

CODE OF CONDUCT FOR STUDENTS



RAMCO INSTITUTE OF TECHNOLOGY

(Approved by AICT, New Delhi and Affiliated to Anna University
Accredited by NAAC & an ISO 9001:2015 Certified Institution
NBA Accredited UG programs: CSE, EEE, ECE, Mechanical)

College : 04563 – 233400-04
Hostel : 04563- 233426/477/457
Trust Office : 04563 – 235598
E-mail : rit@ritrjpm.ac.in
Website : www.ritrjpm.ac.in

PERSONAL MEMORANDA

Name :

Program (B.E/B.Tech):

Branch:

Roll No.:

Reg. No.:

Blood Group :

Mobile:Email:.....

Bank Account No.:

Aadhaar No.:.....

PAN No. :.....

Driving License No. :

Any Specific Health Issue

and the First Aid Medicine:.....

Parent / Guardian Name:

| | |
|---------------------|----------------|
| Residential Address | Office Address |
| Mobile: | Mobile: |
| Email: | Email: |

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Institute's Profile

Ramco Institute of Technology (RIT) was inaugurated in the academic year 2013-14 by the founder Chairman Shri P. R. Ramasubrahmaneya Rajha. "Nestled in the foothills of the Western Ghats with well-connected road and train transport, RIT is equipped with a world-class state-of-the-art infrastructure." The institution is approved by AICTE and is affiliated to Anna University, Chennai. Over the years, RIT has been successfully ranked among the top engineering colleges in Tamilnadu. It is an ISO 9001:2015 certified institution with NAAC accreditation and NBA accreditation for CSE, EEE, ECE and Mechanical departments. The overall management of the institution is presently vested with the Governing Council under the able leadership of Shri. P.R. Venketrama Raja, Chairman, RAMCO Group of Industries, and is fully supported by the Ramco group to create quality engineers for future needs.

Courses Offered

The following 6 Undergraduate Courses are offered at RIT:

- B.E. Civil Engineering
- B.E. Computer Science and Engineering
- B.E. Electrical and Electronics Engineering
- B.E. Electronics and Communication Engineering
- B.E. Mechanical Engineering
- B.Tech. Artificial Intelligence and Data Science

Founder Chairman's Vision



Our Founder Chairman, Shri P.R.Ramasubrahmaneya Rajha established RIT as a corporate social contribution to offer value based quality technical education at an affordable cost. His vision of creating able Engineers with sound practical knowledge, ready for taking-up challenging tasks in core areas of engineering resulted in establishing this institute with spacious physical infrastructure and most modern laboratory facilities. Today, with a team of resourceful and experienced faculty members, RIT is progressing as an Institution of Excellence in Engineering Education and Research.

Chairman's Message



Dear Engineering Graduates

My best wishes for a bright future.

I am pleased to inform you that, RAMCO Institute of Technology (RIT) has been established to offer value based quality engineering education to the young talented boys and girls of the present generation. RIT is a unique institute with a difference from other engineering institutions, guided by prominent Governing Council and Advisory Committee consists of eminent academicians such as Prof.M.S.Ananth, Former Director of IIT, Madras, Prof.M.S.Palanisamy Former VC of Tamilnadu Open University and others.

The Advisory Committee selects highly talented academic faculty members who impart wholesome engineering education using

modern teaching learning methodology, giving more emphasis on practical education relevant to industry needs. The faculty members update their knowledge by pursuing online courses offered by overseas Universities and the knowledge gained through the courses are used for their teaching. The faculty members are committed to provide quality education to the students who join RIT.

The excellent infrastructure created at RIT provides a conducive learning atmosphere. RIT provides the right ambiance for the students to have world class education and helps them transform into highly talented graduates capable of life-long learning.

I invite aspiring students to join RIT for experiencing the best engineering education and to prosper in their life.

Shri.P.R.Venketrama Raja
Chairman, Ramco Group

Management Representatives

Governing Council

| Sl. No. | Name | Position | Professional occupation |
|---------|---|--------------------|---|
| 1 | Shri.P.R.Venketrama Raja | Chairman | Chairman, Ramco Group of Companies & Managing Trustee, Raja Charity Trust |
| 2 | The Director , Southern Regional Office, AICTE | Member | Ex-officio member |
| 3 | The Commissioner of Technical Education, Chennai | Member | Ex-officio member |
| 4 | Prof. S. Sivanesan | University Nominee | Professor of Applied Science and Technology, AC Tech, Anna University Chennai |
| 5 | Prof.M.S.Ananth | Member | Former Director of IIT, Madras, Visiting Faculty at IISc Bangalore. |
| 6 | Shri.S.S.Ramachandra Raja | Member | Trustee, Raja Charity Trust, Rajapalayam. |
| 7 | Shri.N.K.Ramasuwami Raja | Member | Trustee, P.A.C. Ramasamy Raja Education Charity Trust, Rajapalayam. |
| 8 | Shri.A.V.Dharmakrishnan | Member | CEO, The Ramco Cements Ltd(TRCL), Chennai. |
| 9 | Shri.N.K.Shrikantan Raja | Member | Director, Ramco Industries Limited, Chennai |
| 10 | Prof.M.S.Palanichamy | Member | Former Vice-Chancellor, Tamil Nadu Open University |
| 11 | Dr.R.Venkatraj | Member | CEO, Ramco Educational Institutions at Rajapalayam |
| 12 | Dr. L. Ganesan | Member Secretary | Principal, Ramco Institute of Technology, Rajapalayam |

| Sl. No. | Name | Designation |
|----------------|----------------------|---------------------------|
| 1 | Dr.R.Venkatraj | Chief Educational Officer |
| 2 | Dr.L.Ganesan | Principal |
| 3 | Dr.S.Rajakarunakaran | Vice Principal |
| 4 | Mr.K S Selvaraj | General Manager (Admin) |
| 5 | Dr.S.Dharmar | HOD/Civil |
| 6 | Dr.K.Vijayalakshmi | HOD/CSE |
| 7 | Dr.S.Kannan | HOD/EEE |
| 8 | Dr.S.Periyamayagi | HOD/ECE |
| 9 | Dr.S.Rajakarunakaran | HOD/MECH |
| 10 | Dr.M Kaliappan | HOD/AD |
| 11 | Dr.K.Basarikodi | HOD/Maths |
| 12 | Dr. N. Karthikeyan | HOD/Physics |
| 13 | Dr. O. Senthilkumar | HOD/Chemistry |
| 14 | Dr.M.Anand | HOD/English |

Institution's Vision

To evolve as an Institute of international repute in offering high-quality technical education, research and extension programmes in order to create knowledgeable, professionally competent and skilled Engineers and Technologists capable of working in multi-disciplinary environment to cater to the societal needs.

Institution's Mission

To accomplish its unique vision, the Institute has a far-reaching mission that aims:

- To offer higher education in Engineering and Technology with highest level of quality, Professionalism and ethical standards;
- To equip the students with up-to-date knowledge in cutting-edge technologies, wisdom, creativity and passion for innovation, and life-long learning skills;
- To constantly motivate and involve the students and faculty members in the education process for continuously improving their performance to achieve excellence.

Quality Policy

RIT aims to impart Quality Education in Engineering and Technology through an effective teaching-learning process, up-gradation of facilities and human resources, collaborating with Industry for promoting training

and placement, research and consultancy activities with a commitment to continual improvement of Quality Management System.

Program Outcomes (POs)

Engineering Graduates will be able to:

1. **Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
2. **Problem analysis:** Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
3. **Design/development of solutions:** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
4. **Conduct investigations of complex problems:** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
5. **Modern tool usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools

including prediction and modeling to complex engineering activities with an understanding of the limitations.

6. **The engineer and society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
7. **Environment and sustainability:** Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
8. **Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
9. **Individual and team work:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
10. **Communication:** Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
11. **Project management and finance:** Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member

and leader in a team, to manage projects and in multidisciplinary environments.

- 12. Life-long learning:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

DEPARTMENT OF CIVIL ENGINEERING

Vision

Create knowledgeable and professionally competent Civil Engineers who are capable of providing global solutions to the problems related to Civil Engineering.

Mission

- Impart high quality education and technical skills to transform students into Professional Civil Engineers.
- Establish state-of-the-art infrastructure for updating knowledge in recent developments and cutting edge technology.
- Bridge the gap between academics and industry by practical training and providing solutions for design projects related to Civil Engineering.
- Motivate the faculty and students in the teaching learning process for achieving excellence to meet the global standards.

- Produce graduates with high professional and ethical standards for fulfilling the needs of the industry and society.

Program Educational Objectives (PEOs)

- Graduates of the programme will be professionally competent and apply the fundamental concepts of mathematics, science and Civil Engineering to solve problems in Civil Engineering.
- Graduates of the programme will perform their responsibilities as professional Civil Engineers with quality and ethics.
- Graduates of the programme, as part of an organization or as Entrepreneurs, will continue to learn with evolving technologies.
- Graduates of the programme will innovate and provide global solutions for a sustainable built environment.
- Graduates of the programme will contribute to the development of sustainable Infrastructure for the betterment of society.

Program Specific Outcomes (PSOs)

On completion of the degree, the students will be able to:

- Communicate and present civil engineering projects effectively.
- Use the techniques, skills, and modern engineering tools necessary for civil engineering practice and project management.
- Provide sustainable solutions to civil engineering problems.
- Perform as design consultants in construction industry for the design of civil engineering structures.

Faculty Details

| Sl. No | Name | Qualification | Designation |
|---------------|-------------|----------------------|--------------------|
|---------------|-------------|----------------------|--------------------|

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|-----|---------------------------|------------------|-----------------------------------|
| | | | |
| 1. | Mr.S.Dharmar | B.E., M.E. | Assistant Professor (SG) and Head |
| 2. | Mr.G.Karthikeyan | B.E., M.E. | Assistant Professor (SG) |
| 3. | Mrs.C.Subha | B.E., M.E. | Assistant Professor (SG) |
| 4. | Mrs.D.Darling Helen Lydia | B.E., M.Tech. | Assistant Professor |
| 5. | Mr.T.Chockalingam | B.E., M.E. | Assistant Professor |
| 6. | Mrs.R. Kalaimani | B.E., M.E. | Assistant Professor |
| 7. | Mr.R.Muruganantham | B.E., M.E. | Assistant Professor |
| 8. | Mr.J.Ram Prashath | B.E., M.E. | Assistant Professor |
| 9. | Mr.A.Manicka Mamallan | B.E., M.E. | Assistant Professor |
| 10. | Mrs.A.Leema Margret | B.E., M.E., Ph.D | Assistant Professor |
| 11. | Mr.V.Ragavan | B.E., M.E. | Assistant Professor |
| 12. | Dr..M.Indhumathi | M.E.,Ph.D | Assistant Professor |

Technician Details

| Sl. No | Name | Qualification |
|--------|---------------------|---------------|
| 1. | Mrs.R.Chitra | B.E. |
| 2. | Mrs.S.Manibharathi | D.C.E |
| 3. | Mr.M.Saravana Kumar | D.C.T |
| 4. | Mr.M.Suria Kumar | I.T.I |
| 5. | Mr.A.Arumuganesh | D.C.E |
| 6. | Ms.M.K.Suveka | B.E. |
| 7. | Mr.J.Nagaraj | B.E. |

Supporting Staff Details

| Sl. No | Name | Qualification | Designation |
|--------|----------------|---------------|------------------|
| 1. | Ms.M.Nageswari | B.Sc (CS) | Junior Assistant |
| 2. | Mr.C.Rajasekar | +2 | Office Assistant |

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Vision

Excellence in Computer Science and Engineering by offering quality technical education catering to research and development.

Mission

- Equip the department with modern infrastructure for high quality education and carrying out research in emerging technologies in Computer Science and Engineering.
- Expose the students, faculty and staff to a globally competitive learning experience.
- Motivate students to realize the responsibility of being professionally competent computer technocrats to serve the society by inculcating Ethical and Environmental aspects.

Program Educational Objectives (PEOs)

- Graduates will have successful career in IT and related industries or pursue higher education and research or evolve as entrepreneurs.

