organized by IIT Bombay.
- Department has developed two commercial Products.
- Research Publication of Staff & PG Students.
- Most of the alumni are working in top positions in Government sector and well knows industries.
Services Extended by the Department
The department provides consultancy in third party inspection of electrification and testing. It provides laboratory facility neighbouring technological institutes. It also helps in erecting new laboratories. The department is also providing assistance to IIT Bombay to carry energy audit of AG feeder of Kolhapur Zone.

Research Publication
Faculty of the department published 25 research papers in National and International journals, and have also presented 64 research papers in national and international conferences.

Student Association
Department of Electrical Engineering has its own independent student association known as “EESA” (Electrical Engineering Students Association). This association organizes various cultural and educational activities throughout the year for overall development of the students. Some of the prominent activities are as follows:
- Soft - skills development programs
- Quiz Competitions
- Enthuse - A national level Technical event for Electrical Engineers
- Aptitude Tests
- Workshops / Guest Lectures / Seminars
Programme Educational Objectives UG

- Establish successfully as an engineer in electronics, communication and allied industries
- Become responsive to community needs
- Conduct with high ethical standards in profession
- Pursue higher studies to foster learning and understanding in an ever widening sphere of technology and management
- Expand knowledge and capabilities through lifelong learning experiences

Programme Educational Objectives PG

- Establish successfully as an engineer in electronics and allied industries
- Demonstrate competency to work as an effective teacher
- Pursue research to foster learning and understanding in an ever widening sphere of technology
- Become responsive to community needs and conduct with high ethical standards in profession and society
- Expand knowledge and capabilities through lifelong learning experiences

M. Tech Electronics (Digital Systems)

- Establish successfully as an engineer in electronics and allied industries
- Demonstrate competency to work as an effective teacher
- Pursue research to foster learning and understanding in an ever widening sphere of technology
- Become responsive to community needs and conduct with high ethical standards in profession and society
- Expand knowledge and capabilities through lifelong learning experiences

M. Tech Electronics

- Establish successfully as an engineer in electronics and allied industries
- Demonstrate competency to work as an effective teacher
- Pursue research to foster learning and understanding in an ever widening sphere of technology
- Become responsive to community needs and conduct with high ethical standards in profession and society
- Expand knowledge and capabilities through lifelong learning experiences

Laboratory Details

- VLSI & Embedded System
- Communication, TV & Video
- Design
- Basic Electronics
- Linear Integrated Circuit
- Project
- Microprocessor & Microcontroller
- Transducer Measurement & Control
- Computer Networks
- Advanced Communication
- Industrial & Power Electronics
- Research

Software Details

- MATLAB
- NI Lab View
- Orcad
- CAD FEKO
- Tanner EDA Tool
- Commsim 2001
- Qualnet
- VisSim Embedded Developer
- Active HDL
- PROTEUS VSM
- Tina 8 design suit
- Mathematica
- Multisim
- SCARM- Compiler
Sponsored Projects
27 sponsored projects in the areas like control system, embedded system, neural networks, wireless & wired communication, biomedical signal processing & instrumentation carried out in last three years

Industry-Institute Interaction
10 MoUs signed with industries for joint efforts in R&D, Lab development, training of faculties & students, providing consultancy. Formation of industrial advisory board & inclusion of industrialist as a member of board of studies for updating curriculum.

Student Association
Department of Electronics & telecommunication engineering has its own independent student association recognized as "EESA" (Electronics and Telecommunication Engineering Students Association) totally under the control of elected student President. This association organizes various cultural and educational activities throughout the year for overall development of the students.

Some of the prominent activities are as follows

- ETRON – A national level Technical event for E&TC engineers
- TI Analog maker - National level circuit design competition sponsored by Texas Instruments India
- Aptitude tests
- Workshops / Guest Lectures / Seminars
- RLC Cup – Intra-college cricket tournament.
Prominent Features of the Department

- Dedicated, highly qualified, competent & hardworking faculty and technical staff
- Re-accreditation of UG and PG program by National Board of Accreditation (NBA), New Delhi
- Recognized Ph.D. centre of Shivaji University, Kolhapur
- Leading MNCs visit for campus placement
- Eight Funded projects worth Rs.33 lacs
- Many students are pursuing higher studies in premier institutes of India and in foreign universities
- Students Exchange Program under IUCCE
- Sponsored Laboratories by Texas Instruments
- Student chapters of professional societies like IETE, ISTE
- Competitive Exam Guidance Cell prepares students for GATE, GRE, TOFEL examination

Major Achievements of the Department

- UG program succeeded in attaining reaccreditation twice in the years 2007 and 2013 by NBA Delhi.
- The Electronics PG program was accredited in 2009 and attained reaccreditation in 2014.
- The department is recognized as Ph.D research center by Shivaji University, Kolhapur since 1999.
- Successfully completed RPS Project (8.55 lakhs) and two MODROB projects (18 lakhs).
- Testing facility with a Network Analyzer has been set up and the professors and students from the surrounding areas are availing it.
- 10 MoUs have been signed with reputed companies to establish Industry Institute Interaction.

Faculty Achievements

Our 4 faculty members have been awarded Ph.D by renowned institutes like IIT Kharagpur, Shivaji University, Kolhapur, etc.

Research Publication

Our faculties have published 16 research papers in International journals, Presented 35 research papers in international & 29 research papers in national conferences in the year 15-16.
Awards & Honours
- Prof. M R Jadhav has successfully completed IUCEE International Engineering
- Prof. Mrs. J. S. Awati has received “Indira Gandhi Sadbhavna Gold Medal Award”
- Prof. M. S. Kumbhar Secretary, ISTE, RIT, Chapter received ISTE Best Chapter Award for Maharashtra & Goa Section.
- Prof. R. T. Patil selected as IETE Secretary, Kolhapur Sub-center.
- Prof. M. R. Jadhav has been certified by Microsoft as Microsoft Certified Educator.

Student Achievements
- Sourabh Kulkarni is pursuing his M.S. in Electrical and Computer Engineering (ECE) at the University of Massachusetts, Amherst.
- Mr. Ajinkya Patil represented RIT in IUCEE SPEED Global Student Forum-2014 organized by American University in DUBAI
- Five member team from T.Y. was adjudged as the winners in the “Texas Instruments India Analog Maker Competition 2014”

Patents Filed

<table>
<thead>
<tr>
<th>Inventor/s</th>
<th>Title</th>
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<tbody>
<tr>
<td>Dr. A. B. Kakade</td>
<td>I. An apparatus for preparing curd</td>
</tr>
<tr>
<td></td>
<td>II. Vibration Massager</td>
</tr>
<tr>
<td></td>
<td>III. System and method for detection of adulterated milk</td>
</tr>
<tr>
<td></td>
<td>IV. Weed Removal System and Method</td>
</tr>
<tr>
<td>Dr. A. B. Kakade, Prof. B. S. Shete, R. P. Hajare &amp; Prof. M. S. Kumbhar</td>
<td>An apparatus for heart blockage diagnosis</td>
</tr>
<tr>
<td>Ms. S. S. Desai</td>
<td>Tracking system for vehicles with people flow management</td>
</tr>
<tr>
<td>Prof. (Mrs.) J. S. Awati</td>
<td>Automatic agricultural chemical sprayer</td>
</tr>
<tr>
<td>Prof. S. R. Jagtap</td>
<td>Electronic Geometric compasses</td>
</tr>
<tr>
<td>Dr. M. S. Patil</td>
<td>Electronic Baby cradle</td>
</tr>
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Student Name

<table>
<thead>
<tr>
<th>Year</th>
<th>Category</th>
<th>Rank</th>
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<tbody>
<tr>
<td>2012-13</td>
<td>Medical &amp; Pharmacy</td>
<td>University level-3rd rank</td>
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<tr>
<td>2012-13</td>
<td>Engineering &amp; Technology</td>
<td>University level-1st rank</td>
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<tr>
<td>2012-13</td>
<td>Agriculture</td>
<td>University level-2nd rank</td>
</tr>
<tr>
<td>2014-15</td>
<td>Engineering &amp; Technology</td>
<td>University level-1st rank</td>
</tr>
</tbody>
</table>

Mr. Santosh Patil
Ms. Swapnali Desai
Ms. Ujjwala Borate
Mr. Sanket Mane
Vision
To be a graduate school of choice for education in the division of Information Technology, serve as a valuable resource for IT industry and society and support to advance research.

Mission
The mission of B. Tech IT program is to offer high quality education through industry oriented curriculum, innovative teaching and learning practices, contemporary infrastructure, exposure to professional practice and research training to produce well-grounded graduates with lifelong learning abilities.

