

# THE CUTTING EDGE

CHOOSING THE RIGHT INSTITUTION

A SPECIAL FOCUS ON EDUCATION

## Highlights of Ramco Institute of Technology

**R**amco Institute of Technology is established in 2013 under the aegis of Raja Charity Trust by its visionary Chairman Shri P.R.Rama-subrahmaneya Rajha and Vice-Chairman Shri P.R.Venketrama Raja to provide world-class technical education to the students in this region. The Institute is built in a serene campus of around 98 acres to promote value based education. It is located near Rajapalayam and is about 85 kms from Madurai. The Institute offers 5 UG Engineering courses with an AICTE sanctioned intake of 420 per year.

There are 1610 students on roll for all the four years, most of them are admitted on merit starting with the cut-off marks 194.5. The Institute has plans to offer PG courses in emerging areas subject to approval by AICTE in future. RIT built with unique architecture has 3.5 Lakh sq.ft. built-up area with modern Class rooms with smart projectors for interactive learning and state-of-the-art Laboratories with most modern equipment, software, IBM Servers, 108 MBPS internet connectivity, 9 AC Computer Centres with 982 Computers and IT tools, 5 AC Seminar Halls, Conference Hall with Placement Centre, and a big Auditorium with a seating capacity of 2500 to meet high-tech academic, co-curricular, training and placement needs.

The Digital Library with 1300 e-journals and 220 NPTEL videos facilitates e-learning. The Institute has established RIT-TVS Harita Advance Learning Centre, RIT-NI Labview Laboratory for offering specialised training to both faculty members and students. There is dedicated team of 105 faculty members with 13 Ph.Ds



from reputed Institutions and the remaining are postgraduates of merit with good experience. The modern Hostels with a built-up area of 2.8 Lakh sq.ft. are fully furnished for comfortable stay and advance learning with internet/wi-fi connectivity. Spacious Common rooms, sophisticated Gymnasium and indoor game facilities are provided in each Hostel for promoting extra-curricular activities. RIT believes in wholesome education and it has its uniqueness in teaching and learning process based upon Bloom's Taxonomy of education.

The special focus of teaching at RIT is on imparting world-class education through strong fundamentals with practical knowledge and learning. Hence it has encouraged the faculty members to pursue online courses from MIT and other prominent foreign Universities to fine tune their basic concepts and improve the teaching effectiveness for inculcating thinking ability and questioning in the minds of students. So far nearly 190 online courses are pursued by our faculty members in promi-

nent engineering disciplines and excelled. The total registration and certification fee of Rs.4.0 Lakhs was refunded by the Management to the faculty members. The students in addition to the regular curriculum have access to MIT open courseware and Spoken Tutorials offered by IIT Mumbai to enhance their fundamental concepts. RIT has created RIT-NI, RIT-Harita TechServe, RIT-Tyco, RIT-IBM Centres of Excellence and has tie-ups with TechMahindra, Ramco Systems, ICTACT, TVS Training and Services Ltd., for training and organised international certificate programmes and value added courses on Building Information Modelling using Autodesk Revit 2016, Digital Prototyping using Autodesk Inventor 2016, NI Labview CLAD Certification, PLC and SCADA Training, Project Based Learning Using Arduino and Raspberry Pi, MATLAB software training, Oracle Java certification, IBM Worklite for Mobile application development, Embedded system and its applications, etc., during winter and summer vacation for learning about the latest as ex-

pected by the industries. In addition, several invited talks and special lectures are organised by the Students Technical Societies by inviting experts from IITs, NITs and Anna University. A Special Workshop on "Enjoyable Coding", "Programming Contest Problems" and "Analysis of Algorithms" was conducted by Dr.Jeya KesavanVeerasingam, Director, Centre for Computer Science Education & Outreach and Teaching Faculty in the Department of Computer Science at University of Texas, Dallas, USA for III Year CSE, ECE & EEE Students on 03.08.2016.

Industrial visits and Inplant training in Ramco group of Companies and other prominent Organisations has become a habit for practical learning by the students and faculty of RIT. Within three years RIT has taken a great lead in its journey. RIT's standard and robust academic system has proved by its significant achievement of 92.86% result in Nov-Dec 2016 Anna University Examination, making the College to stand within the Top 5 positions among 523 colleges in Tamilnadu.

RIT has in place a novel system of appreciating both students and faculty members for top academic performance. Around 48 Meritorious Top performers in all branches with high CGPA greater than 8.5 and 69 Faculty members who produce 100% result in 125 theory subjects in the University Examination are honoured with cash awards and Certificate of Appreciation during the Annual Day function. Overall, within a short stint, RIT has made a landmark in the technical education in this part of the nation and has big plans to expand its presence in other domains.