- Graduates will have the ability and attitude to adapt to emerging technological changes.
- Graduates will excel as socially committed engineers with high ethical values, leadership qualities and empathy for the needs of society.

Program Specific Outcomes (PSOs)

After successful completion of the degree, the students will be able to:

- Excel in software development including mobile technologies to solve complex computation task with soft skills.
- Apply appreciable knowledge of IoT, Cloud Computing and Cyber Security to develop reliable IT solutions.
- Exhibit proficiency in Artificial Intelligence and Big Data Analytics for providing solutions to real world problems in Industry and Research establishments.

Faculty Details

| Sl. No | Name | Qualification | Designation |
|---------------|----------------------|----------------------|--------------------------|
| 1. | Dr.K.Vijayalakshmi | M.E.,Ph.D. | Professor and Head |
| 2. | Dr.V.Anusuya | M.E.,Ph.D. | Associate Professor |
| 3. | Dr.M.Gomathy Nayagam | M.E.,Ph.D. | Associate Professor |
| 4. | Dr.R.Venkatesh | M.E.,Ph.D. | Assistant Professor (SG) |

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|-----|--------------------------------|---------------------|--------------------------|
| 5. | Mrs.M.Swarna Sudha | M.E. (Pursuing PhD) | Assistant Professor (SG) |
| 6. | Mrs.B.Vijayalakshmi | M.E. (Pursuing PhD) | Assistant Professor (SG) |
| 7. | Mrs.N.Nithya | M.E. (Pursuing PhD) | Assistant Professor |
| 8. | Ms.P.Jothi Thilaga | M.E. (Pursuing PhD) | Assistant Professor |
| 9. | Ms.S.Manjula | M.E. (Pursuing PhD) | Assistant Professor |
| 10. | Mr.C.A.Yogaraja | M.E. (Pursuing PhD) | Assistant Professor |
| 11. | Mr.K.Vignesh Saravanan | M.E. (Pursuing PhD) | Assistant Professor |
| 12. | Ms. G. Sakthi Priya | M.E. | Assistant Professor |
| 13. | Dr. I Gethzi Ahila Poornima | M.E.,Ph.D | Assistant Professor |

Technician Details

| Sl. No | Name | Qualification |
|--------|-------------------------------------|---------------|
| 1. | Mr.S.Narayana Moorthy (Data Centre) | DECE , BCA |
| 2. | Mr.K.Muthu Kumar (Data Centre) | DCE |
| 3. | Mr.S.Suresh Kumar | BCA |
| 4. | Mr.B.Siva Sundarji | DCE |
| 5. | Mr.G.Ramesh Kumar | BSC (CS&IT) |

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| 6. | Mr.S.Sankara Chockalingam | MCA |
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Supporting Staff Details

| Sl. No | Name | Qualification | Designation |
|---------------|------------------|----------------------|--------------------|
| 1. | Ms.R.Subalakshmi | Junior Assistant | BSC (CS) |
| 2. | Mr.P.Sakthi | Office Assistant | SSLC |

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Vision

To produce highly competent Electrical and Electronics Engineers with professional skills and a sense of ethics to meet the demands of technologically advancing society.

Mission

- Empowering the students with up-to-date knowledge and technological skills in Electrical and Electronics Engineering thrust areas.
- Providing a rigorous practical training through industrial collaboration to produce Electrical and Electronics Engineers with good design experience.
- Adopting effective teaching learning methodologies and value added courses to create Electrical and Electronics Engineers with a strong fundamental knowledge.

- Enabling the students to be life-long learners to meet intellectual, ethical and career challenges.

Program Educational Objectives (PEOs)

- Graduates will pursue their careers in diversified sectors of the industry, higher education in their fields of interest and/or emerge as entrepreneurs.
- Graduates will design, manufacture, and/or maintain systems in the field of electrical and electronics engineering and allied engineering industries.
- Graduates will work effectively as individuals and as team members in multidisciplinary projects with leadership qualities, social and ethical responsibilities.

Program Specific Outcomes (PSOs)

After successful completion of the degree, the students will be able to

- PSO1: Analyse the performance of electrical and electronic systems using modern software packages.
- PSO2: Specify, design, prototype and test electronic systems and embedded systems in various engineering applications.
- PSO3: Design and develop the hardware and software required for industrial automation systems.

Faculty Details

| Sl. No | Name | Qualification | Designation |
|---------------|------------------|----------------------|---------------------|
| 1. | Dr.S.Kannan | M.E.,Ph.D. | Professor and Head |
| 2. | Dr.K.Karthikeyan | M.E.,Ph.D. | Associate Professor |

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|-----|------------------------------|---------------------|--------------------------|
| 3. | Dr.B.Deepa Lakshmi | M.E.,Ph.D. | Associate Professor |
| 4. | Mr.D.Karthik Prabhu | M.E. (Pursuing PhD) | Assistant Professor (SG) |
| 5. | Mr.N.Ganesh | M.E. (Pursuing PhD) | Assistant Professor (SG) |
| 6. | Mr.E.Thangam | M.E. (Pursuing PhD) | Assistant Professor (SG) |
| 7. | Mr.S.Meenakshi Sundaravel | M.E. (Pursuing PhD) | Assistant Professor (SG) |
| 8. | Mr.A.Arun Kumar | M.E. (Pursuing PhD) | Assistant Professor |
| 9. | Mr.A.S.Vigneshwar | M.E. (Pursuing PhD) | Assistant Professor |
| 10. | Mrs.S.Jeyanthi | M.E. (Pursuing PhD) | Assistant Professor |
| 11. | Ms.S.Sharmilakumari | M.E. | Assistant Professor |
| 12. | Mrs.G.Sivapriya | M.E. | Assistant Professor |
| 13. | Mr.A.Guna | M.E. | Assistant Professor |

Technician Details

| Sl. No | Name | Qualification |
|--------|------------------|---------------|
| 1. | Mr.P.Vijayakumar | B.E. |
| 2. | Mr.V.Jothibass | D.EEE |
| 3. | Mr.S.Muthuraman | D.EEE |
| 4. | Mr.I.John Britto | B.E. |
| 5. | Mr.S. Prem Kumar | D.EEE |

Supporting Staff Details

| Sl. No | Name | Qualification | Designation |
|--------|------------------|---------------|------------------|
| 1. | Mrs.P.Palanikani | BCA | Junior Assistant |

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| 2. | Mr.B.Muthukumar | SSLC | Office Assistant |
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**DEPARTMENT OF ELECTRONICS
AND COMMUNICATION ENGINEERING**

Vision

Develop futuristic technologist in Electronics and Communication Engineering to meet the global challenges and the societal needs of our nation.

Mission

- Educate students to become enlightened engineers with the latest know-how to take on the challenges concerned with the society.
- Equip the students with the current trends and latest technologies in the field of Electronics and Communication Engineering to make them technically strong and ethically sound.
- Constantly motivate the students and faculty members to achieve excellence in Electronics and Communication Engineering and Research & Development activities.

Program Educational Objectives (PEOs)

- Graduates will gain knowledge through continuous learning to enhance competency and career prospects.
- Graduates will be technically competent to design, analyze, develop and implement Electronics and Communication Systems.

- Graduates will apply the basic fundamental concepts in Electronic and related fields to solve general engineering Problems related to societal needs.
- Graduates will be professionals with attributes, passion, positive attitude, ethics and moral values for a successful career.
- Graduates will Communicate effectively and interact responsibly with colleagues, employees, team members, clients and the society.

Program Specific Outcomes (PSOs)

After successful completion of the degree, the students will be able to:
(PSOs)

- Adapt to changing environments and develop interpersonal skills through Peer learning.
- Excel in latest technologies of Embedded Systems.
- Design, analyze and develop electronic products in the area of VLSI Design and Communication Systems.
- Contribute as Entrepreneurs in building electronic products.

Faculty Details

| Sl. No | Name | Qualification | Designation |
|---------------|-------------------------------|----------------------|---------------------|
| 1. | Dr.S.Periyanyagi | M.E.,Ph.D | Professor & Head |
| 2. | Dr.A.Azhagu Jaisudhan Pazhani | M.E.,Ph.D | Associate Professor |
| 3. | Dr.S.Vairaprakash | M.E.,Ph.D | Associate Professor |
| 4. | Dr.A.Lakshmi | M.E.,Ph.D | Associate Professor |

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|-----|------------------------|------------------------|-----------------------------|
| 5. | Dr.K.Ragavan | M.E.,Ph.D | Assistant Professor (SG) |
| 6. | Mr.B.Kannan | M.E(Pursuing Ph.D) | Assistant Professor (SG) |
| 7. | Mrs.G.Gnanapriya | M.E (Pursuing Ph.D) | Assistant Professor (SG) |
| 8. | Mrs.V.SlirengaNachiyar | M.E (Pursuing Ph.D) | Assistant Professor (SG) |
| 9. | Mrs.R.Ramalakshmi | M.E (Pursuing Ph.D) | Assistant Professor |
| 10. | Ms.S.Jeeva | M.E(Pursuing Ph.D) | Assistant Professor |
| 11. | Mr.D.Gopinath | M.E(Pursuing Ph.D) | Assistant Professor |
| 12. | Mr.S.Vijayakumar | M.E (Pursuing Ph.D) | Assistant Professor |
| 13. | Mr.A.Rameshbabu | M.E (Pursuing Ph.D) | Assistant Professor |
| 14. | Mr.P.Gunasekaran | M.E (Pursuing Ph.D) | Assistant Professor |
| 15. | Mr.R.Deiva Nayagam | M.E (Pursuing Ph.D) | Assistant Professor |
| 16. | Mr.G.Sivakumar | M.E (Pursuing Ph.D) | Assistant Professor |
| 17. | Mr.P.Venkatesh | M.E | Assistant Professor |

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|-----|-----------------------|------------------------|---------------------|
| | | (Pursuing Ph.D) | |
| 18. | Dr.R.Rajalakshmi | M.E.,Ph.D | Assistant Professor |
| 19. | Ms.S.Harini shriram | M.E | Assistant Professor |
| 20. | Ms.S.A.Radhika | M.E | Assistant Professor |
| 21. | Mr.L.K.Balaji Vignesh | M.E (Pursuing Ph.D) | Assistant Professor |
| 22. | Mrs. G.Subhashini | M.E (Pursuing Ph.D) | Assistant Professor |

Technician Details

| Sl. No | Name | Qualification |
|--------|---------------------|---------------|
| 1. | Mr.A.Muthukrishnan | D.ECE |
| 2. | Mr.G.Muruganantham | D.ECE |
| 3. | Mr.S.Muthujothi | D.ECE |
| 4. | Mr.K.Anthoni samy | D.ECE |
| 5. | Mr.S.Saravanakumar | D.ECE |
| 6. | Mr. M. Anand | D.ECE.,BCA |
| 7. | Mrs. B. Vishnumathi | M.Sc |

Supporting Staff Details

| Sl. No | Name | Qualification | Designation |
|--------|---------------------|---------------|------------------|
| 1. | Mrs. P. Manjuladevi | MCA | Junior Assistant |
| 2. | Mr.K.Muthu Sastha | B.Com. | Office Assistant |

DEPARTMENT OF MECHANICAL ENGINEERING

Vision

Recognized nationally for its quality education, research and extension programmes in Mechanical Engineering

Mission

- Producing technically competent and socially responsible mechanical engineers by imparting knowledge of cutting edge technologies and contemporary issues.
- Encouraging students for active participation in Co-curricular and Extra-curricular activities.
- Motivate students to pursue higher studies and research.
- Establish centres of excellence in promising fields of Mechanical Engineering.
- Develop linkages with industries, R&D organizations and leading educational institutions in India and abroad for achieving excellence in teaching, research and consultancy activities.

Program Educational Objectives (PEOs)

- Graduates will be able to apply the concept of mathematics, science and engineering to solve problems in mechanical engineering/related fields and acquire professional competence.
- Graduates will demonstrate professional development by pursuing higher education and professional certification in the areas of mechanical engineering.