- To provide curriculum that is in line with industry enabling students to be industry oriented.
- To educate students for enhancing their cognitive skills and technical competence by adapting innovative pedagogies considering the needs of 21st century learners.
- To provide scholarly environment that enables students and staff to achieve personal and professional growth supported by leading edge facilities and build-up programs.
- To provide opportunities for students to practice professional and ethical responsibilities while addressing the social problems using IT skills.
- To support research through industry partnerships and contribute to advancement of knowledge in Information Technology and allied arenas.

Programmes Offered

<table>
<thead>
<tr>
<th>Programme</th>
<th>Intake</th>
</tr>
</thead>
<tbody>
<tr>
<td>UG Information Technology</td>
<td>60</td>
</tr>
</tbody>
</table>

Programme Educational Objectives

- Procure gainful employment and practice successfully in the IT profession.
- Demonstrate independent thinking, professionalism and function effectively in team-orientated and open-ended activities in industry, business and society.
- Be updated and adapt to rapidly changing IT technologies through continuous learning and self-improvement.

IT Student Job Profile

- Software Engineer (Developer, Tester, Analyst, Architect, Integration, Designer, etc.)
- Database Administrator.
- IT Manager (Process, Project, Enterprise & Resource, Information Services, Business)
- Network and Communication Engineer.
- Research Fellow.

Faculty Strength

Assistant professor: 14

Books / Papers Published

<table>
<thead>
<tr>
<th>No. of Books</th>
<th>02</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. of Papers</td>
<td>45</td>
</tr>
</tbody>
</table>

Papers published in IEEE, Springer Conferences

Key Achievements

- Two years accreditation is awarded by National Board of Accreditation (NBA).
- The department got TCS accreditation in academic year 2010-11.
- Received permanent affiliation status from Shivaji University, Kolhapur.
- Total eleven students of department ranked in Shivaji University Merit List from year 2006-07 to 2012-13 including one gold medalist in year 2012-13.
- IT Department has Aakash Project Center in collaboration with IIT Bombay to test and enhance the use of tablets for teaching learning process in classroom.
- Information Technology department is working as a Remote Center for IIT Bombay for conducting ISTE workshops for empowering teachers of engineering colleges under National Mission on Education using ICT (NME-ICT) of MHRD.
- IT Department has conducted 12 workshops in collaboration with IIT Bombay for faculty trainings funded by MHRD.
- Started Student associations like Placement Club, Android Club.
- Started Professional Certification courses like Oracle certification and Red Hat Certification.
- Started CSI student Pune chapter to motivate professional activities in the department.
- Monthly news letter “InfoTech” started by the department to make society aware about latest updates in the IT field.
- Department Quality Circle team Received Distinguished award at National Convection on Quality Concepts held at SRM University, Chennai.
List of Laboratories
- Software Engineering Laboratory
- Advance Development Tool Laboratory
- Programming Laboratory
- Internet Technology Laboratory
- Operating System Laboratory
- Electronics Laboratory

List of Software
- Red Hat Linux Enterprise Server Edition with Media CD
- Microsoft SQL server 2012
- Oracle 11G Standard 5 ser license

MoUs with Industries
- Red Hat India Pvt. Ltd.
- ORACLE India Pvt. Ltd.
- Infosys Limited
- EMC2, Bangalore
- BlazeCLan Technologies Pvt. Ltd., Pune
- TCS, Pune
- GTT, Pune
- C-DAC, Pune
Industry Institute Interaction

- Professional Training: where the certification trainings like oracle, Red Hat, etc.
- Industry Visit: Our students visit around 20 companies like TCS, Pune Persistent Systems Ltd., L & T Infotech Pune, Hi Tech. Engg. Thane, Tech Mahindra Mumbai, IBM India Private Limited Bangalore etc. every year.
- Industrial Training: Faculties have undergone the industrial training to bridge the gap between institute and industry like Technofist Bangalore, Consistent System Pune, SEED Info Tech Ltd. Pune BSNL, Sangli

Workshops / Conferences / Training Programs Organized Recently

- ‘Aakash Android Application Programming for students” workshop was conducted by IIT Bombay for students.
- Institute, University and National level workshops on “Network Simulator 2”, “Ethical Hacking & Cyber Security” “NPTEL Awareness”, “Parikshak Tool”, “Scripting language PYTHON”, “Rudiments of PERL”

Student Association

The “ELITE” (Emerging Leaders of Information Technology) was started in the year 2010-11. It aims at motivating the students to organize and participate in curricular, co-curricular and extra-curricular activities. It helps the student for their overall development.

Under ELITE IT Department runs various activities for the students, like
- InfoTech Magazine
- Awards: Best Programmer, Best Idea Registered, Best Student of the Year, Best Outgoing Student.
- Events: Workshops, Open Discussion on Final Year B. Tech Project, National Level Technical Events, Social Activities, and Project Competitions.
Notable Achievements of the Students

- Red Hat Certification & Oracle Certifications (OCA, OCJA) of TY B.Tech students.
- Two students of the department have been shortlisted for "Global Student Forum Nov 2016 held at Seoul, South Korea".
- Increasing number of GATE exam qualified students.
- Project titled "Automated coin operated Paper Copier Machine" has been short listed for Zee 24 Taas "Young Innovator Awards".
- Won prizes in National Level Project Competitions.

Some of the Notable Industry Sponsored Projects

- "Implementing changes os-sec tool" by Persistent Systems Ltd, Pune.
- "Android Application for Blind People" sponsored by Jayant Netralaya, Islampur.
- "Decision support system on CRM using Data mining" sponsored by Prism Information Technology Limited, Pune.
- "Sales app for Salesperson" sponsored by REDIVIVUS Technologies Private Limited, Pune.
- "Context browser for Smartphone" sponsored by Quench Technologies, Pune.
- "Prediction Crops" sponsored by Persistent Technology, Pune.
Programme Educational Objectives UG

- Graduates will apply knowledge gained in engineering and science to improve lives and livelihoods through a successful career in Mechanical Engineering and other related fields.
- Graduates will become innovators, entrepreneurs to address social, technical, and business challenges.
- Graduates will be engaged in lifelong learning such as higher studies, research and other continuous professional development activities.

Programme Educational Objectives PG

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

- M. Tech (Production)
  - Graduates will apply knowledge of production engineering to pursue successful career in the field of Mechanical Engineering.
  - Graduates will become innovators, entrepreneurs, to design and develop manufacturing systems and academicians to address social, technical and business challenges.
  - Graduates will be engrossed in lifelong learning such as higher studies, research and other continuous professional development activities.

- M. Tech (CAD/CAM/CAE)
  - Graduates will apply knowledge of Computer aided design, simulation, manufacturing to pursue successful career in the field of Mechanical Engineering.
  - Graduates will become innovators, entrepreneurs, academicians and provide services to address technical, business and social challenges.
  - Graduates will be engrossed in lifelong learning such as higher studies, research and other continuous professional development activities.

Vision
To be a center of excellence in the field of Mechanical Engineering where quality education and research synergize.

Mission
To transform the students of the department into highly motivated and cultured engineers, technologists, researchers and entrepreneurs who will contribute to uplift the society in collaboration with industry and academia.

Programmes Offered

<table>
<thead>
<tr>
<th>Programme</th>
<th>Year of Establishment</th>
<th>Intake</th>
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</thead>
<tbody>
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<td>B.Tech. (Mechanical)</td>
<td>1987</td>
<td>120</td>
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</table>

Faculty Strength
Professor 04  Associate Professor 05  Assistant Professor 31
List of Laboratory
- Fluid Machines and Mechanics
- Theory of Machines
- Advanced Welding
- Mechatronics
- Vibration Lab
- Tribology Lab
- Thermodynamics Lab
- Heat Transfer
- Metrology and Quality Control
- Experimental Stress Analysis
- Foundry and Metallurgy Lab
- Refrigeration and Air-Conditioning
- Energy Engineering
- Mechanical Measurement and Control
- CAD Centre
- CAM Centre

List of Software
- UG NX 4.0 CAD/CAM/CAE Software
- MSC, Nastran & Patran
- Altair Hyper Works Suit 500 HWU
- PLM software package
- Abaqus Software
- Witness13 latest version
- ANSYS Intermedia Multi Physics Version 9.0
- Solid Works + COSMOS CAD & CAe Software

Notable Sponsored Projects
Notable UG students projects (UG/PG)
- Design & development of mechanical system for production of small sizes jiggery.
- GERBERA flower packing machine.
- Concept design and development Jilebi making machine.
- Study & Testing of Magnetic field on Diesel engine.
Notable PG students projects are as follows

- “Design of Automated storage and Retrieval system for Processed Cheese Cold Storage” was sponsored by TAL Manufacturing Solutions, Pune
- “Design of Spindle Bearing system to maximize static and dynamic stiffness for a high speed milling spindle” was sponsored by TAL Manufacturing Solutions, Pune
- “Design and Development of pallet storage tower for Engine assembly line of Engine block for heavy duty vehicle” was sponsored by Precision Automation & Robotics India Ltd., Pune
- “Line balancing of Assembly Line (AL) SL 90 Series Engine” was sponsored by Kirloskar Oil Engines Ltd.
- “Design and Development of Refrigeration Compressor for its Transport Worthiness for Freezer on Wheel (FOW) Application” was sponsored by Emerson Climate Technologies (India) Pvt. Ltd.
- “Design of rotor assembly with structural analysis of BB3 type multistage pump” was sponsored by Kirloskar Ebara Pumps Ltd.

