CELEBRATING

17

YEARS OF
BRILLIANCE



Dr. V Rajeev
Founder

# RAJEEV INSTITUTE OF TECHNOLOGY



NAAC A

NBA NATIONAL BOARD OF ACCREDITATION

INSTITUTION'S INNOVATION COUNCIL (Ministry of Education Initiative)

IOH Institution Of Happiness

QS I-GAUGE GOLD

## CET CODE

| | |
|---|---|
| BE | E177 |
| MBA | B254 |



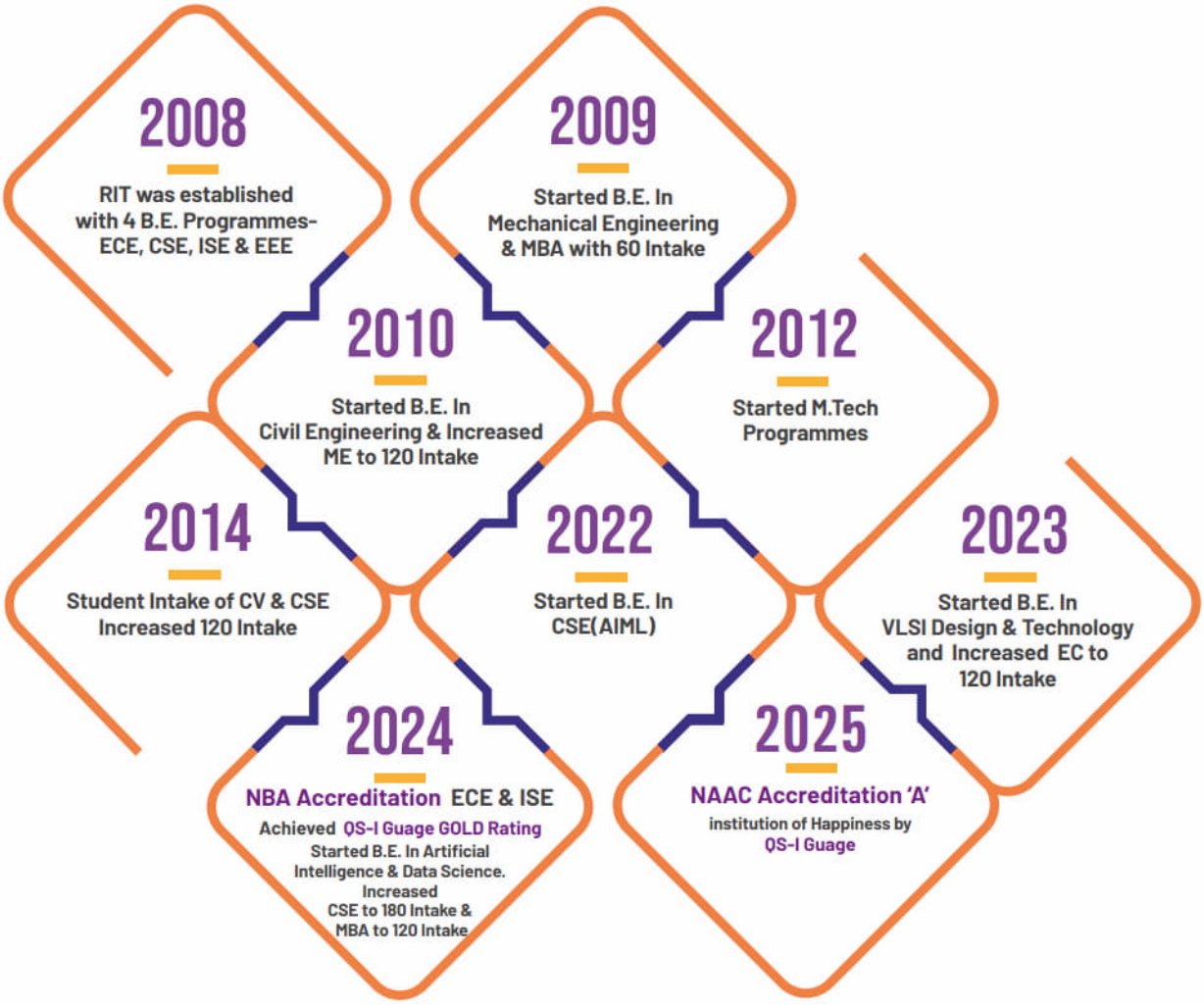
# Empowering Indian Engineers as Catalysts for Change.

CELEBRATING 17 YEARS OF BRILLIANCE

# A REMARKABLE JOURNEY. NURTURING GREATNESS, AND GREAT CHANGE.

The inception of RIT commenced with a mission to furnish, empower, and equip individuals for whatever the future holds. Our aim is to shape a tomorrow that is indispensable. In terms of technology, industry, economy, society, and the environment. We strongly believe in fostering talent and empowering individuals to reach their fullest potential. Our goal is to enable them to become exceptional and make a significant impact as change agents.