- Graduates will function both independently and as a member of a team in accomplishment of project with social and ethical responsibility.

Program Specific Outcomes (PSOs)

After successful completion of programme, the students should be able to

- Design components of products and develop systems using CAD/CAE tools.
- Provide manufacturing solutions, including material, process(es), process plans and inspect products and their components.
- Design and analyse heat power (thermal) devices/system.
- Develop simulation models of thermal and manufacturing systems using Computer aided analysis tools.

Faculty Details

| Sl. No | Name | Qualification | Designation |
|---------------|----------------------------------|---------------------------|-----------------------------|
| 1. | Dr. S. Rajakarunakaran | M.E.,Ph.D. | Professor & Head |
| 2. | Dr. P. Suresh Kumar | M.E.,Ph.D. | Associate Professor |
| 3. | Mr. M. Lakshmanan | M.E. (Pursuing PhD) | Assistant Professor (SG) |
| 4. | Dr.V.Sivakumar | M.E.,Ph.D. | Associate Professor |
| 5. | Dr.S.Godwin Barnabas | M.E.,Ph.D. | Associate Professor |
| 6. | Mr. J. Jerold John Britto | M.E. (Pursuing PhD) | Assistant Professor (SG) |
| 7. | Mr. S.Maharajan | M.E. (Pursuing PhD) | Assistant Professor |
| 8. | Mr. M.Sivagaminathan @ Balaji | M.E. (Pursuing PhD) | Assistant Professor (SG) |

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|-----|----------------------------------|---------------------------|-----------------------------|
| 9. | Mr. M.Ashok Kumar | M.E. (Pursuing PhD) | Assistant Professor (SG) |
| 10. | Mr.S.Valai Ganesh | M.E. (Pursuing PhD) | Assistant Professor |
| 11. | Mr. C.Gururaj | M.E. (Pursuing PhD) | Assistant Professor (SG) |
| 12. | Mr.G.Prabu ram | M.E. (Pursuing PhD) | Assistant Professor (SG) |
| 13. | Mr.L.Karthikeyan | M.E. (Pursuing PhD) | Assistant Professor |
| 14. | Mr.M.Santhana Maruthu Pandian | M.E. (Pursuing PhD) | Assistant Professor |
| 15. | Mr.R.Arun Kumar | M.E. (Pursuing PhD) | Assistant Professor |
| 16. | Dr.J.Jabinth | M.E.,Ph.D. | Assistant Professor |
| 17. | Mr.R.Venkatesh | M.E. (Pursuing PhD) | Assistant Professor |
| 18. | Mr.N.L.Sujin | M.E. | Assistant Professor |
| 19. | Mr.R.Prabhakaran | M.E. (Pursuing PhD) | Assistant Professor |
| 20. | Mr.T.Selva Sundar | M.E. (Pursuing PhD) | Assistant Professor |
| 21. | Mr.P.Pavithran | M.E. | Assistant Professor |
| 22. | Mr.M.Ramar | M.E. (Pursuing PhD) | Assistant Professor |
| 23. | Mr.S.Kathiravan | M.E. | Assistant Professor |

Technician Details

| Sl. No | Name | Qualification |
|--------|---------------------------|---------------|
| 1. | Mr.P.Selvaraj | I.T.I. |
| 2. | Mr.G.Bala Guru | DME |
| 3. | Mr.U.Jansi Rajan | DME |
| 4. | Mr.P.Murugesan | DME |
| 5. | Mr.C.Pandimuneeswaran | I.T.I. |
| 6. | Mr.P.Ganesan | DME |
| 7. | Mr.M.Muthukumaraalagan | DME |
| 8. | Mr.V.Vandimalaimuthukumar | I.T.I. |
| 9. | Mr.M.Arunachalam | I.T.I. |

Supporting Staff Details

| Sl. No | Name | Qualification | Designation |
|--------|------------------|---------------|------------------|
| 1. | Mrs.T.Gayathri | B.Com | Junior Assistant |
| 2. | Mr.R.Perumalsamy | SSLC | Office Assistant |

DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

Vision

To impart international quality education, promote collaborative research and graduate industry-ready engineers in the domain of Artificial Intelligence and Data Science to serve the society.

Mission

- Excel in Teaching-Learning process and collaborative Research by the use of modern infrastructure and innovative components.

- Establish an Artificial Intelligence and Data Science based centre of excellence to prepare professional technocrats for solving interdisciplinary industry problems in various applications
- Motivate students to emerge as entrepreneurs with leadership qualities in a societal centric programme to fulfil Industry and community needs with ethical standards.

Program Educational Objectives (PEOs)

After successful completion of the degree, the students will be able to

- Apply Artificial Intelligence and Data Science techniques with industrial standards and pioneering research to solve social and environment-related problems for making a sustainable ecosystem.
- Excel with professional skills, fundamental knowledge, and advanced futuristic technologies to become Data Scientists, Data Analyst Managers, Data Science leaders AI Research Scientists, or Entrepreneurs.

Program Specific Outcomes (PSOs)

After successful completion of programme, the students should be able to

- To apply analytic technologies to arrive at actionable foresight, Insight, hindsight from data for solving business and engineering problems
- To create, and apply the techniques of AI and Data Science to forecast future events in the domain of Healthcare, Education, and Agriculture, Manufacturing, Automation, Robotics, Transport, etc

- To enrich the critical thinking skills in emerging technologies such as Hybrid Mobile application development, cloud technology stack, and cyber-physical systems with mathematical aid to foresee the research findings and provide the solutions.

Faculty Details

| Sl. No | Name | Qualification | Designation |
|---------------|----------------|----------------------|---------------------|
| 1. | Dr.M.Kaliappan | M.E.,Ph.D | Professor and Head |
| 2. | Dr.S.Vimal | M.E.,Ph.D | Associate Professor |

Technician Details

| Sl. No | Name | Qualification |
|---------------|-------------------|----------------------|
| 1. | Mr.M.Chandrasekar | M.C.A |

DEPARTMENT OF SCIENCE AND HUMANITIES

The department of Science and Humanities comprises the Mathematics, Physics, Chemistry, and English departments. These

departments are involved in imparting fundamentals of science and engineering. The highly qualified faculty team is constantly working to improve the verbal aptitude, problem-solving, and scientific thinking skills of the students. The focus is on giving practical exposure to strengthen the basics in the first year, which would help the students in their long engineering career. To augment students' learning, the college has fully-equipped laboratories like the Math Lab, Physics Laboratory, Chemistry Laboratory, and the Language Laboratory.

Department of Mathematics

Faculty Details

| Sl. No | Name | Qualification | Designation |
|---------------|------------------|-------------------------------------|--------------------------|
| 1. | Dr.K.Basarikodi | M.Sc., M.Phil., Ph.D | Professor and Head |
| 2. | Dr.L.Sathikala | M.Sc., M.Phil., Ph.D | Associate Professor |
| 3. | Dr.T.Manimaran | M.Sc., M.Phil., Ph.D | Associate Professor |
| 4. | Mr.K.Subramanian | M.Sc., M.Phil.(Pursuing Ph.D) | Assistant Professor (SG) |
| 5. | Dr.U.Kumaran | M.Sc., M.Phil., Ph.D | Assistant Professor (SG) |
| 6. | Dr.R.Subasree | M.Sc., M.Phil., Ph.D | Assistant Professor (SG) |
| 7. | Dr.G.Selvaraj | M.Sc., M.Phil., Ph.D | Assistant Professor |
| 8. | Mr.T.Selvaganesh | M.Sc., M.Phil(Pursuing Ph.D) | Assistant Professor |

Department of Physics

Faculty Details

| Sl. No | Name | Qualification | Designation |
|---------------|------------------------|----------------------------------|------------------------------------|
| 1. | Dr. N. Karthikeyan | M.Sc., M.Phil., Ph.D., M.C.A. | Assistant Professor (SG) & Head |
| 2. | Dr. T. Vigneswari | M.Sc., M.Phil., Ph.D. | Assistant Professor (SG) |
| 3. | Dr. P. Thiruramanathan | M.Sc., M.Phil., Ph.D., SET | Assistant Professor |
| 4. | Dr. R. Srinivasan | M.Sc., Ph.D., SET, GATE | Assistant Professor |
| 5. | Dr. K. Jeyapappa | M.Sc., M.Phil., Ph.D. | Assistant Professor |

Technician Details

| S. No. | Name of the Lab Technician | Qualification |
|---------------|-----------------------------------|----------------------|
| 1. | Mrs. V. Prabha | B.C.A., M.Sc. |

Department of Chemistry

Faculty Details

| Sl. No | Name | Qualification | Designation |
|---------------|-----------------------------|--|---------------------------------|
| 1. | Dr. O. Senthilkumar | M.Sc. (NET) Ph.D. (Anna University, Chennai) PDF (Japan) | Associate Professor and Head |
| 2. | Dr.G.Kanthimathi | M.Sc., M.Phil., Ph.D., PGDCA | Associate Professor |
| 3. | Dr.N.Revathi | M.Sc., M.Phil., Ph.D. | Assistant Professor (SG) |
| 4. | Dr. M. Venkatesh Perumal | M.Sc., M.Phil., Ph.D. | Assistant Professor |

Technician Details

| Sl. No. | Name of the Lab Technician | Qualification |
|----------------|-----------------------------------|----------------------|
| 1. | Mr.C.Munichelvam | B.Sc. (Chemistry) |

Department of English

Faculty Details

| Sl. No | Name | Qualification | Designation |
|---------------|-------------------------|-------------------------------------|-------------------------------|
| 1. | Dr. M . Anand | M.A., M.Phil., Ph.D | Associate Professor & Head |
| 2. | Dr. G. Godson Bedeiah | M.A., M.Phil., Ph.D, SET, NET | Assistant Professor (SG) |
| 3. | Dr. M. Anish Alfred Vaz | M.A., M.Phil., Ph.D | Assistant Professor (SG) |
| 4. | Dr. R. Naganathan | M.A., M.Phil., Ph.D | Assistant Professor |

Technician Details

| Sl. No. | Name of the Lab Technician | Qualification |
|----------------|-----------------------------------|-----------------------------------|
| 1. | Mr. A. Veerappan | Diploma in Computer Technology |

Campus Rules and Academic Guidelines for Students

Engineering is an important profession. Students who join Engineering College must make best use of the 4-years of their campus life to transform into successful Engineers/Technologists. The following rules and guidelines are framed to provide all students a comprehensive view of the academic environment that promotes a disciplined and holistic approach for good learning and building careers.

1. Admission to various courses offered by the college is as per the GO of Tamil Nadu and DOTE guidelines. Every Student should pay the prescribed fees at the time of admission to the College. Usually the Student shall make full payment of entire annual fee during admission or before the specified date. If any Student leaves

the College in the middle of the Semester/Year, no fee will be refunded except the refundable deposit, if any.

2. All Students who joined RIT should feel proud that they are here to pursue a value-based Engineering education to transform themselves.
3. **The working days are from Monday to Saturday in a week except second / fourth Saturday and Govt. Holidays. However, during Internal Tests, in the event of shortage of working days, to complete the syllabus, University Examinations and on important occasions, all Saturdays will be working days.** The classes will be conducted from 9.00 am to 3.50 pm on all working days. The list of holidays is given in the Academic schedule.
4. All Students have to be inside the Classrooms/Laboratory before 8.50 am on all working days.
5. Students are expected to be seated in the Classrooms/Laboratories five minutes before the commencement of each theory class/practical class.
6. All Students are expected to come to the classes in neat and formal dress with identity cards. All Students should be in uniform (lab coats/dress) during practical classes, Internal Assessment Tests and University Practical Examinations. Wearing Jeans, T-Shirts, Fancy dress is strictly banned.
7. Students should maintain discipline and silence inside the Lecture Hall/Laboratory/Drawing Hall/Workshop/Library etc., and involve in learning.