Programs Organised by the Department

- “Short term training program on Advances in Manufacturing Technology”
- “RC Aircraft Design, Fabrication and Flying workshop”
- Role of Ethics in life
- “Advances in Vibration Engineering”
- “Hands on Design and Analysis of Experiments”
- RIT-National Conference for Engineering Post Graduate Students (RIT NConPG-15)

Industry Institute Interaction

Faculty of the Department has undergone trainings at

- Forbes Marshall Pune
- Reliance General Insurance, Navi Mumbai
- SAJ Test Plants, Hadapsar Pune
- Bosch Ltd., Pune
- CDAC, Bangalore
- Bharat Forge Ltd., Pune

Faculty Achievements

- Prof. Sharad D. Patil awarded degree of Doctor of Philosophy in Mechanical Engineering By IIT Kharagpur
- Prof. Dr. Sachin K. Patil awarded degree of Doctor of Philosophy in Mechanical Engineering By SVNIT Surat (Gujrat). He has recently received “Special Research Award” in Productivity Contest of 57th National Convention of IIIE and 3rd International Conference on Industrial Engineering at SVNIT Surat.
- Dr. Martand Tamannacharya Telsang, Dean Academic, Honored as the ‘Best Teacher’ in the college affiliated to the Shivaji University Kolhapur for the Year 2015 (Date: 18 November 2015)
Major Achievements of the Department
- Department has received more than Rs. 50 lakhs fund for the development of laboratory & research projects from various research funding agencies (AICTE, DST, FIST, MODROB)
- Department has Bagged Excellent Award in NCQC-2012 organized by Quality Circle Forum of India @ IIT, Kanpur
- Department has good record of student’s placements and higher studies.
- Successfully implemented Engineering Graphics with AutoCAD for first year B.Tech students.
- Remarkable improvement in research publications & patents
- Department has recently received accreditation for B.Tech Mechanical, M.Tech Design and M.Tech CAD/CAM/CAE programme from National Board of Accreditation (NBA)

Services Extended by the Department
Mechanical department extends consultancy and services through which it earns more than two lacks per year.
Department caters extensive consultancy services in the following areas
- Noise and vibration
- Experimental stress analysis
- Foundry and material science
- Tribology
- CAD/CAM/CAE

Student Achievements
Students participate in various co-curricular and extra-curricular events at national and International level. Many students received awards in these events. Prominent achievements are:
- John-Deere Techno Champ 2014: In Open Innovation Section won the first prize with cash amount Rs. 50,000 & Certificate.
- Students received Best Experimental Award for one act play at Puroshottam Karandak.

Student Association
The Mechanical Student Association (MESA) Activities are dedicated to supporting the educational mission of R.I.T by providing students with a sense of community through meaningful interaction outside the classroom. Many students actively participate in co-curricular and sports events like Trailblazer, Quantum etc.

Prominent Features of the Department
- Recognized research centre (Ph.D) of Shivaji University
- Good interaction with Industries & Motivation towards developing research culture
- Expert lectures by Industry persons and renowned academicians.
- RIT Finishing School to offer career oriented courses in area of CAD/CAM/CAE. These courses are being offered in collaboration with Siemens Pune, Extencore solution Pune, 3M solutions Pune and Finite to Infinite Pune.
- Competitive exam cell for preparation of exams like GATE/CAT.
- Ice-Breaker’ training programme to build competitive environment among students.
A lot of apprehension is underlying the apparent enthusiasm when an engineering student enters the campus. The student in an entirely new atmosphere undergoes quite a different kind of education and learning experience. Looking at the transformation that students undergo after their intermediate / XIIth, the department focuses its efforts on bridging the gap between their status and the required competencies of an engineering student. The role of education of basic sciences and humanities is of utmost importance in engineering education. The first year B.Tech. serves as induction and foundation for engineering students to take up their core program education. The disciplines of Physics, Chemistry, Mathematics and English (communication skills and professional skills) constitute this department.

Objectives of the Department
- To provide strong foundation of basic sciences and mathematics for the UG Programme in engineering.
- To cater to the needs of developing computational abilities among students.
- To assist the students to develop the communication skills necessary for an engineering graduate.

Salient Features
- Well-set laboratories with state-of-art equipments.
- English Language Laboratory: an interactive multimedia information tool to learn English with different utilitarian aspects.
- Four faculty having Ph.D. degrees.
- Faculty has published more than 70 papers in national and international journals.
- Dr. V.G. Parale has published two books. The details are given below:
- Faculty has attended various trainings programmes, workshops, refresher courses, and summer research fellowship.
- Students of F.Y.B.Tech participates in various technical competitions and exhibitions. Department provides them support to represent RIT to the outside world.
- Mini Projects for the First year students have been incorporated in the curriculum in order to enhance and utilize the creative potential of the students and built positive attitude, which will help them in their social & technical life ahead.
- Professional Skill development introduced as credit course in 1st, 2nd & 3rd year with focus on communication skills & English Language enhancement.
- Special care is taken for first year students by providing faculty mentors to help them to adapt to engineering subjects.
Engineering Physics Laboratory

Engineering Physics Laboratory is one of the oldest laboratories in the institute. The laboratory aims to develop scientific temper in experimental techniques and to reinforce the physics concepts among the engineering students. The laboratory is well equipped with all sophisticated, modern and advanced instruments for conducting various important experiments in Physics. The lab is utilised mainly for First year practical, UG mini projects and faculty research. The total investment in the laboratory is Rs. 7,29,668 /-.

Engineering Chemistry Laboratory

Engineering Chemistry Laboratory is well equipped with modern and advanced instruments for conducting various experiments in Engineering Chemistry subject. Major experiments are planned in such way that a student can understand nature, composition and characteristics of engineering materials by analyzing it. The total investment in the laboratory is Rs. 4,80,145 /-.

English Language Laboratory

English Language Laboratory assists students in improving their linguistic skills. Activities like individual and group presentations, situational conversations and software based assistance to enhance soft skills help students to develop their personalities.
Vision
Transformation of young minds into competent managers to face global challenges.

Mission
To develop ethical leaders committed towards innovation and changing mindsets at all levels.

Placement at the Department
Landmark Group, Oman, IFFCO TOKIO, ICICI Bank, Axis Bank, Justdial, AMUL, HDFC Bank, Reliance Life Insurance, ICICI Prudential Life Insurance a few of proud recruiters.

NEXT STEP: Career Guidance Workshop for MBA Aspirants.

Top Internship Providers
SAIL, AMUL, Digirise, Business Standard, Guardian Developers.

Programme Educational Objectives
- Demonstrate personal and professional leadership in the work and community development.
- Make career in Agri business, Rural Marketing, Banking Finance Insurance (BFI) and Consultancy organizations.
- Demonstrate a spirit of entrepreneurship in developing innovation, creativity and new dimension in business.
- Demonstrate effective communication skills and ability to integrate with people in business, social and global environment to bring transformation.

Scope of Employment
- Banking, Finance, Insurance, Retail and Agribusiness organisations.
- Entrepreneurial opportunities are available.
- Entrepreneurships opportunities.

Key Features
- Well furnished infrastructure.
- Qualified and experienced faculty.
- A unique summer internship program.
- A supportive and cultural environment.
- Focused and outcome based teaching learning method.
- Continuous increasing graph of placements and higher studies.
- VISION and INSPIRA an annual intercollegiate competition fest for management students.
- Industrial training for faculty during summer and winter vacation.

