

## ORGANIZING COMMITTEE

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Mrs. S. Lese,  
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Dr. A. John Peter,  
Prof. & Head / S&H.

### CONTACT US @

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## ADVISORY COMMITTEE

Dr. M.S. Ramachandran Rao,  
Professor,  
Materials science and Research Centre,  
Department of Physics, IIT Madras

Dr. R. Srinivasan Alavandar,  
Professor and Dean, R&D,  
Agni College of Technology, Chennai.

Dr. P. Aruna Priya,  
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Department of Electronics & Communication Engineering  
SRM University, Chennai.

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Guru Nanak Institute of Technology,  
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AVPTC, Panruti.

Dr. A. Sivakumar,  
Principal,  
RAAK College of Engineering and Technology,  
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Department of Physics,  
University College of Engineering Pattukottai.

Dr. P. Yogesh,  
Associate Professor, DIST.  
CEG Campus,  
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Dr. J. Arunnehr,  
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SRM University, City Campus,  
Chennai.

Dr. P. Parthiban,  
Assistant Professor,  
NIT Surathkal.



## ST. ANNE'S

COLLEGE OF ENGINEERING AND TECHNOLOGY  
(Approved by AICTE, Affiliated to Anna University, Chennai)  
(An ISO 9001:2015 Certified Institution)  
Anguchettypalayam, Panruti Taluk - 607 110, Cuddalore Dist.



4<sup>th</sup> National Conference  
on  
Research and Development  
in  
Science, Engineering and Technology

## NCRDSET '18



Sponsored by



on

23.03.2018

Indian Society of Technical Education

## ABOUT SISTERS OF ST. ANNE TRICHY

The Congregation of Sisters of St. Anne of Tiruchirappalli had its origin in the 19th century. Rev. Mother Annammal was the foundress of the congregation, she was the marvellous beginner of this record in the history of womanhood. She had experienced the presence of God among the poor and the suffering people. The members of this congregation always strive to live upto the charism of the foundress "Simplicity in life and Service to the poor" for the past 160 years. Being concerned with the upliftment of the poor and the socially outcast, their ministry has taken different dimension in the involvement of our multifarious activities namely Evangelical, Educational, Social and Medical with an explicit involvement in working for the differently abled. As a part of their educational ministry specially to work for the youth they have started this esteemed institute.

## ABOUT THE INSTITUTION

St. Anne's College of Engineering and Technology is approved by AICTE, New Delhi and affiliated to Anna University, Chennai. The college is run by the sisters of St. Anne's Congregation, Trichy. The congregation was started with a motto "Simplicity in Life and Service to the Poor". The college had been started with that same aim in the year 2009 at Panruti, Cuddalore Di. The college bloomed by providing opportunity for professional education thus uplifting the life style of the rural youth in the surrounding districts. The college co-ordinates and provides opportunities. St. Anne's CET is committed to promote its students through pursuit of individual excellence and participation of young graduates in Academic, Spiritual, Cultural, Social and Physical activities. The campus life here at St. Anne's College of Engineering and Technology helps the students to endeavor and achieve the highest apex. The campus is a place of hope and encouragement nurtured by holy divine and celestial vision.

## ABOUT NCRDSET '18

In the recent days technology has witnessed enormous developments in many fields. To impart these developments, the Third National Conference on Research and Development in Science, Engineering and Technology '18 (NCRDSET '18) is organized at St. Anne's College of Engineering and Technology, Anguchettyalayam, Panruti on 16<sup>th</sup> March 2018. NCRDSET '18 addresses the rapid strides and technological advancements in the fields of Science, Engineering and Technology. This conference offers a platform to track quality R&D updates from Researchers, Engineers, Students and representatives from the Academies and Industry. It also provides them to disport their expertise, talents & innovative ideas that will contribute to all fields of Engineering in the upcoming years.

## PAPER SUBMISSION

All papers submitted to the conference will be peer reviewed and evaluated for its originality, technical content and relevance to the conference by the members of advisory committee and technical committee. All the papers selected by the committee members will be published in the conference proceedings with ISBN Number (9789352548118). Selected papers from the conference proceedings will be recommended for review in "COMPEL", "Engineering Computations" and "MECHANIKA" (Anna University - Annexure I). The recommended papers will be published in the journal after a peer review with no publication fee. On the authors request, papers will be published in reputed Scopus Indexed Journal with minimum publication fee.

## CONFERENCE THEMES

### COMPUTER SCIENCE

1. Data Mining and Big Data Analysis.
2. Network Security.
3. Machine Learning.
4. Green and Cloud Computing.
5. Recent Trends in IT.

### ELECTRICAL

1. Recent Trends in Power System.
2. Emerging Trends in Control System.
3. Smart Power System with Renewable Energy System Integration.
4. Recent Scenario in Power Quality & Economics.
5. Power Electronics Controller for Smart Grids.

### COMMUNICATION

1. VLSI Design/ Embedded Systems.
2. Audio/ Medical Signal Processing.
3. Recent Trends in Communication.
4. Wireless Sensor Networks.
5. Advanced Antennas.

### MECHANICAL

1. Production and Industrial Engineering.
2. Heat Transfer and Fluid Flow.
3. Renewable and Green Energy Resources.
4. Composites and Smart materials.
5. Modeling and Simulation in Mechanical Engg.
6. Green Building System.
7. Future Construction Materials.
8. Hazardous Waste Management.

### ENGINEERING SCIENCE

1. New Engineering Materials.
2. Nano Materials.
3. Recent Trends in Green Chemistry.
4. Tools for Effective Communication.
5. Applied Mathematics in Engineering.

## IMPORTANT DATES

Submission of full paper	: 12-03-2018
Intimation of acceptance	: 15-03-2018
Registration	: 17-03-2018

## REGISTRATION FEE

UG Students	
For ISTE Members	: ₹ 250
For Non ISTE Members	: ₹ 300
PG Students/ Faculty/Research Scholars	
For ISTE Members	: ₹ 500
For Non ISTE Members	: ₹ 600
Industry Participants	: ₹1000

## PAYMENT MODE

The registration fee is to be paid by Demand Draft drawn in favour of "The Principal, St. Anne's College of Engineering and Technology" payable at Panruti.

(or)

### National Electronic Funds Transfer (NEFT)

Account Number	: 19680100033685
Account Name	: The Principal, St. Anne's College of Engineering and Technology
Account Branch	: Panruti
IFSC Code	: FDRL0001968

Kindly Send the DD and online generated registration form on or before **21.03.2018**.