8. Every Student should bring separate notebook for each theory subject and observation notebooks and records to the laboratory classes regularly as per the Time Table.
9. Students will have a tea/coffee break of 20 minutes in the forenoon and a lunch break of 40 minutes as per the time schedule given in the time table. All Students are asked to take lunch provided by the college and no one should bring lunch from home/outside.
10. [Students are advised to follow the safety measures and guidelines given by the respective laboratory in-charges.](#)
11. Students should bring their own calculators (make and model as approved by the University), drawing instruments, charts, data handbook, etc., whenever needed.
12. Students are advised not to bring any valuable items to the college. They should take care of their belongings.
13. All students should keep their places neat and clean. They should avoid chewing bubble gum, chocolate, etc., inside the class room/laboratory during classes. They are advised to throw the dirt/paper pieces, etc., only in dustbins.
14. Whenever they move out of their place/classrooms/labs, they have to switch off the lights, fan, computers, printers, etc. All are responsible for conserving the energy.
15. Each Student is advised to earn 100% attendance by attending all classes. They are also advised to write all tests and examinations.
16. Every student is expected to write all tests as detailed in the academic [schedule and pass each Internal Assessment Test by](#)

securing at least 60% marks. Students failing in more than two subjects in internal tests will have to bring their parents for meeting the HOD/Principal to discuss the reasons for failure and to explore the means of improvement.

17. The students indulging in indisciplinary activities and frequent absenteeism will have to bring their parents for meeting the HOD/Principal.
18. [Malpractice in Internal Assessment Tests /Model practical Examination/University Examination](#) is strictly prohibited. If any student is caught for any kind of malpractice, he/she will be liable to undergo punishment as per college rules and university regulations.
19. Students can visit the Computer Lab after working hours for using ICT tools to browse the web for recent developments, reviewing literature for preparing papers, writing assignments and for project work, etc. [Using internet for chatting, accessing unauthorized sites, etc., is strictly banned.](#)
20. Students shall visit the library to view NPTEL Videos / MIT Videos to update their subject knowledge.
21. Students are asked to regularly visit the library/[Digital library/reference section](#) during intervals and free time to refer Books, Journals, e-Journals for learning the topics beyond curriculum and preparing for presentations, seminars, carrying out mini-projects and project works.

22. Students should make use of the period allotted in the Time Table and use the facilities to excel in Co-curricular and Extra-curricular activities.
23. Every student is advised to regularly attend the Training and Placement classes to enhance aptitude, communication and other skills for campus recruitment.
24. Students are advised to get involved with the department's Technical Association and Professional Societies to carry out various technical activities.
25. Students are expected to actively involve in organizing various functions, events, etc., to develop leadership skills and team spirit
26. Students may take only two days of permitted leave per semester for genuine and unavoidable reasons, such as work related to bank loans, hospitalization, and so on. If they are absent for a long period, they have to bring their parents for discussion and a meeting with the college authorities concerned to understand the reasons for their absence.
27. Every semester, students can avail themselves of on-duty leaves to participate in co-curricular activities such as paper presentations, seminars, symposia, workshops, project exhibitions, industrial visits, design contest and extra-curricular activities such as sports, games and university athletic events.
28. During summer vacation, students are advised to participate in industrial training and industrial visits to enhance their practical knowledge.

29. To ensure safety, all students are instructed to travel only by college buses. Travel by two-wheelers is prohibited. Students should travel only in the college buses allotted to them.
30. Students are permitted to use mobile phones, but the use of phones within the academic premises is restricted. If any Student violates the rules and uses mobile phone within the campus, it will be seized and the student will be enquired for indiscipline and suitable action will be taken.
31. Students are provided with 24 x 7 Wi-Fi and internet connectivity within the campus. They are advised to make use of the same for their academic and career growth.
32. Students should not indulge in damaging or destroying the college property. In case of such incidents, those who were responsible for any damage have to compensate the loss incurred by the institute.
33. Students should be polite, dignified, neat and obedient. They should not argue with faculty members and non-teaching staff.
34. Consumption of drugs, alcohol, non-vegetarian items, smoking cigarettes, tobacco items, etc., in college premises is strictly banned.
35. All Students must maintain good discipline and cordial relationship with their co-students, faculty members, non-teaching staff. Any quarrel, in-fights, and indulging in groupism will not be tolerated.
36. Management believes in creating an ethical atmosphere with good discipline in the college campus. Hence to avoid any indiscipline

activity, proper disciplined behavior of the students is insisted both inside and outside the college campus.

37. Interaction through social networking sites or by any other means between boys and girls should be strictly avoided. In case of such instances, the matter will be viewed seriously and suitable disciplinary action will be taken against the defaulter(s). This will be applicable in the college campus, hostel premises and also outside.
38. Ragging is strictly banned everywhere both in the campus and outside. Anybody involved in ragging will be dealt with severely as per Anti-ragging rule. Every student and his/her parent must submit the duly filled-in Affidavit by the Student and the Parent separately, solemnly affirmed in presence of the Oath Commissioner within 2-weeks from the date of college opening / commencement of classes.
39. If any student is found indulging in ragging, indiscipline activity, violating the college rules and regulations, university norms etc., he/she will be suspended pending enquiry immediately after the receipt of a complaint from those who are affected/concerned.
40. All Students are advised to make best use of the facilities in the college to improve their knowledge, achieve 100% pass, enhance their communication skills and soft skills in order to excel in their academics and to start a good career.
41. In order to identify the achievers and inspire all, five students in each branch who score highest marks / CGPA in the University

Examination will be awarded with cash prizes and certificates of merit during the annual day celebrations.

42. Students, who excel in sports will be encouraged to participate in Regional level, State level and National level sports events with on-duty leave and to-and-fro travel allowance.
43. Students will be encouraged to prepare and write competitive examinations, for which adequate opportunities will be provided.

All Students are advised to make best use of their 4-years of study at RIT to acquire wholesome education and develop good personality to get suitable placement in top companies in their fields.

Institute-level Associations

ICT-Academy

Ramco Institute of Technology is an Associate Member of the ICT Academy. Through ICT Academy, we organised a number of events, including the Faculty Development Programme, Student Skill Development, Entrepreneurship Development, Women's Empowerment Program, Youth Empowerment, Industry-Institute Interaction, and Digital Empowerment. Our students and faculty members are doing certification courses and have benefited from these programs. We have signed MoU with companies such as AutoDesk and UiPath. They are providing placement opportunities for the students.

Faculty Coordinator

Dr.K.Vijayalakshmi, Professor & Head/CSE,

Members

- Mr.G.Karthikeyan, AP(SG)/Civil,
- Mrs.B.Vijayalakshmi, AP(SG)/CSE
- Mrs.S.Jeeva, AP/ECE
- Mr.S.Meenakshi Sundaravel , AP(SG)/EEE
- Mr.J.Jerold John Britto, AP(SG)/Mech
- Mr.R.Prabhakaran, AP/Mech
- Dr.R.Subasree, AP(SG)/Maths

IITM PALS

Ramco Institute of Technology is a Partner Institute of IITM PALS. PALS (PanIIT Alumni Leadership Series) conducts various events and training programmes for students and faculty members to enrich their knowledge.

The benefits of this partnership are:

- Promoting creative thinking of students and developing their skills.
- Inculcate problem solving skills through Residential Student Workshops and InnoWAH-Innovative Project Competitions.
- Improving the leadership qualities of the students.
- Gaining knowledge through Theory to Practice Lectures and Campus Lectures.
- Gaining extended practical knowledge through faculty industrial visits.

- Collaborating with industries for knowledge updation and placement.

Executive Committee Members

- Dr.B.Deepa Lakshmi, Associate Professor/EEE
- Mr.G.Prabu Ram, AP(SG)/Mech

InnoWAH Co-ordinator

- Mrs.D.Darling Helen Lydia, AP/Civil

PALS Virtual Lab

- Nodal Co-ordinator - Mr.J.Jerold John Britto, AP(SG)/Mech
- Nodal Co-coordinator – Mr.B.Kannan, AP(SG)/ECE

Indo US Collaboration for Engineering Education (IUCEE)

IUCEE (Indo Universal Collaboration for Engineering Education), founded in 2007, by over 150 leaders of engineering education and businesses from US. The vision of IUCEE is to improve the quality and global relevance of engineering education and research in India with related benefits to engineering educators around the world. Ramco Institute of Technology is one of the consortium member Institute of IUCEE Forum.

IUCEE is a prime mover in improving the quality of engineering education in more than 100 engineering colleges in India. With the help of experts from the United States, an ecosystem has been built

that includes face-to-face workshops, webinars, and courses in a blended format for faculty development, international conferences, a peer-reviewed journal for engineering education, a certification program, and networking opportunities between engineering educators and students from India and the IFEEES global community.

IUCEE Coordinator: Dr.S.Periyamayagi, Professor and Head/ ECE

IUCEE Department Faculty Coordinators

- Dr.G.Karthikeyan, AP(SG)/ Civil
- Dr.I.Gethzi Ahila Poornima, AP/CSE
- Dr.K.Karthikeyan, Associate Professor/EEE
- Mrs.R.Ramalakshmi, AP/ECE
- Mr.R.Arunkumar, AP/Mechanical
- Dr.M.Kaliappan, Professor and Head/ AD

RIT Institution's Innovation Council (RIT-IIC)

Institution's Innovation Council (IIC) is an initiative of Ministry of Education's Innovation Cell (MIC). This cell was established at Ramco Institute of Technology in September 2019. The cell facilitates the students / faculty members to involve in innovation, with initiatives like organizing programs, encouraging participation in national & state level competitions, orienting on entrepreneurship and Intellectual Property Rights (IPR). Through its consistency in performance, RIT has secured 4 star rating in IIC 2.0 among 269 institutes across India and among 84 institutes in the

Southern Zone, which sealed the maximum 4 star rating under the "College and Standalone Institution" category in IIC 3.0.

Committee Members

- President: Dr.L.Ganesan, Principal
- Vice-President: Dr.S.Rajakarunakaran, Vice Principal
- Convener: Mr.R.Arun Kumar, AP/Mechanical

RIT Entrepreneurship Development Cell (RIT ED Cell)

In 2014, the RIT Entrepreneurship Development Cell (RIT ED-Cell) was established. RIT ED-Cell conducts various awareness and motivational programmes for the students and encourages them to participate in various programmes outside the institution. RIT ED Cell also facilitates the implementation of Entrepreneurship Development and Innovation Institute (EDII) initiatives as a spoke college. RIT has been recognized as one among 147 institutions across India as 'Host Institute' to implement the scheme "Support for Entrepreneurial and Managerial Development of Ministry of Micro Small and Medium Enterprises through Incubator"

Through this scheme, RIT will be supported with a financial aid of Rs.100 lakhs to establish the infrastructure required to incubate a start-up idea originated by students / faculty members. In addition to this, potential ideas will be supported with a maximum SEED money of Rs. 15 lakhs. The incubation centre to be established will help in nurturing the ideas into start-ups.

Professor In-charge:

Dr.S.Rajakarunakaran, Professor and Head / Mech

Convener:

Mr.R.Arun Kumar, AP/Mech

Members:

Mr.A.Manicka Mamallan, AP/Civil

Mr.C.A.Yogaraja, AP/CSE

Ms.S.Sharmila Kumari, AP/EEE

Mr.P.Gunasekaran, AP/ECE

Mr.G.Prabu ram, AP(SG)/Mech.

e-Yantra Robotics Laboratory

The e-Yantra Robotics Laboratory is part of the National Mission on Education through ICT (NMEICT), a MHRD-sponsored e-Yantra project. IIT Bombay is associated with MHRD to establish the e-Yantra Robotics Laboratory across the country. The laboratory was inaugurated at RIT on 14.03.2019. Task Based Training is given to the faculty members of the college involved in this project. The students and faculty members who had e-Yantra labs setup have been eligible for participating events, internships, project ideas that will be conducted by IIT Bombay officials.