Programme Offered

<table>
<thead>
<tr>
<th>Programme</th>
<th>Year of Establishment</th>
<th>Intake Capacity</th>
</tr>
</thead>
<tbody>
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<td>MBA</td>
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Faculty Strength

<table>
<thead>
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<th>Count</th>
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</thead>
<tbody>
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<td>Associate Professors</td>
<td>03</td>
</tr>
<tr>
<td>Assistant Professors</td>
<td>13</td>
</tr>
</tbody>
</table>

MoUs
1. Regenesys Business School, South Africa
2. ARGUCOM, Sivsagar, Assam
3. Ghali College, Gandhinglaz, Kolhapur
Research Projects

Our faculties
Dr. H. V. Gaikwad and
Dr. M. V. Jagtap
received sponsored research
project from AICTE and UGC.
Dr. Nishikant Bohra and
Dr. Binod Sinha are working on
Research Projects of Rajarambapu
Group of Industries.

Corporate Guest Lectures and
Expert Talks

Prof. Mukul Gupta,
Adjunct Faculty, University of
Maribor, Slovenia.
Dr. Chandrahauns Chavan,
Director, JBIMS, Mumbai
Dr. Marko Sarvanja,
CEO, Regenesys, South Africa
Mr. Yogesh Upadhaya,
National President, ISTD, New Delhi
Mr. Akhilesh Mishra, Vice
President, IFFCO TOKIO General
Insurance, Mumbai
Mrs. Shivani Shinde Nadhe, Bureau
Chief, Business Standard, Pune
Er. Sanjeev Kr. Patjoshi,
Director, VAMNICOM, Pune
Dr. Basavraj Kudchimath,
Associate Professor, VTU, Belgaum
DIPLOMA (In Second shift)

Features
- DTE approved facilitation center
- Qualified M.E., M.Tech., Ph.D. and experienced teaching staff
- Scholarship schemes are available as per the MSBTE rules
- Well equipped laboratories and workshops
- Well stocked library
- Digital library with internet facility
- Bus facility for students from Karad, Kolhapur and Sangli
- Industrial visits, guest lectures and training programmes
- Wi-Fi Campus

Innovative Educational Practices
- Learning by doing (Drill exercises).
- Teaching in coherence with Outcomes Based Education.

Student Centric Activities
- Personality Development Programs
- Mentoring of students with counseling sessions
- Opportunities and motivation to participate in Curricular and Co-curricular activities.

IUCEE Regional Centre, Islampur

2008 shall be 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). And 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.

After analyzing the performance of RIT faculty in various programmes, IUCEE leaders identified RIT as a Regional Centre to promote its activities by various means. Our senior faculties took a challenge to train other faculties to change the class room dynamics for the better teaching-learning process. Because of IUCEE FLIs we got confidence of preparing outcomes based teaching plan and execute it effectively. RIT faculties have proved to be very expedient for the students in this rapidly changing and competitive world.

Webinars organized by IUCEE are excellent in all respect and the fringe benefit to students and faculties. Because of this, all faculties from RIT could able to interact with globally known eminent personalities and they are well conversant with Outcome Based Education (OBE) which is prime requirement of today’s educational world. Since 2014, IUCEE organizes International Conferences in Transforming Engineering Education (ICTIEE) each year. RIT has actively participated in all conferences with 40 research papers in total which are published by Springer and International journal JEET.
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 and Mathematics as compulsory subjects along with one of the Chemistry or Biotechnology or Biology or Technical or Vocational subjects, and obtained at least 50% marks.

**M.Tech**
i) Passed Bachelor Degree in the relevant field of Engineering and Technology from 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 programme of the concerned University for which admission is being sought.

**M.B.A.**
Passed minimum three year duration Bachelor’s Degree awarded by an University recognised by Central or State Government approved institutions or equivalent, with at least 50% marks in aggregate or its equivalent.

How to Apply

Online registration of application for admission through computer connected to Internet on the website for NRI/OCI/PIO, Children of Indian workers in Gulf countries, Foreign National should send the print of online filled application form & required documents by hand/speed post/courier for verification & confirmation to the designated authority by Directorate of Technical Education Maharashtra State, Mumbai.

For more details visit
http://www.dtemaharashtra.gov.in

International admissions of 14 students in engineering UG programme & 04 students in PG MBA programme have been made for the academic year 2014-15.
Since last five years RIT is witnessing growth in Research and Development activities.

A dedicated R&D cell has been established to elevate the quality and performance of Research activities in the Institute. In these years RIT has filed 26 patents, received research grants of Rs.1.54 Crore and five new products are in the final stage of commercialization and published several papers in International journals.

- In house seed funding for innovative projects
- Support for the students to participate in project competitions
- Financial support to all PG students for attending conferences
- Idea competition for promoting out of box thinking
- Exclusive research facilities having sophisticated, modern testing & measurement instruments, simulation softwares available
- Three Recognized Ph.D. Centers
- Separate Intellectual Property Cell to promote Patents
- Encourage & support the students to participate in project competitions at state & national level.
- Providing 24×7 access to well equipped laboratories to students

Student Centric Initiatives
- Organization of Idea competition to enhance the research aptitude and out of box thinking ability of students. Best ideas are awarded cash prizes and certificates. Funding from R&D cell is upto Rs. 1.5 lacs to convert best ideas into working prototypes.
- Promoting Interdisciplinary projects through financial assistance & inter-departmental collaboration to provide solution for real time industry & societal problems identified by students & faculties.
Twenty first century will be the century of knowledge, indeed the century of Mind. Innovation is the key for the production as well as processing of Knowledge. A nation’s ability to convert knowledge into wealth and social good through the process of innovation will determine its future. In this context, issues of generation, valuation, protection and exploitation of intellectual property (IP) are going to become critically important all around the world.” (From the book Reinventing India by Dr. Raghunath Mashelkar)

In recent years RIT has made rapid strides in the development and management of intellectual property as well as its commercialisation. The IPR cell of RIT has provisionally registered 26 patents over the last four years and out of which around five products/technologies are in process of commercialisation. The IPR cell at RIT looks forward to assisting and accelerating the interaction with industries for sustained growth in IPR to contribute to the wealth creation of the nation.
In last few years, India has seen phenomenal economic rise and also proven its dominance in the technology related fields on the global scale. In response to this, RIT has initiated setting up “Centre for Innovation, Incubation and Entrepreneurship Development” (CIIED). CIIED provides an ecosystem for early stage techno-stratups, which contributes to social and strategic sectors besides being responsible for generating employments and economic value. This mechanism helps our students, faculty and community in our proximity to turn their entrepreneurial vision into reality through an incubation experience. CIIED fosters innovation driven entrepreneurship through incubation by utilizing RIT’s existing physical infrastructure and expertise for training, idea generation, prototype development, preparing business plan and model helping disruptive innovations (Winnovations) and aspiring entrepreneurs succeed commercially. With this belief the CIIED - Entrepreneurship Cell, targets to help in the development of RIT’s entrepreneurial ecosystem by enabling easy and efficient interaction between its major components spanning students, working professionals, aspiring and existing entrepreneurs, mentors, angel investors, venture capital firms and corporates through initiatives like interactive sessions, competitions, conferences.

Objectives:
CIIED should be able to

- Work on R&D for Industry mainly for local small and medium enterprises.
- Address local problems & find innovative and viable solutions.
- Promote culture of IPR, Technology Transfer & Commercialisation.
- Nurture and promote creative ideas for its conversion into successful products & Technologies.
- Interfacing and networking between Academic, R&D institutions, Industries and Financial Institutions.
- Create new techno-start ups.
The purpose of the Training and Placement cell is to give the students right knowledge, skills, aptitude and meet the manpower requirements of the Industry. The Training and Placement cell at RIT is facilitated by Central Training and Placement Officer as head and the Departmental Training and Placement Officers as coordinators. The industry is always on the lookout for students who are vibrant, energetic individuals and ready to accept challenges, attentive having a good academic background, fast learners, open to learning even at work and more importantly having good communication skills. RIT always provides ample number of opportunities to the students in all areas.