Throughout our journey, we have also experienced growth. We have expanded and improved ourselves. This is because we firmly believe that only the finest can provide you with the finest.






# OUR VISION

To be an academic institution in vibrant social & economic environment, striving continuously for excellence in education, research and technological service to the society.

# OUR MISSION

- To achieve academic excellence in engineering and management through dedication to duty, offering state of the art education and faith in human values.
- To create and endure a community of learning among students, develop outstanding professionals with high ethical standards.
- To provide academic ambience conducive to the development, needs and growth of society and the industry.

# OUR QUALITY POLICY

- Develop technical, managerial human resource of excellence suitable for global standards.
- Ensure quality academic synergy for management education to meet industry requirements.



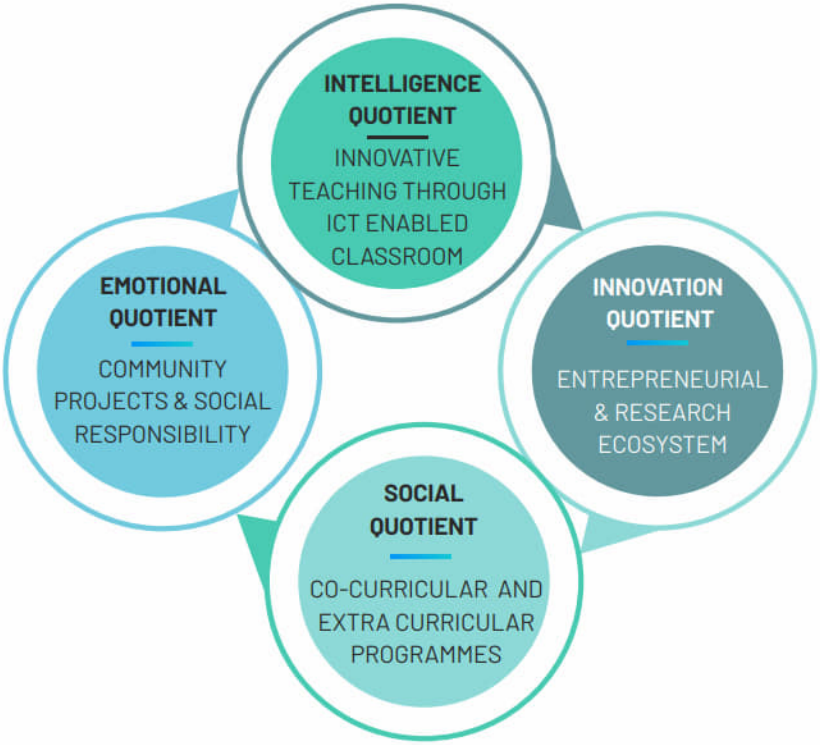
# RIT PHILOSOPHY

## NURTURING ALL-ENCOMPASSING STUDENT PROGRESS FOR FUTURE INNOVATORS

Good education fosters skill development. It equips individuals, empowers them, and make ready them for whatever challenges the future may hold. However, we must not simply anticipate tomorrow; we must actively shape it.

We must strive to create a world that meets our needs, rather than passively accepting the status quo. This requires progress in technology, industry, economy, society, and the environment. Such a vision necessitates more than just competence; it calls for a broader perspective, a deeper understanding, and the ability to inspire and enable change.

At **RIT**, we are committed to cultivating these qualities. We are dedicated to empowering individuals through education, practical experience, exposure, opportunities, partnerships, and support for innovation. Our goal is to nurture individuals who can envision a better world and actively work **towards becoming catalysts for change.**



# THE RIT ADVANTAGE

**RIT** starts with a strong academic foundation and extends far beyond that. From industry-relevant curricula to co-curricular and extra-curricular activities, industry exposure, placements, and our environmentally friendly campus, we provide a comprehensive ecosystem that fosters innovation and entrepreneurship. Our goal is to equip you with the skills and knowledge to drive meaningful change.

## INFRASTRUCTURE

- Paradise of Karnataka
- Green Campus
- Digitally - enabled classrooms and state-of-the-art labs
- Centre of Excellence

## HOLISTIC STUDENT DEVELOPMENT

- Cultural Fests
- Student Clubs in Emerging Technologies
- Student Fests
- Various Indoor and Outdoor Sports

## OUTCOME- DRIVEN APPROACH

- Industry-relevant curricula
- Campus Recruitment Training
- Career Guidance Cell
- Placement