Team Leader:

Mr. S. Valai Ganesh, AP/MECH,

Team Members

Mr. B. Kannan, AP(SG)/ECE,

Mr. S. Meenakshi Sundaravel, AP(SG)/EEE,

Dr. M. Gomathy Nayagam, Associate Professor/CSE

RIT-AI Research Group

Faculty In-charge(s):

Dr.M.Gomathy Nayagam, Associate Professor/CSE

Mr.T.Chockalingam, AP/Civil

Dr.K.Karthikeyan, Associate Professor/EEE

Mr.R.Deivanayagam, AP/ECE

Mr.S.Valai Ganesh, AP/Mech

Ramco Institute of Technology has RIT-Research centre in association with MoU signed between Bennett University, Noida as a Lead India Zonal Partner of the funded project titled as “Making Deep Learning and AI skills mainstream in India to fulfill trilateral needs of entrepreneurship, Industry academia partnership and application-inspired Engineering Research” from Royal Academy of UK, University College of London, NVIDIA, Amazon for the research Initiative for improving and disseminating the knowledge in Artificial Intelligence. The main objective of this group is to enhance the knowledge in AI and carry out the research by the faculty and students of Ramco Institute of Technology. This research lab is equipped with the server configuration of Dell

Precision Tower 7920, 2x Intel Xeon Gold 5118 -12 core processor with Intel C621 chipset, 256 GB 2666 Mhz DDR4 RAM, 2x NVIDIA Quadro GV100 + NV Link, 4 x 1 TB NVME Class 40 SSD and 1 x 1TB SATA HDD. The RIT-AI Research group organized the various event such FDP, Webinar to the benefit of both faculty and students. Our UG Students carry out their final year project by utilizing aforementioned facilities in the domain of AI, Machine Learning and Deep Learning

Professional Societies

RIT-ISTE Chapter

The Indian Society for Technical Education (ISTE) is the leading national professional non-profit making Society for the Technical Education System in our country with the motto of Career Development of Teachers and Personality Development of Students and overall development of our Technical Education System. RIT joined as an Institutional member of ISTE in 2014 and has a very large and effective membership. The major objective of the ISTE is to provide quality training programmes to teachers and administrators of technical institutions to update their knowledge and skills in their fields of activity and to assist and contribute in the production and development of top quality professional engineers and technicians needed by the industry and other organizations.

RIT-ISTE Faculty Chapter(TN301)

Faculty Chairman: Dr.L.Ganesan, Principal

Faculty Vice Chairman: Dr.S.Rajakarunakaran, Professor and Head /Mechanical

Faculty Secretary: Dr.S.Kannan, Professor and Head /EEE

Faculty Coordinator: Dr.B.Deepa Lakshmi, Associate Professor/EEE

RIT-ISTE Student Chapter(TN336)

| | |
|-----------------------------------|---|
| Faculty Chairman | Dr.K.Vijayalakshmi, Professor and Head/CSE |
| Faculty Secretary | Dr.P.Sureshkumar Associate Professor/Mechanical |
| Faculty Coordinator | Mr.T.Chockalingam, AP/Civil |
| Department Faculty Coordinator | Mrs.S.Manjula, AP/CSE |
| | Mr.P.Venkatesh, AP/ECE |
| | Mr.E.Thangam, AP(SG)/EEE |
| | Mr.T.Selvasundar, AP/Mechanical |

Institution of Engineers IE(I) Student Chapter(IM000312-5)

RIT joined as an institutional member of the Institution of Engineers (India) in the year 2014. The Institution of Engineers India IE (I) Students Chapter at Ramco Institute of Technology, Rajapalayam, has been recognised as an authorised student chapter approved by The Institutions of Engineers (India), Kolkata, since October 2019. Due to this membership, students can participate in seminars, symposia, conventions, workshops, etc. organised by various IEI centres at state, national, and international levels at a concessional rate of 20%. They can also attend regional conclaves in emerging fields of engineering. Student members will also be given preference in the release of grants for their final year

project/thesis work and R & D activities. The following departments of RIT have started IE(I) Student Chapters:

Patron

Dr.S.Kannan, Professor and Head/ EEE

B.E Computer Science and Engineering

Faculty Advisor

- Dr. K.Vijayalakshmi, Professor and Head/CSE

Faculty Coordinator

- Mr.K.Vignesh Saravanan, AP/CSE

B.E Electrical and Electronics Engineering

Faculty Coordinator

- Mrs. Jeyanthi S, AP/EEE

B.E Electronics and Communication Engineering

Faculty Advisor

- Dr.S.Periyanayagi, Professor & Head/ECE

Faculty Coordinator:

- Mr.D.Gopinath, AP/ECE

B.E Mechanical Engineering

Faculty Advisor

- Dr. J. Jabinth, AP/Mechanical

RIT – IGBC Student Chapter

The Indian Green Building Council (IGBC), part of the Confederation of Indian Industry (CII) was formed in the year 2001. The vision of the council is, "To enable a sustainable built environment for all and facilitate

India to be one of the global leaders in the sustainable built environment by 2025".

The council's services include developing new green building rating programmes and certification services.

India's Green Building Council (GBC) promotes green building concepts in the country. The council also closely works with several State Governments, Central Government and other multi-lateral agencies to promote eco-friendly building concepts across the country through its various regional chapters.

“RIT – IGBC Student Chapter” was launched on 17.08.2021.

Faculty Convener

- Mr.J.Ram Prashath, Assistant Professor / Civil

Indian Concrete Institute (ICI)

The Indian Concrete Institute (ICI) is one of the leading professional bodies in our country. It is a strong professional body, having 38 regional centres in all major cities spread across the entire length and breadth of the country. For starting a student chapter in our institute, it is essential for us to have organisational membership.

RIT joined as an Organization Life member of the Indian Concrete Institute in the year 2018. One of the major advantages of becoming an organisational member is that such members will receive the ICI-Journal quarterly, which carries valuable technical articles. ICI-Update is a monthly e-bulletin from ICI, to keep abreast of the happenings in ICI, to know the forthcoming events, and to have access to the job portal and e-learning portal.

Nominee members

Mr.G. Karthikeyan, AP (SG)/Civil

Mr.T. Chockalingam, AP/Civil

Computer Society of India (CSI)

The Computer Society of India (CSI) is the first and largest body of computer professionals in India. It was started on March 6, 1965, by a few computer professionals and has now grown to be the national body representing computer professionals. Our institute joined as an Institutional Member of the Computer Society of India in the year 2014. We also have student chapters comprising more than 75 students in this forum of computer professionals. RIT is actively contributing to the growth of computer professionals by organising various events like Coding Contests, Workshops, Seminars, and Technical Talks. Every fortnight, CSI Communications holds a Knowledge Dissemination meeting to discuss the contributions.

Faculty In-charge:

- Dr.M.Gomathy Nayagam, Associate Professor/CSE

Institution of Electrical and Electronics Engineering (IEEE)

IEEE was founded in 1884 with Alexander Graham Bell and Thomas Edison among its charter members. An IEEE Student Branch is a basic operating organizational unit of an IEEE Section or Region. To enhance the students skills in several aspects such as workshops, poster presentations, paper presentations and other technical events. The IEEE Student Branch at our institution was established in the academic year 2018-19.

Faculty Coordinator:

- Mr. A. Arun Kumar, AP/EEE

The Institution of Electronics and Telecommunication Engineers (IETE)

This is India's leading recognised professional society devoted to the advancement of science and technology in electronics, telecommunications, and IT. It serves over 125,000 members through 63 centres spread across India and abroad. The Government of India has recognised IETE as a Scientific and Industrial Research Organisation. IETE conducts and sponsors technical meetings, conferences, symposia, and exhibitions all over India, publishes technical journals, and provides continuing education as well as career advancement opportunities to its members. The IETE focuses on the advancement of the science and technology of electronics, telecommunication, computers, information technology, and related areas. The IETE Students Forum was inaugurated in the year 2016. Various technical events are held for students to strengthen their organisational, technical, and soft skills through the IETE Students Forum (ISF).

President

- Dr.S.Periyanyagi, Professor & Head/ECE

Faculty Adviser

- Mrs.V.SrirengaNachiyar

RIT- SAEINDIA Collegiate Club

SAEINDIA is India's leading resource for mobility technology and a strategic alliance partner of SAE International, registered in India as a non-profit engineering and scientific society. We have started with student members of more than 65 students from the Mechanical Engineering Department. Now we have 90 student members and 10 professional members in the Mechanical, ECE, CSE, and EEE departments. Students actively participate in national level events e-

BAJA, m-BAJA, ESVC,SUVC, Mega ATV, Tractor Design Competition, Bicycle Design Competition and Self Driving Car Challenge

Senior Faculty Adviser:

- Dr.S. Rajakarunakaran, Professor and Head/Mech

Faculty Advisers:

- Mr. M. Lakshmanan, AP(SG)/Mech
- Mr.R.Venkatesh, AP/Mech

ISHRAE (Indian Society of Heating Refrigerating and Air-conditioning Engineers)

The Indian Society of Heating, Refrigerating and Air Conditioning Engineers (ISHRAE), was founded in 1981 at New Delhi by a group of eminent HVAC&R professionals. ISHRAE operates from 41 Chapters and sub Chapters spread all over India, with HQ in Delhi.

RIT joined the college chapter of ISHRAE in the academic year 2018–2019. Our society is actively contributing to the growth of HVAC professionals by organizing various seminars, technical talks, and workshops. Our society also provides job opportunities for final-year students every year.

Faculty In-charges of the ISHRAE:

- Mr.N.L.Sujin, AP / Mechanical,
- Dr. V. Sivakumar, Associate Professor/ Mechanical

RIT - Indian Welding Society Student Forum

IWS is promoted by welding professionals from leading fabrication industries, academic and research institutes, and progressive-minded welding consumable and equipment manufacturers. In order to impart knowledge and skills in various welding practices carried out in industries like BHEL, WRI, the institution and IWS signed a Memorandum of Understanding (MOU) to conduct value-added courses with student certification. Seminars, value-added courses, and workshops are organized for the benefit of students and faculty members.

Faculty coordinator

- Mr.S.Maharajan, Assistant Professor/ MECH

Students' Technical Associations

RIT STRUCTA

The Civil Engineering Association (CEA) RIT STRUCTA has been functioning for the benefit of the students. It serves as a platform for students to make technical presentations, gain knowledge about recent advancements, and bring together novel ideas. This association aims at bridging the gap between academia and industry by inviting renowned industrialists and academicians to interact with students. Guest lectures, industrial visits, site visits, etc., are organised and value-added courses are conducted on a regular basis to ensure that students are conversant with recent developments in the field of Civil Engineering.

Faculty Coordinator

- Mrs. D. Darling Helen Lydia, AP/Civil

RIT-CLUSTRA

The Department of Computer Science and Engineering at RIT started a student association named "RIT-CLUSTRA" in the academic year 2014-2015. The association provides ample opportunities for the students to improve their presentation skills, communication skills, and leadership qualities. The association has been releasing a technical magazine named "Clustrazine" twice a year since the academic year 2018-19, through which students learn about the writing ability of technical articles. Through the association various technical events are conducted every week in order to develop team spirit and promote interaction leading to innovative ideas. The association also conducts beneficial seminars, guest lectures, paper and poster presentations, and workshops in contemporary technology in the IT field, which enables them to survive in a multi-disciplinary team.

Faculty Coordinator:

- Dr.R.Venkatesh

RIT ELECTRA

RIT-Electra, the technical association of the department of EEE was established in the year 2015 with the motto of organizing student centric activities like expert lectures, technical talks, interdisciplinary seminars, workshops, technical quizzes, field visits, and project demonstrations. The main objective of RIT-Electra is to assist and contribute to the development of quality professional engineers required by industries and other organizations. Various technical events have been organized so far, which have strengthened both the curricular and co-curricular activities of the students. RIT-Electra is continuously working for the improvement of the students to enrich their professional growth in a successful environment.

Faculty Coordinator

- Dr. K. Karthikeyan, Associate Professor/EEE

RIT-ELECTRONICA

The "Students Technical Association" RIT-ELECTRONICA at the Department of Electronics and Communication Engineering was inaugurated in the academic year 2014-2015. Everyone in the class would be able to participate. Various technical events have been held for students to strengthen their technical and soft skills through this Students Technical Association. Students can work on competitive events and learn and apply leadership skills. Around 376 students have enrolled as members of "RIT-ELECTRONICA".