Industries providing the placement opportunities

- KPIT Cummins, Pune
- Sanmar Group, Pune
- Siemens India Ltd., Pune
- Zensar Technologies Pvt. Ltd., Pune
- Scope T&M Pvt. Ltd., Pune
- Ixsiht Technologies, Pune
- Persistent Systems, Ltd., Pune
- Tech Mahindra, Pune
- Polaris Consulting & Services Ltd., Chenni
- IRB Infrastructure Developers Ltd., Mumbai
- Tata AIG General Insurance co. Ltd., Pune
- Utopia Automation & Control Pvt. Ltd., Satara
- Advance Design Solutions, Pune
- Prescient Technologies Pvt. Ltd., Pune
- Vista Core Corporation, Pune
- Piaggio Vehicles Private Limited, Pune
- Mutha Group of Industries, Satara
- Manugraph India Ltd., Kolhapur
- Liberty Videocon General Insurance Co. Ltd., Mumbai
- Cholamandalam MS General Insurance Co. Ltd., Pune
- Torrento Power Ltd., Mumbai
- TCS, Pune
- Posco Maharashtra Steels Pvt. Ltd., Raigad
- Kay Bouvet Engineering Ltd. Satara
- Shriram Transport Finance Co. Ltd., Mumbai
- Bajaj Allianz General Insurance Co. Ltd., Pune
- JSW Steel Ltd., Bellary
- Lucas - TVS Ltd., Pune
- L & T Infotech, Mumbai
- IBM, Bangalore
- E-Zest Solutions, Pune
- Bharat Forge Ltd., Pune
- Reliance General Insurance Co. Ltd., Mumbai
- Cummins India Ltd., Pune
- Syntel Ltd., Pune
- Amdocs Ltd., Pune
- Precision Automation and Robotics India Ltd., Pune
- Webonise Software Solutions Pvt Ltd., Pune
- Bosch Ltd., Bangalore
- Cooper Corporation Pvt. Ltd. Satara
The purpose of professional and higher education is to enable the students’ industry-ready and to accept the job in any portfolio. To serve this purpose Institutions needs to be in continuous interaction with industries. The Industry-Institute Interaction is oriented towards achieving the following objectives:

- Being an Autonomous Institution, the college is keen in updating the curriculum periodically in close collaboration with industry experts; the cell also helps to identify the experts in various fields for valuable inputs to be offered to the Board of Studies of all programmes.
- Up gradation of knowledge of faculty by identifying suitable industries for faculty training.
- To enable the students to acquire the necessary skills by observing the concepts taught in the classroom and by working on projects in industries.
- To take up consultancy work in the nature of diagnosis and solving them using the expertise of the faculty and students.
- To provide assistance to industry in the area of testing the quality of various products and materials as per the industrial standards.
- To encourage the students to visit variety of industries and technical exhibitions to keep them abreast of the scenario prevailing in their field of study.
- To make available internship opportunities to students to confront real-life challenges and learn the state of the global technology and process to add to their core technological foundation.

RIT has successfully developed and maintained relationships with industries resulting from MoUs. More than 20 faculties of various departments from institute get the opportunities of Industrial trainings and Industrial visits every year. Also prominent companies like HDFC, NVIDIA, etc. have established laboratories in collaboration with RIT.
The 'Train 1000 Teachers' programme was initiated by IIT Bombay in 2010, under the project 'Empowerment of Students/Teachers,' sponsored by the National Mission on Education through ICT (MHRD, Government of India). RIT has been associated with this programme since 2010. The main focus of RIT is to enhance the teaching skills and subject knowledge of faculty in core Engineering and Science subjects.

The objectives of this initiative are:
- To provide an ample opportunity to faculty to interact with IIT experts in different domains.
- To introduce new technologies and tools available in the market to further enhance educational experience of faculty as well as students.
- To make aware about ICT enabled teaching learning process to make classroom learning more effective and enjoyable.

Till date, in collaboration with IIT, RIT has conducted 20 ISTE STTP programs in various domains, where around 1000 faculty and students were benefitted.

RIT always promotes collaborative ventures with IITs and NIITs to facilitate faculty and students learning for academic advancements and research culture.

**Blended MOOCs @ RIT**

IIT Bombay proposed blended MOOCs (Massive Open Online Course) which attempts to combine the benefits of MOOCs and conventional teaching, and envisages factoring of MOOCs marks in the subject grade computed for a student of that subject in a regular degree program. RIT is one amongst 50 Institutes working closely with IIT Bombay as Remote Centers (RCs) for Blended MOOCs program.

**Activities:**
- Variety of subjects
- A-view interactions with faculties & students
- Resource material sharing using MOODLE
- Online quizzes
- Discussion forum for students and faculties

**RIT - QEEE (Quality Enhancement in Engineering Education) Smart Class**

This is a Direct to Student program that has been offered by IIT Madras and sponsored by Ministry of Human Resources and Development (MHRD), New Delhi to utilize high quality pedagogical resources to enhance learning in a wider student community and to integrate top quality resources in the form of instructors and multimedia resources into followed curriculum and methods of teaching. The program was initially delivered to more than 100 engineering colleges in a pilot implementation from January 2014.

Rajarambapu Institute of Technology, Rajaramnagar, Sakharale has been selected for QEEE pilot program. Students of almost all programmes are getting benefitted by this.

RIT has set up ultra-modern digital class room to receive these courses from IIT Madras. The QEEE smart class is providing the opportunity to students and faculties to learn from IIT professors. In September 2015, RIT has been selected as one of the best (committed) colleges out of nearly 150 colleges running QEEE program all over India. This program is being successfully conducted in our institute regularly.

**CTARA, IIT Bombay**

RIT has a MoU with CTARA- Centre for Appropriate Rural Technology Alternatives, IIT, Powai and we are working together in Water Sector Projects. Various projects have been carried out under this initiative. Its objective is to monitor the extent of water logging in the Sangli District through a developed a GIS (Geographic Information System) based platform. Policy interventions for Maharashtra State, role of agriculture department, sugar factories, PRIs and strengthening the regulatory requirements with overall sustainable development are the prominent factors in it. The tool may be used by Agriculture Department, DDWS (Department of Drinking Water and Sanitation), GSDA (Ground Water Survey and Development Agency) and other departments to aid in reporting, monitoring, and decision making.

CTARA Bombay extended help in some projects undertaken by RIT:
- Sponsored projects through Collector’s office, Sangli
- TDSL (Technology and Development Supervised Learning) projects
- Opportunities of higher studies
- Interactions between the two resulted in joint RPS research proposals and government GR Dated on 13th June 2016 by Higher and Technical Education Dept. wherein suggestions from RIT has been taken into consideration.
• It is a registered “RIT Alumni Association” with 4000+ alumni as members
• We conduct expert lectures to enhance knowledge of students
• Organize industrial visits to explore the industry environment to students
• Alumni sponsor Silver medals to rankers of Undergraduate and Post-graduate programs
• Alumni help our students in training and recruitment.
• We quarterly publish RIT Alumni Newsletter “RIT Communique” which reaches to 300+ industries and all of our alumni.
• Newsletter motivates and appreciates alumni by publishing there achievements and updates.
• RIT Alumni Association has a well-designed web portal for alumni communication and placement opportunities posted by alumni for graduates and post-graduates.
• Organizes annual alumni meet outside the campus in cities like, Pune, Mumbai and Bangalore

We award every year a distinguished alumni with “Prerana Puraskar”. 
ISTE Chapter @ RIT
The Indian Society for Technical Education is a national, professional, non-profit making organization of educators in the field of engineering and technology. The major objective of the ISTE is to assist and contribute in the production and development of top quality professional engineers and technicians needed by the industries and other organizations. Institute is promoting the ISTE activities by organizing training programs for teachers and students and also sending them to attend and participate in the programs organized by other institutes to accomplish the objective of the ISTE.

ISTD – Islampur Chapter
The Indian Society for Training & Development (ISTD – Islampur Chapter), established on 17th January 1997, is a national level professional & non-profit society registered under the Societies Registration Act, 1860. It has a large membership of individuals and institutions involved in the area of training and development of Human Resource from government, public and private sector organization & enterprises; educational and training institutions, and other professional bodies. ISTD Islampur Chapter undertakes various activities such as National and International Conferences; ISTD Certificate Courses; seminars, webinars, workshops by industry experts; and industrial visits for students.

RIT SPEED
(Student Platform for Engineering Education & Development)

- SPEED is a globally recognized students association.
- Through RIT SPEED events (RSF, ISF, GSF, Educational tours, Social activities), students have attained overall growth resulting in increased EMPLOYABILITY.
- RIT SPEED initiatives (Global Education and Exposure, RIT Robotics Lab, Software Development & Hosting) help students in getting selected in WORLD-CLASS UNIVERSITIES for Higher Studies.
Best Practices Activity
A quality circle is a volunteer group composed of faculty members, who are trained to identify, analyze and solve work-related problems and present their solutions to the management in order to improve performance of the organization. Rajarambapu Institute of Technology (R.I.T.) is successfully implementing this activity from last fifteen years. The quality circle teams in the recent past have represented the institute in chapter (CCQC) and national conventions on quality circles (NCQC) organized by Quality Circle Forum of India (QCFI) and won awards such as excellence and par excellence for five times. The quality circle teams have also represented the institute in International Convention on Quality Control Circles (ICQCC) in 2005 and 2007 held in South Korea and China respectively and won Gold Medal in 2007. This kind of Best Practices activity gives the faculty members an opportunity to come together, work collaboratively towards a common goal and understand systematic methodology for problem solving. It gives them an opportunity to be recognized at institute, state, national and international levels and gives them a chance to experience joy of learning. Quality circle has contributed in faculty development over a period and helped RIT to build its image as ‘Academic Focused Institute’.