# THE TEAM THAT EMPOWERS YOU



**Dr. V Rajeev**
Founder



**Dr. Rachana Rajeev**
President



**Dr. Ranjith Rajeev**
Vice President



**Dr. B N Rathna**
Secretary & Treasurer



**Dr. Mahesh P K**
Principal



**Dr. Rammurthy D**
Dean Academics



**Dr. Rajashekar S**
Dean Training and Placements



**Dr. H S Mohana**
IQAC Director



**Dr. Arjun B C**
HOD, Dept. of CSE



**Dr. Prathibha G**
HOD, Dept. of ISE



**Dr. Dr. Sharath M N**
Hod, Dept of CSE (AI & ML)



**Dr. Prashanth S J**
Hod, Dept of AI & DS



**Dr. Prakash Kuravatti**
HOD, Dept. of ECE



**Dr. Pradeep K G M**
HOD, Dept. of EEE



**Dr. Kuldeep B**
HOD, Dept. of ME



**Prof. Sujay S**
HOD, Dept. of CE



**Prof. Bhavani B S**
HOD, MBA



**Dr. Mohammed Eliyas**
First Year Coordinator



**Dr. Chandana S N**
HOD,
Dept. of Physics



**Prof. Veena K P**
HOD,
Dept. of Chemistry



**Prof. Jyothi B G**
HOD,
Dept. of Mathematics



**Mr. Umesh B D**
Physical Education Director



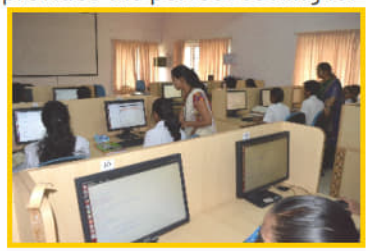
**Dr. H N Thammanna**
Chief Librarian

# INFRASTRUCTURE AND FACILITIES

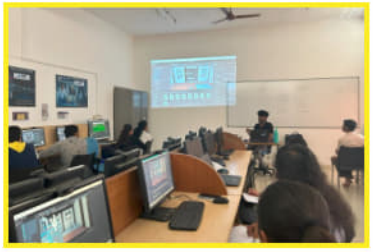
## Experience an environment filled with endless inspiration.

The **RIT** campus is not just a place to study, but a place that motivates you to create a positive impact. With its modern facilities, and eco-friendly environment. **RIT** provides the perfect setting for you to pursue your aspirations and shape a better future.

| | | | |
|---|---|---|---|
| Green Campus | Indoor and Outdoor Sports Facilities | Amphitheatre | State-of-the-art Laboratories |
| Digitally Enabled Classroms | Highspeed Wifi | Well Connected with Bus Transport | Cafeteria |
| On Campus Hostel | In House Stationery | Voluminous Library | Seminar Hall |
| 24/7 CCTV Surveillance | 24/7 Medical Assistance | | |





















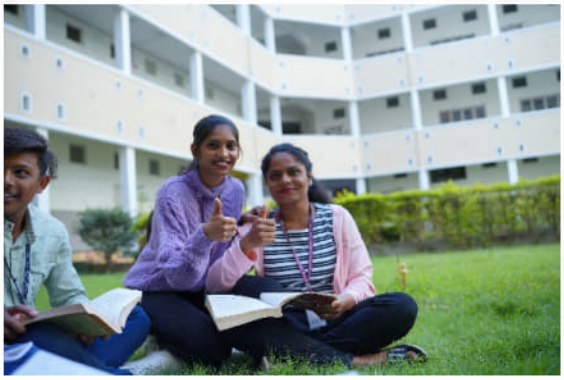
# GREEN CAMPUS

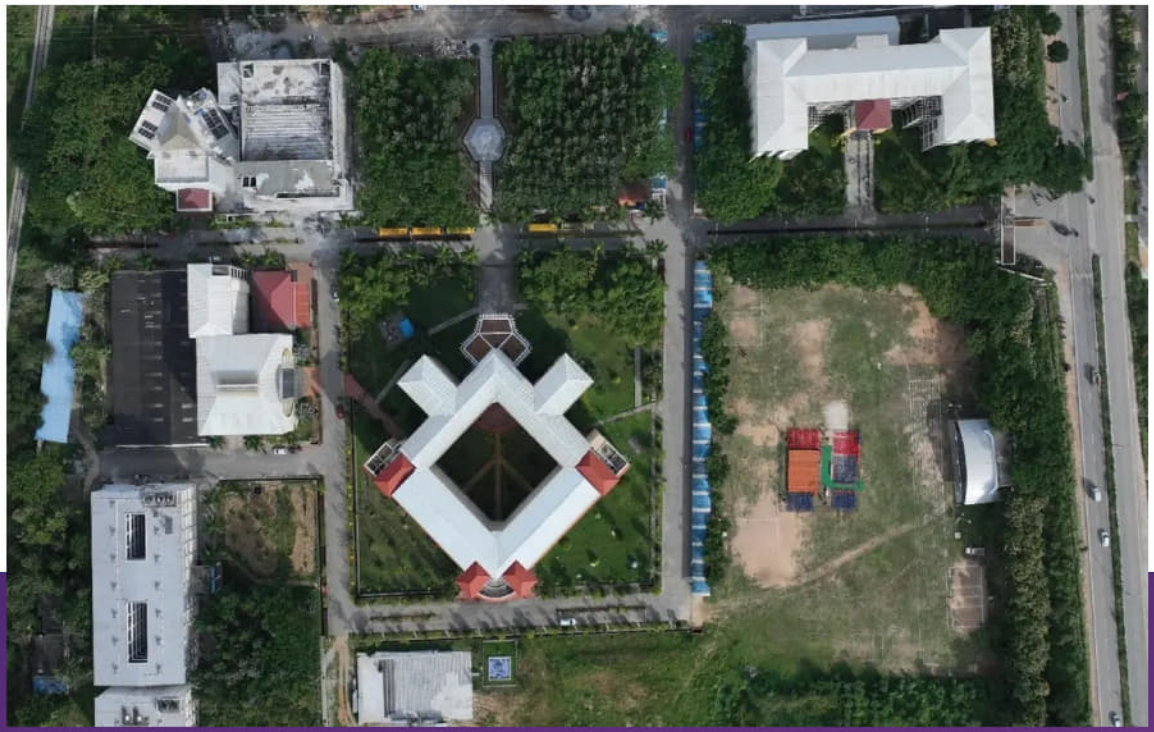
## This is the place where the grass is always greener.