Faculty Coordinator:

- Mrs. V.Sirenga Nachiyar, AP(SG)/ECE

RIT- MECHANIZO

MECHANIZO is a student technical association run by students in the Mechanical Engineering department. The main objective of the association is to provide a platform for students to explore their skills and knowledge through curricular and extra-curricular activities. MECHANIZO is committed to the overall development of department students by organising various events such as workshops, guest lectures, quizzes, webinars, contests, and paper presentations. Every year, the Student Technical Association releases a magazine with activities carried out under MECHANIZO.

Faculty Coordinator:

- Mr. M.Ramar, AP/MECH

Automation and Robotics Club (ARC)

The Automation and Robotics Club of Ramco Institute of Technology was formed and inaugurated in 2018 to motivate students to do their projects in the automation and robotics division. The club motivates students to bring out innovative ideas in designing and developing robotics and aims for research grant activities leading to participation in inter-collegiate and national level events. Students also get to participate in e-Yantra events like robotics competitions, innovation competitions, etc.

Faculty Coordinators

- Mr. S. Valai Ganesh, AP/MECH
- Mr. B. Kannan, AP(SG)/ECE
- Mr. S. Meenakshi Sundaravel, AP(SG)/EEE
- Dr. M. Gomathy Nayagam, Associate Professor/CSE

NeotericAI

Neoteric AI is the technical association of the Department of Artificial Intelligence and Data Science at RIT. It was established in the year 2021. The association's mission is to improve the student community in the technological world by providing opportunities for students to lead their lives and learn new technological concepts through TechTalk, seminars, workshops, symposiums, expert lectures, interdisciplinary technological discussions, hackathons, makeathons, industry visits, and industry conclaves. The main vision of the association is to prepare budding AI engineers to contribute their innovation and skills that will create a social change in human life and also for industrial growth.

Neoteric AI works hard towards bringing excellence and professional commitment to RIT students.

Faculty Coordinator:

- Dr.S.Vimal, Associate Professor/ AD

Industry-supported Laboratories

Tyco Product Development Laboratory

The Department of Computer Science and Engineering has established the Tyco Product Development Centre which is supported by Future Calls Pvt Ltd, Chennai and funded by Tyco, Chennai, to help students enhance their knowledge in the fields of networking, web applications, and IoT. The department, in association with BSNL, Virudhunagar, offers hands-on training to students of all departments on network termination. In this lab, the faculty and students develop software product-based projects such as the Student Feedback System, Open Elective Registration Systems, Faculty Leave Management, and Department Library Management System.

Faculty Coordinators:

- Mrs.M.Swarnasudha, AP(SG/CSE)
- Mr.C.A.Yogaraja, AP/CSE

AI & iOS Laboratory

The CSE department has established an AI and iOS Laboratory, in association with SS Information Systems Pvt. Ltd., Chennai, for the students of CSE to enrich their knowledge of AI, Machine Learning, Deep Learning, and iOS platforms. Faculty and students of CSE utilize the facilities of this lab to carry out their research, final year projects, and

mini-projects in the domains of AI, Machine Learning, Deep Learning, and Mobile App Development using iOS.

The Laboratory is well equipped with the server configuration of Dell Precision Tower 7920, 2x Intel Xeon Gold 5118 -12 core processor with Intel C621 chipset, 256 GB 2666 Mhz DDR4 RAM, 2x NVIDIA Quadro GV100 + NV Link, 4 x 1 TB NVME Class 40 SSD and 1 x 1TB SATA HDD for carrying out AI & Machine Learning based research project and 05 Apple I Mac PC Intel core i5 3.0 GHz Quad-Core processor with 8GB RAM, 10 Dell Optiplex 3020 Intel Core i5 Processor Systems, HP laser Jet Printer, Centralized UPS system, unlimited Internet Facility for carrying out Mobile App development projects by the final year students.

Faculty Coordinator:

- Dr.M.Gomathy Nayagam, ASCP/CSE

NI LabVIEW Research Laboratory

The NI-LabVIEW Research Laboratory was established at RIT with support from National Instruments (NI) Corporation, USA in the year 2015. LabVIEW is powerful system design software built specifically for tasks performed by engineers and scientists. This laboratory is built exclusively for LabVIEW and can accommodate 30 students to work in a LabVIEW environment. It will be suitable for all technological disciplines, including mechanical, electrical, and biomedical engineering. Through this laboratory, students can learn how to develop basic applications in the LabVIEW graphical programming environment, create applications using a state machine design pattern, and the RIT-NI

LabVIEW laboratory will enable both the students and faculty to prepare for the Certified LabVIEW Associate Developer (CLAD) certification.

Faculty Coordinators:

- Mr.P.Gunasekaran, AP/ECE
- Mrs.S.Jeyanthi, AP/EEE

Tessolve Semiconductor Test Engineering (STE) Laboratory

The Tessolve Semiconductor Test Engineering (STE) Laboratory was established in the year 2017 in collaboration with Tessolve Semiconductor Pvt. Ltd., one of the world's leading semiconductor engineering solution providers, over an area of about 60 sq.m. The main focus of this laboratory is to provide hands-on training in the area of semiconductor IC chip testing. The major areas of the training include IC Design & Manufacturing Cycle, Bonding & Packaging, Types of IC Packages, Semiconductor Testing, Testing Cycle, Test Engineering Flow-Feasibility Study, Test Plan, and Digital Communication Concepts-SPI & I2C. The laboratory is well-equipped with the necessary components to provide concrete experience for the students.

Faculty Coordinator:

- Dr.K.Karthikeyan, Associate Professor/EEE

HARITA Center of Excellence

To enhance industry readiness and employability, the Mechanical Engineering Department has signed a Memorandum of Understanding and established a Centre of Excellence, "Advanced Learning Center for CATIA®, NXCAD® and Interdisciplinary Collaboration on New Product Development" in collaboration with HARITA Techserv Private Limited, Chennai, with a vision to build the knowledge gap between design and

application of technology. The Centre of Excellence has been started with the objective of giving intensive faculty training by HARITA Techserv Training Experts and certifying the research faculty on the respective software tools. They also conduct campus placement drives for recruiting engineers and promote collaborative research on advanced CAD/CAE software.

Faculty Coordinators:

- Mr.J.Jerold John Britto, AP(SG)/Mech.
- Mr.R.Prabhakaran, AP/Mech.

Medsby Innovation Centre

The Medsby Innovation Centre is a new initiative that is set up to foster design and development skills among young engineers and technologists. Ramco Institute of Technology, Rajapalayam and Medsby Healthcare Engineering Solutions, Coimbatore jointly established the "RIT-Medsby Innovation Centre in the year of 2019. The main objectives are to impart and foster creativity, design and development skills, innovation and entrepreneurship among young engineers and technologists; implement training programmes that emphasise experiential learning; bridge the gap between trade, R&D laboratories, government organizations, and educational establishments by providing technical experience and help; bring the notice of rising technologies like rapid prototyping, digital production-subtractive and additive, 3D Scanning, 3D Printing, and reverse engineering; provide R&D practise for startups, MSME's, and people; assist startups and technologists in developing new products.

Faculty Coordinators:

- Mr.J. Jerold John Britto, AP(SG)/Mech.

- Mr.R. Venkatesh, AP/Mech.

Extracurricular Clubs

Elite English Learners' Club

The Elite English Learners Club has been established by the Department of English at Ramco Institute of Technology to help students enhance their language skills. To develop and nurture the communication skills, creativity, and talents of students wholesomely, the club regularly conducts extra-curricular activities that focus on listening, speaking, reading, and writing. The initiatives of the club help the students to be better communicators, excel in both internal and external competitions, and secure an excellent career.

Faculty Coordinator:

- M. Anish Alfred Vaz, AP (SG)/English

Eco Club

The Eco Club has been formed with the goal of creating environmental awareness and reducing pollution on campus. The club conducts guest lectures and competitions to spread messages concerning the environment and awareness. The club encourages students to participate in events concentrating on preservation and conservation of the environment. The club also conducts tree plantation drives, nature walk programs, and various events such as painting, poster making, poem writing, etc.

Faculty Coordinator:

- Dr. N. Revathi, AP (SG)/Chemistry

Tamil Mandram

ராம்கோ பொறியியல் கல்லூரியில் தமிழ் மன்றம் அக்டோபர் 2, 2015ஆம் ஆண்டு துவங்கப்பட்டது. தமிழில் ஆர்வமுள்ள அனைத்து பொறியியல் துறைகளைச் சேர்ந்த மாணவர்களையும் ஒன்றிணைப்பதே தமிழ் மன்றத்தின் நோக்கம் ஆகும். தமிழ்த்துறையைச் சேர்ந்தவர்கள் தமிழில் பேச்சாற்றலை வளர்ப்பது எளிது. ஆனால் பொறியியல் மாணவர்களை சிறந்த பேச்சாளர்களாக, படைப்பாளர்களாக உருவாக்க வேண்டும் என்பதே இச்சங்கத்தின் கடமை ஆகும். தமிழ் என்பது பேச்சாக மட்டும் அல்லாமல் உயிர் மூச்சாகவும் இருக்க வேண்டும் என்று உணர்த்துகிறது. தமிழ் மன்றத்தின் சார்பாக ஆண்டுதோறும் கைவண்ணங்களில் கோலங்கள், ஓவியங்கள், அற்புதமாக படைக்கப்பட்ட கவிதைகள், கட்டுரைகள், பட்டிமன்றங்கள், பொங்கல் விழாக்கள், பேச்சுப்போட்டிகள் எனப் பல போட்டிகள் மாணவர்களுக்கு நடத்தப்பட்டு பரிசுகள் வழங்கப்படுகின்றன.

Faculty Coordinator:

- Dr. R. Subasree, AP(SG)/Maths.

Science Club

The Science Club provides an opportunity for the students to promote their scientific skills, display their scientific performance and explore their capabilities in project-based learning. The club is also involved in organising seminars, workshops, exhibitions, and quiz competitions to inculcate scientific vigour in the students. The Science Club has been organising a project exhibition on the 28th of February every year since 2014. It has also organised events such as paper presentations, essay writing, memory challenges, science solitaire, Fix It, group discussion, and multimedia presentations. Scientists and professors from various institutions are invited periodically to deliver guest lectures and expert talks. The club is open to all students. The purpose of the Science Club is to promote interest, understanding, and knowledge of the scientific world amongst the college students and local community.

Faculty Coordinator:

- Dr. O. Senthilkumar, Associate Professor/Chemistry

Fine Arts and Cultural Club

The Fine Arts and Cultural Club of our college provides opportunity for students to let their imaginations run wild and see things differently. Students learn from one another and share their prowess in different aspects of art. The club exists to give the students an artistic outlet and help enrich and foster an interest in

art and personal expression through art. Participation in cultural activities results in the enhancement of personal skills and experiences like confidence, self-presentation, teamwork and collaboration, time management, and organisational skills. The club is named 'RIT Kriya', which is further subdivided into RIT Symphony Guild (RSG) for Cherishing Music and Living Life, RIT Crayons Circle (RCC) for Coloring the Dreams, and RIT Rhythmic Ringers (RRR) for exploring innate dancers.

Faculty Coordinator:

- Dr. O. Senthilkumar, Associate Professor/Chemistry

The Centre for Women Welfare, Safety, and Progress

The Centre for Women Welfare, Safety, and Progress has been constituted to promote the general welfare of the student community while creating a positive intellectual, social, and cultural environment for women. The members of this centre meet periodically and organize conferences, seminars, workshops, and classes for counseling, self-defense, welfare, safety, and progress of girls and women. It also strives to establish a strong community of young women on the campus by helping them to build character, improve self-awareness, and gain confidence in themselves.