Vishakha Cell
(Vishakha Cell has been established in 2002. It aims at:
- Building self-esteem & dignity among girl students & ladies faculty.
- Offering services such as counseling, legal aid in case of atrocities against women.
- Creating awareness regarding women rights.
- Arrange programs regarding health, personality development etc.
- Avoiding & prohibiting sexual harassment at workplace.

Vishakha Cell Organizes
- Expert lectures on Health Awareness
- Seminars on Gender Sensitization
- Workshops on Legal Aspects concerned with Women
- "Shardanyas” cultural event exclusively for girl students

RIT, Student Counseling Cell
This cell focuses on facilitating the number of students completing the course in four years with good academic record. The cell provides:
- Personal Counseling: To motivate the student towards good academic performance. It also helps those students who face examination stress or fear, depression due to familial, academic or any other problems. RIT conducts counseling sessions and workshops to address these problems and to motivate and help such students in their academic and personality development. The institute has services of Dr. Mrs. Jigna Shah & Mr. Kalidas Patil as Personal counselors.
- Awareness Programmes
- Merit Scholarship
- Parent Meet
- Seminars and workshops
- Group counseling
It provides hands on training to next generation engineers. All basic & advanced manufacturing facilities are available to enhance the skill of students. It is well equipped to train the students right from first year. Students are exposed to basic practical experiences in fitting, carpentry, pattern making, smithy, tin-smithy, welding and various machines in machine shop.

Well equipped machine shop has 52 lathes, all conventional machines such as universal milling, shaping machine, surface grinder, centre less grinder, turret lathe, automat and Retro fitted CNC etc. Welding shop is equipped with TIG, MIG, Submerged arc welding, and Plasma arc welding. CNC turn A-16 Machine is installed to enable student training in CNC turning & milling as well as computer aided manufacturing (CAM). Various software’s like master CAM Level II, MTS simulation, software for turning & milling are available here.

RIT has total investment of Rs. 85,53,500/- in workshop.

**Utilisation of Workshop Facility**
Central Workshop assists UG & PG students in their project work. Component manufacturing, experimental set up fabrication, assembly works are carried out in workshop. Required material & guidance in production is provided by workshop staff and faculty.

**Product Innovation & Development Center**
Students have different ideas in their mind. To facilitate the students to develop their idea/product, by scrutinizing their idea, material & basic manufacturing facilities & tooling are provided in this centre.

**CENTRAL COMPUTING FACILITY**
The institute has well-established Central Computing Center, specially designed for students. The center extends all support for computing services. The separate internet labs located here are well equipped with more than 130 P4 computers, 06 Servers, licensed softwares and allied equipments make it a resourceful node of service. The total investment in this center is more than one crore. Center looks after institute and alumni website development and its maintenance. It also maintains internet services, hardware and software in the campus.

**Campus Wide Networking**
With 1 modular core switch (BD 8086), Next Generation Firewall with HA mode, 8 POE switches with 24 port, 100+ Wi-Fi AP’s and 100 mbps leased line, we provide 24 hours internet facility, Wi-Fi as well as wired. Students and staff members also have access to this on their personal Laptops / Mobiles as well.

**Video Conference Hall**
Institute has a video conferencing hall to fulfill the need of multimedia distance interactions. This air conditioned hall has been installed with video conferencing equipments like LCD screen, LCD projector, Cordless audio system, Web Cam, interactive white board, and advanced DVD player. All equipments can be controlled through touch panel.

It is mostly used for various addresses and expert lectures from IITs and industries.

**QEEE Hall**
Institute is running QEEE (Quality Enhancement in Engineering Education) programs organized by IIT Madras. It arranges Live Expert Lectures, Tutorials, Virtual Labs and MOOC’s for the students. Institute has been selected as one of best college committed to this program. The hall is well equipped with LCD screens, LCD projectors, audio system and Web Cam.

**CCTV**
The Institute campus including hostels is under 86 Closed Circuit Television (CCTV) systems. It is an additional technological tool for security and safety of everyone in the campus.

**ERP**
The center has developed various software’s to computerize all major services like Admission, Library, Payroll, Accounting, Exam and Result analysis, Central Stores, Student Attendance System, Video Library, Student Feed Back, Attendance / Result information, Message (SMS) to Parents, online Fees Payments, and Placement Information.
A good educational setup is characterized by state of the art library facilities. Library is the heart of all academic activities in the institute. Library hosts a large collection of academic resources in the form of books, print journals and e-journals, CD’s etc.

RIT Central Library has a marvelous collection of 80000 + books of all engineering disciplines and management department. It includes more than 8200+ reference books. This collection also has books on co-curricular learning and competitive examination such as GATE, TOFEL, MPSC, etc. The total investment on books is Rs. 3.60 crore.

The Central Library subscribes more than 160 print national and international journals of engineering and management disciplines. It is also subscribes e-resources like IEEE, ASME, ASCE, Science Direct, JGate, EBESCO etc.
Facilities
- Open access to all students.
- Book bank facility for reserved category students.
- Book Bank facility for all FE / SE Students.
- Separate reading hall having 150 seats capacity.
- OPAC (Online Public Access Catalogue) search facility.
- Reprographic, printing, scanning facility with one reprographic machine and one scanner printer in concessional rate.
- Institutional membership of ARAI, Pune.
- English and Marathi Newspapers.

Digital Library
Digital library has 40 computers to access subscribed e-resources. NPTEL video lectures and educational CDs are available here.

Library Automation
Library automation is based on in-house library management software. The bibliographic information about the collection is made available through library OPAC.

New Building
RIT Central Library will soon open in an independent, four storied, air conditioned and wi-fi enabled building with a carpet area of over 35,000 Sq. ft. It will be full fledged, high tech learning center.

RIT has started the Journal of Engineering Education Transformations (JEET) in partnership with Indo-Universal Collaboration for Engineering Education (IUCEE). It is an International Journal in print form, having ISSN, and also a dedicated website.

Under the leadership of Prof. Krishna Vedula (Editor in Chief) and Dr. Sushma Kulkarni (Editor) the Journal of Engineering Education Transformations has gained popularity around the globe. Total subscriptions to the regular journal increased by approximately 46%. We introduced a trial to scan all accepted papers through anti-plagiarism software (Turnitin) before publishing. JEET has launched a MOODLE platform where all the faculties can post their views and have discussions. We are planning to launch social media account for the same.

There are currently 234 institutional and individual subscriptions to The Journal of Engineering Education Transformations.

The Journal is listed in i-Scholar and J-gate.

The indexing for Google Scholar and Scopus is in process.
RIT Hostel
One of the major concerns of parents about their wards is facilities of stay and food. RIT promises parental care for students residing in the hostel. There are four hostel buildings accommodating 650 boy students whereas 436 girl students get accommodated in the four girl hostels. RIT has a separate hostel building for the new entrants. Girl’s hostel offers some special facilities like cooking gas and electric geysers. Beautiful lush green campus of hostel makes every morning wishful and evening memorable.

The projects like Biogas, Vermicompost (Gandul khat), Waste water Treatment plant and Rain Water Harvesting have been undertaken by students in the hostel.

- Inbuilt aqua guard coolers have been installed for drinking water.
- Hot water through solar system is provided at every floor in all buildings.
- Uninterrupted power supply is provided through generators.
- Internet facility is available at all hostel buildings.
Amenities at RIT

Cafeteria and Dining Halls
Two tea/coffee vending machines are installed in campus and a Dabeli stall in addition to Cafeteria provides hygienic and healthy refreshments. Seven spacious dining halls in hostels ensure quality food. Here RIT offers meal and snacks at subsidized rates.

Medical Facility
Health care is provided 24X7 to all the students in the campus. Dispensary in the campus addresses the preliminary medical needs of the students. Health care center has ambulance services for any medical emergency in the campus.

Consumers’ Co-op. Stores
The RIT Students Consumers’ Co-operative Stores caters the needs right from stationary and cutlery items to cosmetics, dress material for uniform, and college bags. Educational aids like calculators and drafters are made available through an educational kit and loose as well. The freshers especially feel relieved as they receive kits of bedding and educational aids.

Bank and ATM
All banking needs of the student and staff-members are taken care of by an extension counter of Rajarambapu Sakhari Bank Ltd. Peth, Branch: Rajaramnagar, situated in the campus. The bank has installed ATM with RuPay facility. The ATM is located in the new library building.

Conference Hall
A separate conference hall with a seating capacity of over 300 is being equipped with modern amenities as well as multimedia movie projectors, PA systems to serve as a central hub for various co-curricular and extra-curricular activities organized round the year and also caters to various addresses, technological presentations, conferences, workshops and symposiums.