Our campus spans 10 acres and is meticulously crafted to offer students a harmonious blend of nature and global perspectives. At **RIT** we are dedicated to pioneering the future. We inspire our students to not only create groundbreaking innovations but also to cultivate awareness and empathy towards the environment, and the ecosystem. This way, they can construct a sustainable world that nurtures all its inhabitants.

Our campus is dedicated to promoting environmental sustainability through various initiatives. Our goal is to eliminate the use of plastic on campus, aligning with our vision of a sustainable future. We firmly believe that change starts with a simple idea and proactive measures, also we are proud to be at the forefront of creating a cleaner and greener planet.







# HOLISTIC ENGINEERING APPROACH TO BUILD ESSENTIAL SKILLS

Possessing the necessary skills equates to having everything one needs to succeed.





During your time at **RIT**, your professional development will be complemented by essential life skills, firmly rooted in fundamental universal principles. These skills and principles contribute to a more comprehensive perspective, fostering a increased sense of accountability. They empower you to drive change in various domains, including technology, industry, economy, society, and the environment.



# COURSES OFFERED

## UNDERGRADUATE PROGRAMMES (B.E.)

### B.E.- COMPUTER SCIENCE & ENGINEERING (CSE)



**Career Opportunities**

Software Developer
Data Scientist
Web Developer
Cyber Security Analyst
Machine Learning Engineer
Network Engineer
Game Developer
Cloud Engineer/Architect
UX/UI Designer

### B.E.- INFORMATION SCIENCE ENGINEERING



**Career Opportunities**

Software Developer
IT Specialist
Information System Manager
Data Scientist
Cyber Security Analyst
System Administrator
Machine Learning Engineer
Game Developer
Cloud Engineer/Architect

### B.E.- COMPUTER SCIENCE & ENGINEERING (ARTIFICIAL INTELLIGENCE & MACHINE LEARNING)



**Career Opportunities**

Software Developer
Data Analysis
Big Data Engineer
Business Intelligence
Cyber Security Analyst
Machine Learning Engineer
Robotics
AI Architect

### B.E.- VLSI DESIGN AND TECHNOLOGY



**Career Opportunities**

Verification Engineer
Design Engineer
DFT Engineer
Physical Design Engineer
CAD Engineer
ASIC Design Engineer
Test Engineer | RTL Design
VLSI Verification Engineers
Analog Design Engineer

### B.E.- ARTIFICIAL INTELLIGENCE & DATA SCIENCE



**Career Opportunities**

Data Scientist
Big Data Engineer
AI Engineer
Data Visualization Developer
Business Intelligence
Cyber Security Analyst
Machine Learning Engineer
Robotics
Software Developer

### B.E.- ELECTRICAL AND ELECTRONICS



**Career Opportunities**

PLC and SCADA (Automation)
Robotics | Electrical Design
Switch Gear and Protection Engineer
Electrical Design Engineer
Embedded Systems Engineer
IOT Engineer
Energy System Engineer

## B.E.- ELECTRONICS AND COMMUNICATION ENGINEERING

### Career Opportunities

Embedded Engineer
IOT developer
Software developer
Quality Assurance
RTL design and verification
VLSI Design & Testing
Network installation and management

## B.E.- CIVIL ENGINEERING

### Career Opportunities

Interior Design Engineer
Design Engineer
Site Engineer
Highway Engineer
Mining Engineer
Environmental Engineer
Structural Engineer

## B.E.- MECHANICAL ENGINEERING

### Career Opportunities

Automation Engineer
Aerospace Engineer
Defence Engineer
Design Engineer
Logistics Engineer
Manufacturing Sector
Automobile Engineer
HVAC