Faculty Coordinator:

- Dr.L.Sathikala, Associate Professor /Mathematics

Photography Club

The RIT-Photography club was inaugurated by Mr. S. Sujay, a multiple international award-winning photographer (360fotostudio) from Toronto, Canada. It has been set up to encourage students to use photography as a medium to express their minds and creativity, as well as to improve their talent. This club aims to empower engineering students to use their knowledge of technology and lighting in photography, as well as to capture images that promote social awareness. Ever since its start, the club has been vibrant and has captured important moments and occasions that would last a lifetime.

Faculty Coordinator:

- Dr. M. Venkatesh Perumal, AP/Chemistry

Math Experts Club

The Math Experts Club brings together students from all engineering fields who have an interest in mathematics. The club aims to create awareness about problem-solving in mathematics as well as develop students' enjoyment of the fruitfulness of mathematics. It was started in 2013 by the faculty members of the Department of Mathematics. Every National Science Day and Engineers' Day, the Math Experts Club conducts various activities to entertain students with lots of educational material.

Faculty Coordinator:

- Dr. G. Selvaraj AP/Mathematics

Institutional Central Facilities

Training and Placement Centre

RIT – Training and placement centre plays an integral role in enhancing the employability skills of the students and getting them placed with reputed companies. RIT has a ‘One Student One Offer’ placement policy to ensure placement for all the willing students. Students seeking placement are trained progressively from first year to hone them with competent skills required to meet contemporary industrial requirements. RIT – Training and Placement Centre has teamed up with specialized online platforms to upskill the students in General aptitude and programming proficiency. It also facilitates students in getting internships with MNCs, reputed start-ups and industries. Our proud recruiters are Ramco Cements, Ramco Systems, ZOHO, TCS, CTS, Wipro, Infosys, RANE, Yaskawa, Kaar technologies, Hexaware, HCL, Tessolve Semiconductors, Data Pattern, Vuram Technologies, Harita, etc. These recruiters are happy about the competency and skill exhibited by our students.

Professor Incharge

- Dr.S.Raja karunakaran, Professor and Head/Mech

Assistant Training & Placement Officer

- Ms.Uthra KB

Faculty Coordinators

- Mr.M.Lakshmanan, AP(SG)/Mech
- Mr.A.S.Vigneshwar, AP/EEE

National Service Scheme (NSS)

The National Service Scheme (NSS) was founded with the motto, "Not Me But You." RIT has two units of NSS with a total strength of 200 students. One of the NSS units is funded by Anna University, Chennai. The NSS unit of our college periodically conducts various socially impactful activities like tree plantations, blood donation camps, special lectures from eminent people, orphanage visits, awareness campaigns and rallies, etc., Apart from this, personality and character development classes are regularly conducted for our students. Based on the impact of NSS activities, our college students started many Non-Governmental Organization forums and are constantly helping the people.

Faculty Coordinator

- Dr. K. Basarikodi, Professor and Head/S&H

Members

- Dr. O. Senthilkumar, Associate Professor/Chemistry
- Mr. Venkatesh Perumal, AP/Chemistry
- Dr. A. Anish Alfred Waz, AP(SG)/ English
- Dr. P. Thiruramanathan, AP/ Physics

The Youth Red Cross (YRC)

The Youth Red Cross (YRC) has been started with a motto, "to serve". The core focus of YRC is to promote humanitarian principles and values. The YRC unit regularly conduct various events for our students to develop organisational skills, charitable service and civil leadership skills.

Faculty Coordinator:

- Dr.P.Thiru Ramanathan, AP/Physics

National Cadet Corps (NCC)

The main objective of starting NCC is to develop organized, trained, and motivated youth. A cadet of NCC for a period of three years will be privileged to attend various training camps and drills that will develop his/her overall qualities. The students enrolled in NCC will undergo drills, training, and camps as per NCC requirements to appear for B and C certificate examinations. The cadet must have attended a minimum of 75% of the total training periods laid down in the syllabus for the first and second years of senior division/wing NCC to appear for the B certificate exam.

Troop Commander

- 5 TN SIG Coy NCCLt. R.Aishwarya devi.

Exam Control Office

Examination Control Office (ECO) executes the examination policies as approved by the defined authorities. ECO plans and conducts the Internal Assessment Tests as per the Anna University's (AU) academic and assessment schedules. All internal and university examination procedures are meticulously taken care to ensure the smooth conduct of exams. All examination records of all pre and post examination activities are preserved for reference.

Professor In-charge

- Dr.K.Vijayalakshmi, Professor and Head/CSE

Faculty In-Charge:

- Mr. Subramanian K, AP(SG)/Maths
- Mr. Arun Kumar A, AP/EEE

Language Laboratory

The Department of English has a well-established, centralized air-conditioned Language Laboratory with 69 systems that are installed with language learning software. The lab also has extensive multi-media provisions with necessary public address system, a handy camera with a built-in projector, a 40-inch LED TV and fully functional headphones. The Language Laboratory is used extensively by students of all years of engineering to hone their listening, speaking, reading, and writing skills in English. As part of the placement drive, students also attend virtual interviews in this laboratory. Moreover, communication and soft skills classes are conducted in the lab to help students improve their language and employability skills. The laboratory also has provisions for training students for competitive exams like BEC, IELTS, TOEFL etc.

Chemistry Laboratory

The Department of Chemistry has a well-furnished chemistry laboratory, providing necessary practical and research exposure to students and scholars. Currently, the faculty members of Chemistry

are conversant in the following research domains: Nanocomposites, Nanomaterials, Waste Management, Organic Synthesis, Polymer Composites, Computational Studies, and Bio-inorganic Chemistry. The laboratory also supports consultancy projects for the estimation of various water quality parameters. The department received the Anna University Research Centre recognition on 23.05.2020.

Physics Laboratory

The Physics Laboratory at RIT caters to the needs of first-year B.E. students, fulfilling the mandatory requirements of Anna University and AICTE, by imparting the younger minds with the fundamental principles of theory, backed up by experimental knowledge, thereby making the fledgling engineers well-versed in scientific concepts and equipping and skilling them with modern practical instruments. The physics laboratory allows young minds to grasp the principles of the theory through a wide range of experiments carried out with modern equipment.

Physical Education

At RIT, equal emphasis is given to sports along with the curricular and Extracurricular activities. The following sports facilities are available in the campus:

Outdoor Games:

Basketball - 2 courts, Handball - 2 Fields, Kabaddi - 2 Courts, Kho - Kho - 2 Courts, Tennis - 2 Courts, Ball Badminton - 2 Courts & Volleyball - 2 Courts.

Indoor Games:

Table Tennis – 5 Board, Chess – 10 Boards, Carrom – 10 Boards.

Fitness Facilities:

Gym, Parallel Bar & Horizontal Bar.

Track:

400-meter Track - 1 No.

Field Event:

Long Jump & Triple Jump Runway & Landing Pit - 1.

The college also rewards outstanding achievers in sports with scholarships. Students are encouraged to participate in various zonal, state, national, and international level tournaments, and the management is committed to providing them with all the necessary facilities.

Gymnasium

There are well equipped international standard gyms for men and women installed with the latest equipment in the hostel premises. The gyms are furnished with strength machines, treadmills, equipment for power lifting, weight training and cycling. A

dedicated area for aerobics and cardio exercises is also available. They are open to students to encourage the weight lifters, body builders and fitness seekers.

Professor Incharge

- Dr.S.Raja Karunakaran, Professor and Head/Mech

Physical Director

- Dr.G.Veeramani

Library

RIT Central Library, with its state-of-the-art facilities, acts as a knowledge gateway to the user community. It is equipped with an air-conditioned reading hall, housed in an area of around 404 sq.m, and a digital library to access the information resources of various libraries. The digital library enables users to access e-resources using the high-speed internet facilities that are available in the digital library. Students, research scholars, and faculty members make use of it for projects and research work. Supporting materials such as CDs, text/reference, and books/magazines are also available in this section. All the library services have been automated with KOHA web-based integrated software. The library is enabled with wi-fi technology and security systems with a Closed Circuit Television System (CCTV). In addition to the well-stocked library of 18600 volumes and 100 printed journals and magazines, each department at RIT has their own departmental library to facilitate easy access for faculty and students.

Professor in-charge

- Dr.S.Kannan, Professor and Head/EEE

Librarians

- Mr.R.Chandran, Librarian
- Dr.R.Seethalakshmi, Additional Librarian

Hostel (boys & girls)

The college has well-furnished separate spacious hostels with modern facilities for boys and girls to provide accommodation to students wishing to reside in the hostels. A well-balanced, nutritious, and healthy diet is provided to the students of RIT hostels.

In the hostel, each room is provided with a cot with a mattress, a table, a chair, a cupboard with a bookshelf, a pest repellent light, and a ceiling fan (with regulator). To ensure a healthy stay for the inmates, high-quality fibre mosquito/fly net mesh screens are fixed in the windows of our hostel rooms. Students have access to a laundry pace with a sufficient number of washing machines. Students are also provided with hi-speed internet connectivity through Wi-Fi on their laptops.

The hostel also houses an indoor sports arena where students can play games like table tennis (TT), chess, and carrom, etc. The common rooms available in each block of the hostel are equipped with a TV and a music system. In addition, all the rooms are provided with newspapers and magazines. Avid sports enthusiasts

can take their sports equipment from the sports room, which is maintained by the physical director.

Associate warden

- Dr.S.Rajakarunakaran, Vice Principal

General Manager(Admin)

- Mr.K.S.Selvaraj, GM(Admin)

Hostel (Boys)

Hostel Superintendent

- Dr.P.Sureshkumar, Associate Professor/Mech

Deputy Warden

- Dr.V.Sivakumar, Associate Professor /Mech
- Dr.O.Senthilkumar, Associate Professor/Chemistry
- Mr.D.Karthik Prabhu, AP(SG)/EEE
- Mr. B.Kannan, AP(SG)/ECE
- Mr.M.Lakshmanan, AP(SG)/Mech
- Dr. M. Venkatesh Perumal, AP/Chemistry

Residential Assistant Warden

- Mr. E.Thangam, AP(SG)/EEE
- Mr.R.Venkatesh, AP/Mech
- Mr.S.Vijayakumar, AP/ECE

Hostel (Girls)

Hostel Superintendent

- Dr.B.Deepa Lakshmi, Associate Professor/EEE

Deputy Warden

- Dr.L.Sathikala, Associate Professor /Maths
- Mrs.C.Subha, AP(SG)/civil
- Mrs.R.Ramalakshmi, AP/ECE
- Mrs.Swarna sudha, AP(SG)/CSE
- Mrs.V.Anusuya, Associate Professor/CSE
- Mrs.R.Kalaimani, AP/Chemistry

Residential Assistant Warden

- Ms.S.Sharmila Kumari, AP/EEE

Data Centre

The Data Centre at Ramco Institute of Technology provides network services to over 1000 systems. The centre is equipped with eight IBM servers (x240 model) (IBM Flex System x240). Of the eight servers, three are 6 core Xeon processors and five are 4 core dual processors.

The institution has two UPSs with 30 KVA capacities, which have backup power for about an hour, and one UPS is completely dedicated to the data center. The data centre is equipped with a 16.5-ton duct air conditioner, which is used on weekends and during the night hours, and also has a 4-ton air conditioner for daytime use. Uninterrupted internet facilities at 200 mbps (BSNL) and 100 mbps (Getnet) speeds are provided. The total cost of establishment is Rs. 2,96,31,705.

Professor Incharge

- Dr.K.Vijayalakshmi, Professor and Head/CSE

Faculty Coordinator

- Dr.R.Venkatesh, AP(SG)/CSE

Power House

| | |
|--|---------------------|
| EB Sanctioned Demand | : 375 kVA |
| Transformer Capacity | : 1250 kVA |
| Diesel Generator Capacity | : 250 kVA |
| UPS Capacity | : 120 kVA |
| Solar Power Installed Capacity | : 30 kW |
| Girls Hostel Diesel Generator Capacity | : 62.5 kVA + 35 kVA |

Health Centre

The institute has separate, well-maintained sick rooms with sufficient beds for boys and girls to ensure that students have access to medical care. In the event of a medical emergency, students can seek treatment at Ramco Hospitals in Rajapalayam. Campus vehicle facilities are available 24/7 for medical needs. RIT also has a counselling room with a qualified counsellor to help students manage stress and the complexities of young adulthood. Counselling is given on a one-on-one basis and confidentiality is maintained. Students are helped to realise their real potential, maximise their performance, and mould themselves into better personalities. Students can avail themselves of the facility for any kind of personal or academic problem that daunts their minds.