Lecture Rooms
This Institute has taken due care to make class-rooms the platform of interactive, innovative and effective learning for students. The Institute has well furnished lecture halls equipped with state-of-art audio-visual equipment for contemporary education. More emphasis is given on interactive sessions between students and faculties/experts through group discussions, seminars, presentations, etc.

Campus Security
Campus security and safety is an important feature of RIT. Twenty-two campus fulltime security officers provide a reasonably safe and secure campus for all employees, students and guests. Most of these security officers are ex-servicemen.

- Assist parents and other invited guests in reaching desired locations in the campus.
- Prohibit unauthorized entries in the campus.
- Counter any misbehaviour in the campus.
- Prevent use of prohibited things in the campus.

Transport Facility
RIT provides transport facility to students in five exclusive buses. It connects Karad, Sangli, and Kolhapur. RIT plies separate buses for girls from Karad and Sangli. Faculty and staff avail this facility. The transport facility makes travelling from these cities comfortable, time saving, and safe.

Xerox Facility
Students can avail this facility in the Administrative Office and in the Library.

Fees
Fees for the courses as per approval of Shikshan Shulk Samitee, 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.
CULTURAL CELL
To strengthen the overall personality of the students, this cell provides opportunities to them by organizing various cultural events and forming art clubs.

The cell,
- Celebrates Ganesh Festival.
- Organises Annual Cultural Festival “VIRANGULA”
- Motivates and support students to participate in competitions outside the campus. Our students won many awards and prizes at university and state level.
- Organises workshops to instill various arts in students.
- Runs MUSIC CLUB.

Here students nurture their hobby of music and receive training and guidance from expert trainers. Formed VISUAL AND FINE ARTS CLUB with the purpose of creating a community where students come together to help each other in developing their skills. The club organizes exhibitions to showcase their art.
Dr. Sushma Kulkarni, Director has co-chaired at International Conference on Transformation in Engineering Education (ICTEE) 2016, Pune.

Dr. Sushma Kulkarni, as keynote speaker for 2016 CDIO Asian Regional Meeting and the Asian Engineering Education Conference from 22-25 March, 2016 at Yanshan University, Qinhuangdao, Hebei, China.

Dr. Sushma Kulkarni, Director has received invitation as Jury for the 3rd Global Engineering Deans Council (GEDC) Conference for Airbus Award for Diversity in Engineering Education at Adelaide, Australia 2015.

Prof. Dr. M. T. Telsang has received Best Teacher Award in the Colleges affiliated to the university for the year 2015 by Shivaji University, Kolhapur.

Prof. Dr. S. R. Kumbhar won Third Prize at SIAT - 2015 SPPC held at ARAI, Pune during 21- 23 January – 2015.

Prof. D. T. Mane, Prof. P. R. Gavali & Prof. Sadanand Howal from Information Technology Department has received Distinguished Award in National Convention Quality Circle 2015 at SRM University, Chennai.

Prof. Dr. Sachin K. Patil, HOP, M.Tech. (Mechanical-Production) has received "Special Research Award" in Productivity Contest of 57th National Convention of IIIE and 3rd International Conference on Industrial Engineering at SVNIT Surat in October, 2015.

Prof. R. M. Shinde, Automobile Engineering Department has won 3rd Prize in Altair India Optimization Contest for Faculty (AOC 2015 India) on Hyper works (CAE/CFD/MBD) & Solid Thinking (Design).

Prof. Dr. S. R. Kumbhar and Prof. Dr. A. C. Attar won "BEST POSTER AWARD" at Second International Conference on Transformations in Engineering Education (ICTIEE) held at BMS College of Engineering, Bangalore, 6-8th January 2015.

Prof. Amol C. Adamuthe and Rajendra Gage (Dept. of CSE) won “Best Paper Award” at IEEE International Conference on Advanced Computing & Communication Systems (ICACCS), 5-7 Jan 2015, Coimbatore, India.

Prof. A. C. Adamuthe and Prof. Rahul Injamuri (Dept. of CSE) won “Best Paper Award” at National Conference on Industrial Engineering and Technology Management (NCIETM), Oct 29 – 31, 2014 organized by NITIE, Mumbai.

Prof. A. C. Admuthe, Asst Professor, CSE has received Best Paper Award of National Conference on Industrial Engineering and Technology Management (NCIETM 2014) at National Institute of Industrial Engineering (NITIE), Mumbai.

Prof. K.A. Parane & Prof. S. R. Pooyara won 1st Prize as Distinguished Facilitator at Infosys, Pune under Inspire Faculty contest on 27th June, 2014.

Dr. Mrs. J. S. Awati has received ‘Indira Gandhi Sadbhavana Gold Medal Award’ on the occasion of 22nd National Conference on Individual Achievement and services to the nation held on 19th Nov. 2014 at Bangalore.
## International Level

<table>
<thead>
<tr>
<th>Name of the Company / Institute</th>
<th>Area / Field</th>
<th>Date of Signing</th>
</tr>
</thead>
<tbody>
<tr>
<td>University of Massachusetts Lowell, USA (UML)</td>
<td>Educational</td>
<td>10/11/2008</td>
</tr>
<tr>
<td>Purdue University, College of Engineering, Global Engineering Program (COE)</td>
<td>Educational</td>
<td>18/11/2008</td>
</tr>
<tr>
<td>Lawrence Technological University, Southfield, MI USA</td>
<td>Educational</td>
<td>03/1/2009</td>
</tr>
<tr>
<td>University of Hartford, West Hartford, Connecticut, USA</td>
<td>Educational</td>
<td>02/11/2010</td>
</tr>
<tr>
<td>Superstar Agro Industries Ltd., Zambia</td>
<td>Civil Services</td>
<td>02/7/2012</td>
</tr>
<tr>
<td>GeoICON Pvt. Ltd., Singapore</td>
<td>Construction</td>
<td>01/11/2012</td>
</tr>
</tbody>
</table>