# POSTGRADUATE PROGRAMMES

## MASTER IN BUSINESS ADMINISTRATION

Busines Development Manager
Market Analyst
Asset manager
Financial analyst
Executive recruiter
HR trainer and development
HR analyst or Analytics Specialist
Data analyst in Banks andnother Service sector
Big data analyst in retailing and logistics

## RESEARCH CENTRES

CSE
EEE
ME
ECE
Physics

# LAYING OUT THE FOUR-YEAR PLAN

## YEAR 1

| ACADEMICS | CO-CURRICULAR | EXTRACURRICULAR |
|---|---|---|
| Basic Engineering Courses | Monthly Seminars | Induction into Cultural Clubs & Participation in Activities |
| Humanities and Science Courses | Summer Internship | Induction into Social Impact Clubs & Participation in Activities |
| Design Thinking and Sustainable Development | Certificate Programme | Sports Team Trials |
| Certification programmes on Emerging Technologies | Induction into Professional Societies | Participation in SWARIT the RIT Cultural and Sports Fest |
| Social Innovation | | |

- Critical Thinking
- Communication
- Project Management
- Problem - Solving
- System Thinking
- Lifelong Learning
- Teamwork
- Leadership
- Domain Knowledge

## YEAR 2

| ACADEMICS | CO-CURRICULAR | EXTRACURRICULAR |
|---|---|---|
| Programme-specific Courses | Induction into Emerging Technology Clubs | Club Activities/ Monthly Cultural Programmes |
| Experiential Learning Through Community-focussed Projects | Technical Workshops & Hackathons | Participation in Social Impact Activities |
| | Certification Programmes | Participation in Technical & Literary Fest |
| | Monthly Seminars | Participation in Cultural & Sports Fest |
| | Introduction to Entrepreneurship Courses | Participation in Inter-institute Competitions |

# YEAR 3

| ACADEMICS | CO-CURRICULAR | EXTRACURRICULAR |
|---|---|---|
| Programme Specific Courses | Certificate Courses | Club and Technical Activities |
| Technical Electives | Future Tracks | Organisation of Technical Fests |
| Mini Project | | Organisation of Cultural and Sports Fests |
| | | Participation in Inter-Institute Competitions |

**Industry Track**
- Industry -relevant Courses
- Industry -relevant Projects
- Campus Recruitment Training
- Summer Internship

**Higher Education Track**
- Higher Education Training
- Research

**Entrepreneurship Track**
- Product Innovation
- Courses in Entrepreneurship

# YEAR 4

| ACADEMICS | CO-CURRICULAR |
|---|---|
| Technical Electives | Future Tracks |
| Open Electives | |
| Major Project | |

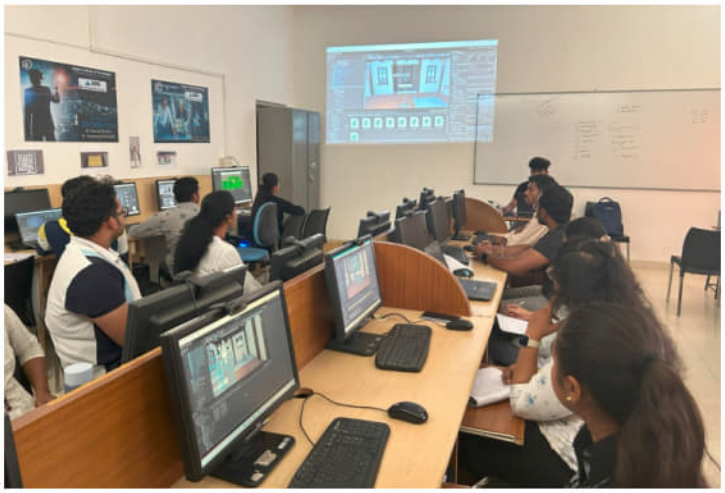
**Industry Track**
- On-campus Placements

**Higher Education Track**
- Counselling
- Submission of Postgraduate Programme Application

**Entrepreneurship Track**
- Seed Funding for Selected Start-ups
- Incubation Opportunity

- Critical Thinking
- Communication
- Project Management
- Problem - Solving
- System Thinking
- Lifelong Learning
- Teamwork
- Leadership
- Domain Knowledge

# THE CO-CURRICULAR ACTIVITIES



At **RIT**, our academic approach goes beyond just the curriculum to include a comprehensive strategy that extends beyond engineering. This strategy provides a foundation for developing innovative solutions and is supported by co-curricular activities that empower students to excel in their fields and make a positive impact..

