ABOUT THE COLLEGE
Ramco Institute of Technology is founded with a vision to impart high quality engineering education at an affordable cost. Under the able guidance of our Founder Chairman Shri P. R. Ramasubrahmaneya Rajha, son of Shri P.A.C Ramaswamy Raja, distinguished professionals, academicians and education experts, we continually aim to revolutionize the learning environment by creating an enviable knowledge pool of engineering and technology graduates who are attuned to the current industry requirements.

Being part of the Ramco Group, which is well known for its qualitative and innovative brands not only in India but across the world, we are looked upon to set high standards in the education sector. True to its legacy, RIT has embarked on a mission to empower students with high-quality, accessible yet world-class engineering education and prepare these young minds for lifelong learning by creating and disseminating appropriate knowledge.

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.

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 lifelong learning skills.
- To constantly motivate and involve the students and faculty members in the education process for continuously improving their performance to achieve excellence.

ABOUT THE CONFERENCE
The International Web Conference on Smart Engineering Technologies (IWCSET-2020) is the interdisciplinary conference for advancement of Science and Technology towards Smart and Sustainable Development. IWCSET-2020 is an initiative towards scientific deliberation amid lockdown, quarantine and social distancing. The conference aims at providing a platform to the UG/PG students, Faculties, Research scholars and Industry people for the promotion of original academic research on Science and Technology.

REGISTRATION DETAILS
- There is no Registration Fee.
- All are instructed to prepare the abstract and full paper as per IEEE format.
- Each abstract submitted is reviewed by two Expert Reviewers, and their assessments are used by the Technical Programme Committee to make the selections and Rejections.
- Authors are requested to submit the full paper along with self-plagiarism report.
- Accepted papers are published in the ISBN book chapter of conference proceeding.
- Selected best papers will be forwarded/recommended for publication in Scopus indexed journals after double blind review.
- For Registration link details kindly see page number 4 of this brochure.

IMPORTANT DATES
Abstract submission & Registration : 09th June 2020
Full paper submission : 16th June 2020
Intimation of Selection : 23rd June 2020
ORGANIZING COMMITTEE

CHIEF PATRON:
Shri. P. R. Venketrama Raja, Chairman, Ramco Group of Companies & Managing Trustee, Raja Charity Trust

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Dr. L. Ganesan, Principal, Ramco Institute of Technology

CO-PATRON:
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Dr.T Manimaran, ASCP/Mathematics
Dr. G. Kanthimathi, ASCP/Chemistry
Dr. P.Thirumaranathan, AP/Physics
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<th>CIVIL</th>
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<td>Optimization Techniques and Algorithms/Soft Computing in Mechanical Engineering</td>
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# Thrust Areas (Not Limited To)

## Maths
- **Algebra**
  - Ring Theory
  - Homological Algebra
  - Representation Theory
  - Commutative Algebra

- **Topography**
  - Fuzzy Topology
  - Nano Topology
  - Soft Topology
  - Neutrosophic Topology

- **Graph Theory**
  - Spectral Graph Theory
  - Matching
  - Colouring
  - Applied Graph Theory

- **Applied Mathematics**
  - Optimization
  - Numerical Analysis
  - Modelling
  - Stochastic process

## Physics
- **Advanced Functional Materials**
  - Smart materials
  - Perovskite materials
  - Nanocomposites
  - Energy materials

- **Materials**
  - Bio-materials and Characterization
  - Biosensor and Bio-electronic Materials
  - Nanomedicine and Biomedical Engineering
  - Biocompatible Materials

- **Thin Films**
  - Material Characterization
  - Electrical, Optical, and Magnetic Materials
  - Surfaces, Coatings and Films
  - Nano engineering and its applications

- **Crystal Growth**
  - Crystallography of novel materials
  - Crystal growth and epitaxy
  - Crystal Growth and Characterization
  - Bulk crystal

## Chemistry
- **Green Chemistry**
  - Waste water treatment
  - Green synthesis of nanomaterial
  - Renewable energy materials
  - Catalysis

- **Computational Chemistry**
  - Heterogeneous catalysis
  - DFT studies
  - Monte carlo simulations
  - Quantum mechanics/Molecular dynamics

- **Bio-inorganic Chemistry**
  - Organometallics
  - Medicinal Chemistry
  - Analytical techniques
  - Nano biotechnology

## Registration Link

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