## National Level

<table>
<thead>
<tr>
<th>Name of the Company / Institute</th>
<th>Area / Field</th>
<th>Date of Signing</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bharat Forge Limited., Pune</td>
<td>Manufacturing (Mechanical)</td>
<td>03/10/2006</td>
</tr>
<tr>
<td>Maharashtra Centre for Entrepreneurship</td>
<td>Educational</td>
<td>28/03/2007</td>
</tr>
<tr>
<td>Development (MCED), Aurangabad</td>
<td>Educational</td>
<td>16/11/2006</td>
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<tr>
<td>Wipro Infotech, Mumbai</td>
<td>IT Services</td>
<td>27/03/2008</td>
</tr>
<tr>
<td>Infosys, Pune</td>
<td>IT Services</td>
<td>01/06/2008</td>
</tr>
<tr>
<td>EduCADD, Bangalore</td>
<td>IT Services</td>
<td>22/06/2009</td>
</tr>
<tr>
<td>Sanghavi Infotech, Bangalore</td>
<td>IT Services</td>
<td>30/09/2009</td>
</tr>
<tr>
<td>SEED Infotech, Pune</td>
<td>IT Services</td>
<td>30/12/2009</td>
</tr>
<tr>
<td>TATA Motors Ltd., Pune</td>
<td>Manufacturing (Mechanical)</td>
<td>30/12/2009</td>
</tr>
<tr>
<td>Vistacore Corporation, Pune</td>
<td>Construction</td>
<td>17/03/2010</td>
</tr>
<tr>
<td>C-DAC</td>
<td>Educational</td>
<td>06/04/2011</td>
</tr>
<tr>
<td>Apollo Tyres Limited, Gurgaon</td>
<td>Tyre Manufacturing</td>
<td>21/04/2011</td>
</tr>
<tr>
<td>Modi Motors Agencies Pvt. Ltd., Mumbai</td>
<td>Car Dealing</td>
<td>02/05/2011</td>
</tr>
<tr>
<td>Scientech Technologies Pvt. Ltd., Indore</td>
<td>IT Services</td>
<td>19/05/2011</td>
</tr>
<tr>
<td>Kalyani Infotech Solutions Ltd., Pune</td>
<td>IT Services</td>
<td>30/05/2011</td>
</tr>
<tr>
<td>Blazeclan Technologies Pvt. Ltd., Pune</td>
<td>IT Services</td>
<td>30/09/2011</td>
</tr>
<tr>
<td>IRB Infrastructure Developers Ltd., Mumbai</td>
<td>Construction</td>
<td>01/11/2011</td>
</tr>
<tr>
<td>Siemens PLM Software India Pvt. Ltd., Gurgaon</td>
<td>PLM Software</td>
<td>30/11/2011</td>
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<tr>
<td>Dr. Fixit Institute of Structural Protection &amp; Rehabilitation, Mumbai</td>
<td>Educational</td>
<td>18/2/2012</td>
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<tr>
<td>Centre for Technology Alternatives Rural Areas (CTARA), Mumbai</td>
<td>Research</td>
<td>04/04/2012</td>
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<tr>
<td>Scope T&amp;M Pvt. Ltd., Mumbai</td>
<td>Manufacturing (Elect. &amp; Electronics Components)</td>
<td>01/06/2012</td>
</tr>
<tr>
<td>Infosys, Bangalore</td>
<td>IT Services</td>
<td>08/01/2013</td>
</tr>
<tr>
<td>TATA Motors, Pune</td>
<td>Manufacturing (Mechanical)</td>
<td>13/06/2013</td>
</tr>
<tr>
<td>John Deere India Private Limited, Pune</td>
<td>Manufacturing (Mechanical)</td>
<td>13/06/2013</td>
</tr>
<tr>
<td>Forbes Marshall, Pune</td>
<td>Manufacturing (Mechanical)</td>
<td>13/06/2013</td>
</tr>
<tr>
<td>JCB India Limited, Pune</td>
<td>Manufacturing (Mechanical)</td>
<td>13/06/2013</td>
</tr>
<tr>
<td>SoftTech Engineers Pvt. Ltd., Pune</td>
<td>IT Services</td>
<td>13/06/2013</td>
</tr>
<tr>
<td>Government College of Engineering, Amravati</td>
<td>Educational</td>
<td>09/07/2013</td>
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<tr>
<td>Bharatiya Vidya Bhavans Sardar Patel College of Engineering, Mumbai</td>
<td>Educational</td>
<td>18/07/2013</td>
</tr>
<tr>
<td>Mutha Group of Industries, Satara</td>
<td>Manufacturing (Mechanical)</td>
<td>01/02/2014</td>
</tr>
<tr>
<td>Yash Capacitors Pvt. Ltd., Nashik</td>
<td>Manufacturers and Suppliers of Capacitors</td>
<td>21/04/2014</td>
</tr>
<tr>
<td>Zensar Technologies Limited, Pune</td>
<td>IT Services</td>
<td>21/05/2014</td>
</tr>
<tr>
<td>dB Devices Pvt. Ltd., Pune</td>
<td>Manufacturing (Electrical)</td>
<td>25/06/2014</td>
</tr>
<tr>
<td>WYSE Biometrics Systems Pvt. Ltd., Pune</td>
<td>Manufacturing (Electrical)</td>
<td>01/07/2014</td>
</tr>
<tr>
<td>Infosys, Bangalore</td>
<td>IT Services</td>
<td>25/09/2014</td>
</tr>
<tr>
<td>Siemens Industry Software India Private Limited &amp; Three M Software Solutions, Pune</td>
<td>Educational</td>
<td>12/03/2015</td>
</tr>
<tr>
<td>Apex Innovations Pvt. Ltd., Sangli</td>
<td>Manufacturing (Mechanical)</td>
<td>20/06/2015</td>
</tr>
</tbody>
</table>
INSTITUTE ACHIEVEMENTS

Institute has ranked 75th across all over India 7th State level & only in Shivaji university as per National Institutional Ranking Framework (NIRF), MHRD, Govt. of India.

Institute has been selected as one of the best colleges (committed) for QEEE program by QEEE IIT, Madras.

Best Practices followed in institute has been selected for the presentation in 3rd Global Engineering Deans Council (GEDC) Adelaide, Australia 2015 Conference.

Participation in AICTE- CII industry linked survey and shortlisted for the year 2015-16 in CE Shivaji University, Kolhapur has selected RIT as Lead College for 2007-2010 for the first time and on the basis of performance reselected for 2010-13 & 2013-16.

RIT, Rajaramnagar has organized First National Conference for Post-Graduate Engineering Students (RIT NConPG-15) on 1st June 2015.

RIT ranked 67th rank by DQ-CMR Private T-School as Best Private T-Schools for year 2014-2015.

RIT ranked 74th rank by Top 100 Private Engineering College Survey 2015 by Higher Education Review, New Delhi.

RIT ranked 8th by CSR-GHRDC Engineering College Survey 2014 as Top Emerging Engineering College of Excellence.

RIT has bagged the ISTE Best Chapter Award 2013-2014

RIT has awarded Sri VVR Seshadri Rao Gudlavelleru Engineering College National Award for the Best Private Engineering College 2013 (shared). The award was presented in 43rd Annual Convention of ISTE on 19th December, 2013 at TKIET, Warnanagar, Dist. Kolhapur.

RIT ranked amongst first ten in the Survey of Industry linked Engineering Institutes done by AICTE 2011-12.

RIT received fund of Rs. 2.80 Lakh from IIT, Bombay for setting up Advanced A-view Classroom under the National Mission on Education through ICT (MHRD)

IIT, Bombay has released an equipment grant of Rs. 1.00 Lakh to its RIT Akash Center to facilitate effective utilization of Akash tablet for R&D work under National Mission on Education through ICT (MHRD).

QUANTUM - 2015 (RIT - Kalyani) - It is a joint venture between RIT and Kalyani Group for events organized by students throughout the academic year.

Emersion Climate Technologies, Karad has given scholarship worth rupees two lakhs to our students.

RIT is ranked 39th in Top 75 Private Engineering Institutes & 81 at Overall Engineering Institute Ranking done by Times Engineering Survey 2016.
STUDENT ACHIEVEMENTS

Rathod Shailesh Shankar, a student of M. Tech Electronics (Digital System) has been selected by ISRO, Banglure to work on his project entitled “Active Vibration Control”. He is going to work under the guidance of Dr. Prashant, a scientist in ISRO.

Ms. Tejaswini Pawar (TY IT), Ms. Asmita Patil (TY CIVIL) and Ms. Aishwarya Katkar (SY IT) have been shortlisted for “Global Student Forum (GSF) Oct 2016 to be held at Seoul, South Korea.

A group of First Year B. Tech students has been selected for ROBO-ZEST’16 at IIT DELHI. It was an international level Robotics championship. The workshop has been conducted by Robospecies Technologies Private Limited.

Mr. Akshay Chavan, a student of Automobile Engineering Department, has received Prof. B. S. Murthy award for his work in engine emission and control. The award presented at the SAEINDIA Foundation Annual Award Function on 3rd August 2015 at New Delhi.

Team “Turtles” of students from Automobile, Mechanical and Electrical Engineering secured 1st rank in acceleration-braking test in Hybrid Go-Kart Challenge 2014 held at Coimbatore dated on January 27-29, 2015.

Mr. Ajinkya Patil (B.Tech, E & TC) represented RIT in IUCEE SPEED Global Student Forum-2014 organized by American University in DUBAI from 30 Nov 2014 to 6 Dec 2014. Ajinkya is one among 09 students from INDIA and Second from Maharashtra got selected for GSF-2014.

Mr. Vivek More, Vaibhav Patil & Ismail Mulani from Mechanical Engineering have won the 1st Prize for Project Titled, Innovative Cooling System without Radiator in John-Deere Techno champ 2014 (All India Technology innovation contest with students from IITs and NITs).

Student Exchange Program was taken up with Gurunanak Group of Institutes, Hyderabad and JRE group of Institutes, Noida. Around 35 students participated in it.

Indrajit Nimbalkar, Narendra Naukudkar, Rahul Gadkari and Abhijit Jadhav from Mechanical Engineering department won 2nd prize at National level in Siemens PLM-GTT Full Throttle Design Competition.

Mr. Omkar Thorat a student from Civil Engineering Department has won Third prize for his project titled Measurement of Gas in a LPG Cylinder at National Centre for Radio Astrophysics, Tata Institute of Fundamental Research, Pune on March 1st, 2014.

In ASME Human Powered Vehicle Challenge India – 2014 competition hosted by IIT Delhi on 17-19th January, 2014, the team of RIT secured 2nd Rank at All Over India, 6th Rank in Design Event, 4th Rank in Drag Event, 1st Rank with 49 laps in 150 minutes in Endurance event (Amount of All Prizes Rs.35,000/-)

Students of Automobile Engineering secured 1st Rank All Over India in “Eco Green Vehicle Challenge” organized by SAE at L.D.COE, Ahmadabad, Gujarat on 24-25th April 2014, 1st Rank in Design Event, 2nd Rank in Drag Event, 1st Rank in Endurance event (Amount of All Prizes of Rs.65,000/-)
DTE Institute Codes
Degree: EN6214
PG: ME6214
MBA: MB6214
Diploma: DN6214

For the details of mandatory disclosure visit our website.

www.ritindia.edu