## SEMINARS

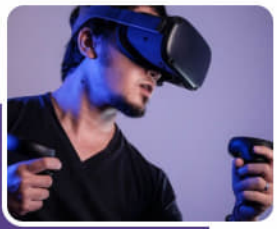
- Industry Academia Connect
- Technology and Social Innovation
- Entrepreneurship
- Industry Institute intraction
- Alumni Connect

## CERTIFICATION COURSES

- CYBER SECURITY
- AUTODESK FUSION-360
- BLOCK CHAIN
- REVIT
- LABVIEW
- MACHINE LEARNING IN PYTHON
- 3D PRINTING
- JAVA SCRIPT & .NET FRAME WORK
- VLSI
- AUGMENTED REALITY AND VIRTUAL REALITY
- PYTHON PROGRAMMING
- EMBEDDED SYSTEM & IOT

# OUR CENTRE OF EXCELLENCE

At **RIT**, our relentless goal is to achieve global recognition for our comprehensive engineering education. We strive for a progressive environment that fosters creativity and learning. We aim to create a research and entrepreneurial ecosystem without limits. We are dedicated in making a positive impact on society through sustainable practices. To achieve this, we have set up various Centre of Excellence to ensure excellence in all areas. Our ultimate aim is to shape our students into conscientious and versatile individuals who will drive significant change in the world.



### Virtual and Augmented Reality

Virtual and Augmented Reality (VR/AR) are immersive technologies that simulate real-world environments or enhance them with digital elements.

### Internet of Things (IoT)

Internet of Things (IoT) is a network of physical devices, vehicles, and other objects embedded with sensors and software for data exchange.





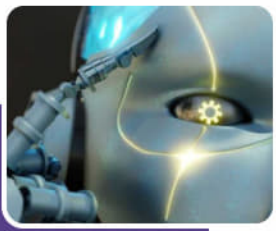

### Blockchain Technology

Blockchain technology is a decentralized, secure, and transparent ledger system that enables peer-to-peer transactions without intermediaries.

### 3D Printing & Manufacturing

An introduction to 3D printing and additive manufacturing processes, materials and benefits.





### Artificial Intelligence (AI)

Artificial Intelligence (AI) is the simulation of human intelligence in machines that can learn, reason, and solve problems.

NATIONAL INSTRUMENTS LabVIEW LABVIEW

ICT ACADEMY Innovate... Collaborate... Educate...

DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING
IN ASSOCIATION WITH
C-DAC, HYDERABAD
CYBER SECURITY

# GROW, BEYOND FOUR WALLS.

## THE EXTRA-CURRICULAR ACTIVITIES.

At **RIT**, education goes beyond the traditional classroom setting. We value the importance of experiences outside of class and believe they are just as influential. Students are urged to pursue their interests and talents, whether they are established or still emerging. This approach helps them grow into exceptional individuals by the time they graduate.
















# SPORTS

| | | | | | |
|---|---|---|---|---|---|
| Badminton | Cricket | Volleyball | Football | Athletics | Fitness Center |
| Throwball | Carrom | Table Tennis | Chess | Kabaddi | Kho Kho |