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# EDUCATION



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The Institute is built in a serene campus of around 98 acres to promote value based education. It is located near Rajapalayam and is about 85 kms from Madurai. The Institute offers 5 Under-Graduate courses namely B.E.Civil Engg., B.E.CSE, B.E.EEE, B.E.ECE and B.E.Mechanical Engg.

The AICTE sanctioned intake of all these courses per year is 420. There are 1202 students on roll for all the three years, most of them are admitted on merit starting with the cut-off marks 195.5.

The Institute has plans to offer PG courses in emerging areas subject to approval by AICTE in future. RIT built with unique architecture has 3.5 Lakh sq.ft. built-up area with modern Class rooms with smart projectors for interactive learning and state-of-the-art Laboratories with most modern equipment, software, IBM Servers, 48 MBPS internet connectivity, 9 Computer Centres with 982 Computers and IT tools, 5 air-conditioned Seminar Halls, Conference Hall with Placement Centre, and a big Auditorium with a seating capacity of 2500 to meet high-tech academic, co-curricular, training and placement needs.

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has established RIT-TVS Harita Advance Learning Centre, RIT-NI Labview Laboratory for offering specialised training to both faculty members and students.

There is dedicated team of 93 faculty members with 15 Ph.Ds from reputed Institutions and the remaining are postgraduates of merit with good experience.

The Hostels with a built-up area of 2.7 Lakh sq.ft. are fully furnished for comfortable stay and advance learning with internet/wifi connectivity. Spacious Common rooms, sophisticated Gymnasium and indoor game facilities are provided in each Hostel for promoting extra-curricular activities.

RIT believes in wholesome education and it has its uniqueness in teaching and learning process based upon Bloom's Taxonomy of education.

The special focus of teaching at RIT is on knowledge creation and learning. Hence it has encouraged the faculty members to pursue online courses, at least two courses per year from MIT and other prominent foreign Universities to fine tune their basic concepts and improve the teaching effectiveness for inculcating thinking ability and questioning in the minds of students.

The students in addition to the regular curriculum have access to MIT open courseware and Spoken Tutorials offered by IIT Mumbai to enhance their fundamental concepts. RIT has tie-ups with ICTACT, NI, IBM, Harita TechServe Ltd., TVS Training and

Services Ltd., VI Microsystems and organised international certificate programmes and value added courses on Building Information Modelling using Autodesk Revit 2016, Digital Prototyping using Autodesk Inventor 2016, NI Labview CLAD Certification, PLC and SCADA Training, Project Based Learning Using Arduino and Rasberry Pi, MATLAB software training, Oracle Java certification, IBM Worklite for Mobile application development, Embedded system and its applications, etc., during winter and summer vacation for learning about the latest as expected by the industries.

In addition, several invited talks and special lectures are organised by the Students Technical Societies by inviting experts from IITs, NITs and Anna University. Industrial visits and Inplant training in Ramco group of Companies and other prominent Organisations has become a habit for practical learning by the students and faculty of RIT.

Within three years RIT has a taken a great lead in its journey. RIT's standard and robust academic system has proved by its significant achievement of 90.45% result in Nov-Dec 2014 Anna University Examination, making the College to stand in the Top 5th position among 523 colleges in Tamilnadu. RIT has in place a novel system of appreciating both students and faculty members for top academic performance.

Top Three students in every branch with high CGPA are awarded with attractive Cash

Prizes and Certificates of Appreciation to encourage them to secure very good grades and University Ranks.

The Faculty members who produce 100% result in theory subjects in the University Examination are honoured with cash awards and Certificate of Appreciation.

The Students have also excelled in co-curricular activities by winning prizes and awards at state and national levels. Ms.V.Archuna of II Year CSE won II prize with a cash award of Rs.3000/- in the National Level "Online Essay Competition" held on 27.11.2015 on the eve of 8th National Education Day Celebration, conducted by AICTE. Ms.V.Renisha of III Year ECE secured III Prize in All India Essay Writing Event 2015 organized by Sri Ram Chandra Mission on 28.08.2015. Mr.S.Vaikundam, Mr.R.Venkatesh, Mr.G.Radha Krishnan, Mr.M.Satish Kumar and Mr.D.Ganapathi Subramanian, III Year Mechanical Engineering won First Prize in the Hon'ble Chief Minister's Award for Excellence in e-Governance for the Year 2015-16 conducted by District e-Governance Society, Virudhunagar District held on 23.10.2015. Project Title: TARS (Tamil Nadu App for Ration Shop). Overall, within a short stint, RIT has made a landmark in the technical education in this part of the nation and has big plans to expand its presence in other domains.