ATM Centre

RIT provides 24 hours Indian Overseas Bank ATM facility for students and staff.

Scholarship Details

1. RIT Management Merit Scholarship (2020-2021 Academic Year onwards): The Management of RIT provides Merit Scholarship every year to the tune of Rs. 20,000 to students who maintain greater than or equal to 7 CGPA (with no history of arrears)
2. RIT also provides Scholarship to I year students as per the following criteria:

Admission policy – I year B.E. Admissions during Academic Year 2022-23

Admission Programmes: CSE/AI&DS

| Eligibility Criterion | Fees to be paid by the students | Fee Concession per Year (reimbursed) |
|------------------------------|--|---|
|------------------------------|--|---|

| | | |
|--|---|----------------------------|
| | | to student account) |
| Government Quota (GQ) | | |
| As per the eligibility norms prescribed by Anna University | Tuition fee: Rs.50,000/- Other Fees: Rs.35,000/- Total Fees : Rs.85,000/- | NIL |
| Management Quota (MQ) | | |
| As per the eligibility norms prescribed by Anna University | Tuition fee: Rs.85,000/ Other Fees: Rs.35,000/ Total Fees : Rs.1,20,000/- | NIL |

Admission Programmes: ECE

| | | |
|---|---|---------------------|
| Government Quota (GQ) | | |
| As per the eligibility norms prescribed by Anna University | Tuition fee: Rs.50,000/- Other Fees: Rs.35,000/- Total Fees : Rs.85,000/- | NIL |
| Management Quota (MQ) | | |
| Cut off Marks 150 and above in HSC, Matriculation and CBSE/ISC | Tuition fee: Rs.85,000/ Other Fees: Rs.35,000/ Total Fees : Rs.1,20,000/- | Rs. 35,000/- |

Admission Programmes: Civil/EEE/Mechanical

| | | |
|---|---|---------------------|
| Government Quota (GQ) | | |
| Cut off Marks 140 and above in HSC, Matriculation and CBSE/ISC | Tuition fee: Rs.50,000/- Other Fees: Rs.35,000/- Total Fees : Rs.85,000/- | Rs.12,500/- |
| Management Quota (MQ) | | |
| Cut off Marks 130 and above in HSC, Matriculation and CBSE/ISC | Tuition fee: Rs.85,000/- | Rs. 35,000/- |
| Cut off Marks 120 and above in HSC, Matriculation and CBSE/ISC •Children of Ramco Group employees/Students from Ramco | Other Fees: Rs.35,000/- Total Fees : | |

| | | |
|--|---------------|--|
| Group of schools/ Ramco Dealers/ Stockist/ Students having JEE score 70 and above/ RIT Students/Alumni-their own brother and sister/ Students recommended through foundations such as Agaram, Maatram, etc., | Rs.1,20,000/- | |
|--|---------------|--|

Admission Programmes: All

| Sports Quota : GQ | | |
|--|--|-------------------------|
| Cut off Marks 150 and above in HSC and Matriculation (Or) Cut off Marks 140 and above in CBSE/ISC & Student who won prize(s) at State/National/International Sports event | Tuition fee: Rs.50,000/- Other Fees: Rs.35,000/- Total Fees : Rs.85,000/- | Rs. 30,000/- |
| Sports Quota: MQ (Maximum Permissible Admission : 05) | | |
| Cut off Marks 150 and above in HSC and Matriculation (Or) Cut off Marks 140 and above in CBSE/ISC & Student who won prize(s) at State/National/International Sports event | Tuition fee: Rs.85,000/ Other Fees: Rs.35,000/ Total Fees : Rs.1,20,000/- | Rs. 50,000/- |

Note:

1. No history of arrears and a CGPA of 7 are required for fee concession to be extended in subsequent years.
2. Our institution fee concession does not apply to students who receive PMSS scholarships.
3. If a student is admitted under the GQ category and receives a first-year graduate (FG) fee amount from the government, the Mess Fee/Transport Fee for dayscholars and Hostel Fee for hostellers will be adjusted from FG amount.
4. Students who are admitted under GQ from government schools (7.5% quota), are not eligible to avail this fee concession.
5. Students who are eligible for a fee concession are advised to pay the full amount initially, the fee concession will be sent to the student's bank account later.
6. Based on the children' and their parents' willingness by making an additional payment, Books, Note books, Record notes,

Drawing instruments, and Uniform will be provided at a Concession rate.

7. Refundable Caution deposit of Rs.5,000 will be collected while admitting only in first year under GQ and MQ.

Contact No.: 04563-233499, 233413, 233403, 233400, 233410, 9443989323, 9443989623, 9489634752, 7904773305

DETAILS OF FEE STRUCTURE

| Head | Government Quota | Management Quota |
|--|--|--|
| Tuition Fees per Year | Rs.50,000/- | Rs.85,000/- |
| Other Fees* per Year | Rs.35,000/- | Rs.35,000/- |
| Caution Deposit –One Time (Refundable) | Rs.5,000/- | Rs.5,000/- |
| Total | Rs.90, 000/- | Rs.1,25,000/- |
| Accreditation Fees per Year | Rs.5,000/- (for CSE, EEE, ECE and Mechanical) | Rs.2,000/- (for CSE, EEE, ECE & Mechanical) |
| Hostel Fee (If applicable) | Rs.70,000/- (Per Year) | |
| Transport Fee (Day scholar) | Based on the end routes* (Per Semester) (Between Rs.7,500/- and Rs.20,000/-) (*Rajapalayam, Alangulam, Watrap, Srivilliputtur, Sivakasi, Virudhunagar, Thirumangalam, Kovilpatti, Tenkasi, Sankarankoil) | |
| Mess Fee (Day scholar) | Rs.6,000/- (Per Semester) | |

Other Fees* - Curricular Activities, Co-curricular Activities, Extra-curricular Activities, Extension Activities, Training & Placement, Maintenance & Establishment

SCHOLARSHIP DETAILS

Government Scheme

1. BC/MBC Scholarship Scheme
2. Post Metric Scholarship Scheme (PMSS) – SC/ST students
3. AICTE – Pragati Scholarship Scheme – Girl Students
4. Minority Scholarship Scheme – BC Muslim
5. First Graduate Scholarship Scheme

College Level Scholarship

1. Ramco Trust Scholarship – Based on the Cut-off during I Year and continues if maintaining CGPA in the subsequent years.
2. Scholarship for the students who scored Top 3 CGPA in each class (Rs.20,000/- each) every year

Student Insurance

The institution has insured the students in the following schemes to provide an uninterrupted education all through their engineering studies.

1. Amrtya Siksha Yojana Policy with a sum assured of Rs. 3 lakhs (for day scholars) & Rs. 5 lakhs (for hostellers)
2. Group Personal Accident Policy with a sum assured of Rs. 2 lakhs with a claim of Rs. 1 lakh for medical expenses

Safety Measures

To ensure health & safety within the campus, the following steps have been taken:

1. Fire Extinguishers and Fire Alarms are placed in all floors and laboratories.
2. Pollution control measures (in terms of food, air and water) are meticulously followed.

3. Sanitation Certificate has been obtained from Health Inspector of Rajapalayam.
4. Food Safety Certificate has been obtained from the respective authority.

Anna University Regulation Guideline (Regulation 2021)

Link:

<https://cac.annauniv.edu/PhpProject1/aidetails/reg/UG%20R%202021.pdf>

Anti-Ragging Notice

Ragging is strictly banned everywhere both inside and outside the College and Hostel premises. The Students indulged in ragging will be dealt with severely as per anti-ragging rules.

Students with any kind of problem or complaint related to ragging are advised to contact the HOD concerned or Principal immediately.

What constitutes Ragging? (Vide Clause 4 of AICTE regulations F.No.37-3/Legal/AICTE/2009 / Clause 3 of UGC 2009 regulations)

Ragging constitutes one or more of any of the following acts:

- a. Any conduct by any student or students whether by words spoken or written or by an act which has the effect of teasing, treating or handling with rudeness a fresher or any other student;
- b. Indulging in rowdy or undisciplined activities by any student or students which causes or is likely to cause annoyance, hardship, physical or psychological harm or to raise fear or apprehension thereof in any fresher or any other student;

- c. Asking any student to do any act which such student will not in the ordinary course do and which has the effect of causing or generating a sense of shame, or torment or embarrassment so as to adversely affect the physique or psyche of such fresher or any other student;
- d. Any act by a senior student that prevents, disrupts or disturbs the regular academic activity of any other student or a fresher;
- e. Exploiting the services of a fresher or any other student for completing the academic tasks assigned to an individual or a group of students.
- f. Any act of financial extortion or forceful expenditure burden put on a fresher or any other student by students;
- g. Any act of physical abuse including all variants of it: sexual abuse, homosexual assaults, stripping, forcing obscene and lewd acts, gestures, causing bodily harm or any other danger to health or person;
- h. Any act or abuse by spoken words, emails, posts, public insults which would also include deriving perverted pleasure, vicarious or sadistic thrill from actively or passively participating in the discomfiture to fresher or any other student;
- i. Any act that affects the mental health and self-confidence of a fresher or any other student with or without an intent to derive a sadistic pleasure or showing off power, authority or superiority by a student over any fresher or any other student.

Action will be taken by the Head of the Institution as per vide Clause 7 of UGC regulations:

Actions will be taken against Students for indulging and abetting ragging in Technical Institutions, Universities including Deemed to be University imparting technical education (vide Clause 8 of AICTE regulations):

- 1. The punishment to be meted out to the persons indulged in ragging has to be exemplary and justifiably harsh to act as a deterrent against recurrence of such incidents.
- 2. For every single incident of ragging a First Information Report (FIR) must be filed without exception by the institutional authorities with the local police authorities.

3. The Anti-Ragging Committee of the Institution shall take an appropriate decision, with regard to punishment or otherwise, depending on the facts of each incident of ragging and nature and gravity of the incident of ragging.
4. a) Depending upon the nature and gravity of the offence as established the possible punishments for those found guilty of ragging at the institution level shall be any one or any combination of the following:
 - i. Cancellation of admission
 - ii. Suspension from attending classes
 - iii. Withholding/withdrawing scholarship / fellowship and other benefits
 - iv. Debarring from appearing in any test/examination or other evaluation process
 - v. Withholding results
 - vi. Debarring from representing the institution in any regional, national or international meet, tournament, youth festival, etc.
 - vii. Suspension/expulsion from the hostel
 - viii. Rustication from the institution for period ranging from 1 to 4 semesters
 - ix. Expulsion from the institution and consequent debarring from admission to any other institution.
 - x. Collective punishment: when the persons committing or abetting the crime of ragging are not identified, the institution shall resort to collective punishment as a deterrent to ensure community pressure on the potential raggars.

Administrative action will be taken in the event of ragging as per vide Clause 9.1 of UGC regulations:

Anti-Ragging Affidavit (i) by the student and Affidavit (ii) by the parent/guardian are available in the college website: www.ritrjpm.ac.in

Statutory body representatives

| Sno | Name | Representative | Designation |
|-----|---|---------------------------|-------------|
| 1 | Anti-Ragging Committee and Anti-Ragging swaad | Dr.L.Ganesan Principal | Chairman |

| | | | |
|---|---|--------------------------------|-------------|
| 2 | Internal Complaints Committee/Sexual Harassment Committee | Dr.S.Periyanyagi, HOD/ECE | Chairperson |
| 3 | SC/ST cell | Dr.K.Vijayalakshmi, HOD/CSE | Chairperson |
| 4 | Complaints Cum Redressal Committee | Dr.K.Basaraikodi HOD/Maths | Chairperson |
| 5 | Discipline Committee | Dr.S.Kannan. HOD/EEE | Chairman |

Compiled and Edited by:

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