**State Level Champions**
**Womens Vollyball Tournament**



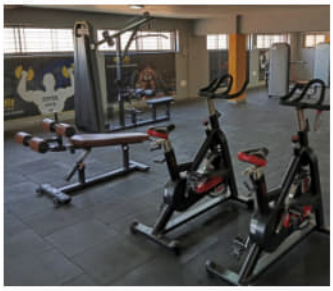


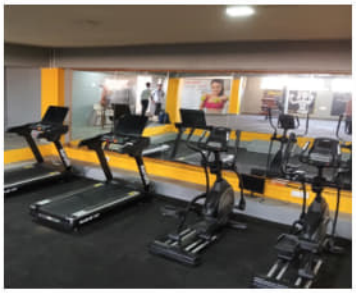










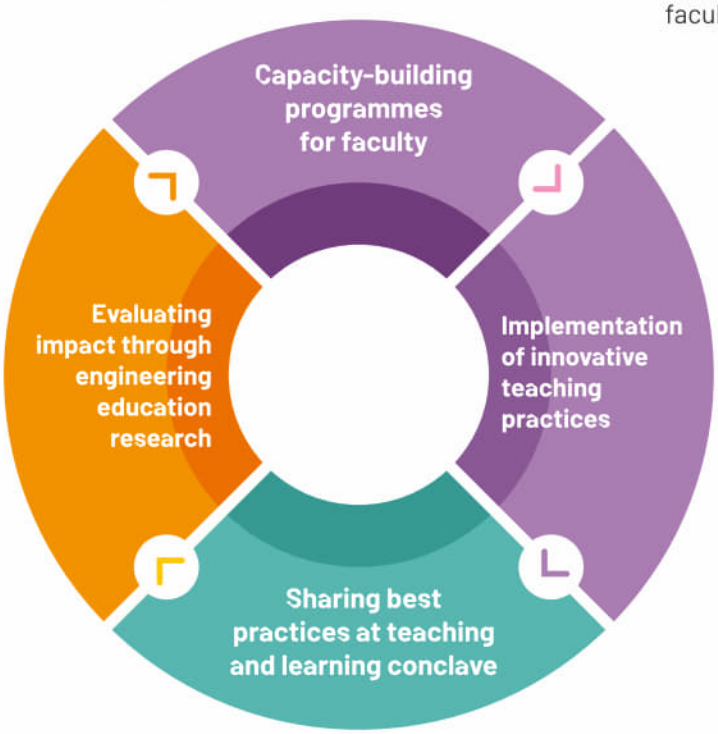


# REED

## RIT FOR ENGINEERING EDUCATION DEVELOPMENT

QS I-GAUGE INDIAN COLLEGE RATING GOLD

**RIT** is committed to fostering an environment that promotes innovative teaching and learning practices. This commitment has resulted in faculty members embracing various evidence-based pedagogies, as highlighted and supported by the RIT for Engineering Education Development (REED). REED consistently organizes training sessions and motivates faculty to participate in educational research.




| | |
|---|---|
| 29 | Seminars organised |
| 33 | Workshops Organised |
| 15 | Faculty Development Programmes Organised |
| 12 | Patents |
| 10 | Short-term training Programmes Organised |
| 126 | Faculty Trained |
| 150 | Paper Published |

## OUR TEACHING METHODOLOGIES

01 STUDENT CENTERED LEARNING

02 PROJECT BASED LEARNING

03 BLENDED LEARNING

04 SERVICE LEARNING

05 ONLINE LEARNING

# PLACEMENT TRAINING

**RIT** offers a distinct advantage with its Training and Placements (T&P) Cell, which provides customized courses for the industry and enhances your technical and communication skills for campus recruitment. Through on-campus placement events, you will have access to job opportunities from renowned engineering and multinational companies. Additionally, starting from your first year, we will assist you in securing internships to gain practical experience in your desired field.

## CAREER GUIDANCE CELL

The career guidance cell provides relevant academic and career information to enable Students to make informed decisions along the way. The Career Guidance Cell provides commendable services in areas of Campus Interviews; Job Placements and training programmes for our students that enable them to develop applicable skills in the competitive job market.

**15** MoUs signed with industries for internship opportunities

**20+** in-house internship offered to students in the last 3 years.

**10+** Training Partners

**95+** Recruiters

## FIRST YEAR

**BRIDGE COURSE AND COMMUNICATION SKILL**

- To bridge the gap and to over come the stage fear and improve communication skills, communication skills training is conducted in the 1st year.
- Introduction to Technical Communication Fundamentals of Technical Communication Skills.
- How to improve Interpersonal Communication Skills,
- Developing Interpersonal Skills.
- Basic English Grammar.
- Communication Skills.

## SECOND YEAR

**SOFT SKILLS - 1 AND 2**

- Brush up classes on Communication classes, presentation skills, Grammar.
- Extempore/Public Speaking, Difference between Extempore/Public Speaking, and Guidelines for Practice
- Resume Writing.
- Group Discussion, Letter writing.
- Introduction to Aptitude, Vedic Mathematics.
- Introduction to Quantitative aptitude
- Introduction to C programming language.
- Developing Interpersonal Skills.
- Basic English Grammar.
- Communication Skills.

## THIRD YEAR

**EMPLOYABILITY SKILLS 1 AND 2**

- Brush up classes of Quantitative aptitude.
- Quantitative aptitude of difficulty easy and advanced.
- Reasoning ability.
- Domain specific skill enhacement technical training viz. Java, Python, Revit Architecure, google skecth up, Vray, CATIA, Embedded systems.

## FOURTH YEAR

**PRE -PLACEMENT TRAINING**

- Pre assesment.
- Brush up of Quantitative ability sessions, reasoning ability sessions.
- Resume writing.
- Group discussion.
- Mock groud discussions.
- Mock interviews.
- Campus to corporate sessions Campus recruitment drives.

# PLACEMENTS

Global Companies and other MNC companies visit this campus to recruit exceptional candidates through placement drives because of their skills, experience, and capacity to excel and take charge in any setting.

**75%** Student successfully Placed in last 5 years

**95+** Companies visited for recruitments in last 5 years

**₹ 8.7 LPA** Highest package offered

**₹ 3.5 LPA** Average package offered

## KEY RECRUITERS

wipro | ITC Limited | PROXELERA

Infosys | BOSCH | ZenSar TECHNOLOGIES

DEVTOOLS Empowering Digital Transformation | Trellissoft From Disruption ② Disruptor | cognizant

Deloitte. | amazon | LG Soft India

TCS TATA CONSULTANCY SERVICES | accenture | MICROLAND Making digital happen

Mindtree Welcome to possible | brigosha technologies | FIDELITY NATIONAL FINANCIAL

FISSION LABS

# TESTIMONIALS FROM OUR CHANGEMAKERS



### Rakshith P

Programmer Analyst ,
**Cognizant Technology Solutions**

My four years at RIT have been excellent and a memory to cherish for a lifetime. Immeasurable quality of knowledge and values instilled in us by the institution carved me a better individual and made me to achieve my biggest dream of getting placed. I am proud to be associated with such a prestigious institution through which I'm placed in Cognizant Technology Solutions. All the faculty members are very cooperative and they groom our skills with their immense knowledge and incredible support. RIT placement training incorporates a very useful curriculum, the value of which is further enhanced through study material and guidance provided by the placement officer. I would like to appreciate the placement cell at RIT for the efforts they made for providing a fair and ample amount of chances to us students. The faculty members worked so hard on our overall development and conducted boot-camps and extra classes for us to enhance our technical and interpersonal skills. I loved my time here at RIT.



### Kruthika K Lader

Senior Associate
**NTT Data Service**

Hello, my name is Kruthika. My four years experience atRIT is cherish able and memorable for a lifetime. RIT is a professional and friendly learning environment with high quality teaching, assessment and management of learning. I learnt a lot and it helped me to grow in my career and achieve my goals. I am proud that I am a part of such a well-known institution. All the faculty members are very supportive and helped us a lot to achieve our goals. RIT placement training played a major role to place students to a various well-known corporate company and to enter a corporate life with ethics and professionalism. Faculty members worked so hard on our overall development and supported a lot to grow as a professional with well groomed technical skills. I would like to thank all my faculty members and placement coordinators of RIT. Because of all these efforts now I am placed in NTT DATA Information Processing Services Former DELL Services I agree to the famous proverb that in-Student life is golden life. I am missing those golden days which I spent in RIT.



### Noor Fyza

Assoc. Sn. Software Engineer
**Cerner Healthcare Solution**

This is Noor Fyza, an alumni of Rajeev institute of Technology currently working at Cerner Healthcare Solutions. The best thing about our college is that it is the adequate mix of both academics and sports resulting in students topping the university as well as the students winning trophies in sports. To get placed while studying is not a cup of tea to everyone but faculties at RIT gave their best to make it possible. I was placed in Sigma InfoSolutions Ltd in my final year all thanks to Training and Placements department of RIT for not just bringing many companies to our college but also to make sure all the students are well trained before attending the interview. And as i see every year the output of placed students have been exponentially increasing which indeed shows the progress of the institute and makes me more proud.



### Koushik K M

Risk Analyst
**Amazon Service**

My four year of engineering journey at RIT has been memorable and cheerful, years spent here has been full of learning opportunities that was full of fun and frolic. Also sometimes with academic grind that one has to go through, studying at RIT brought an added value to my life. I have received a great support and cooperation from faculties and Placement cell. I am thankful to the placement and training department for providing a platform to enhance my skills and giving me an opportunity to showcase them. I loved my time here at RIT Now I feel happy to say that I got placed in AMAZON as a Risk Analyst.



### Abid U R Rahman

System Engineer
**Infosys Limited**

Rajeev Institute of technology has been a great contributor in development of my personality as professional by imbibing ethos, leveraging interpersonal skills and enhance academic performance. Activities apart from curriculum organised by institution gave a boost to my persona dynamically. Diligent professors and placement cell helped got exposure to industry trends and scale me up to brag of a placement in an IT giant. I am very grateful to RiT for splendid years of my graduation



### Nisarga

Software Engineer
**Robert Bosch Engineering & Business Solution**

I am Nisarga, completed my computer science and engineering in 2018 and got placed in Robert Bosch Engineering and Business Solution. Faculties are very supportive and encouraging this students to participate in various co-curricular activities. The atmosphere of this institution is good and infrastructure is so awesome. They have trained us for the placement. The placement cell is the best place where the placement team put all their effort for placements. I would like to thank the placement cell and faculties for guiding me and providing me a good platform(company)for my career.



# Dr. V. Rajeev Vidya Aasare

## FREESHIP / SCHOLARSHIP



**The scheme aims to provide freeship /scholarship to 50 students getting admission at Rajeev Institute of Technology from First-year level, in appreciation of their outstanding achievements in academic, co-curricular, sports and extra-curricular activities.**

| Sl. No. | CET Ranking | Tuition Fee Concession* | College Fee Concession* | Transportation Fee Concession* | Remarks |
|---|---|---|---|---|---|
| 1 | 1 to 5000 | Free | Free | Free | For all 4 years |
| 2 | 5001 to 10000 | 50% | 50% | 50% | For all 4 years |
| 3 | 10001 to 20000 | 25% | 25% | 25% | For all 4 years |
| 4 | 20001 to 25000 | 25% | 25% | 25% | For First 2 years |
| 5 | 25001 to 35000 | 25% | 25% | 25% | First Year Only |

**NOTE**

*Fee concession is extended only for direct admission under management quota.

- This concession fee will be extended for 50 students on first come first serve basis.
- 50 students scholarship will be divided to all branches.
- Please contact college for more on terms and conditions.




# RAJEEV INSTITUTE OF TECHNOLOGY

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