

## IMPORTANT DATES

- Submission of Full Manuscript  
by post : 16<sup>th</sup> February, 2017
- Intimation of selection  
through e-mail : 23<sup>rd</sup> February, 2017
- Confirmation of participation  
by candidates through e-mail : 27<sup>th</sup> February, 2017



Enquiries and Paper should be addressed to:

### Dr. G. PUTHILIBAI

Convener - Convergence – 2017

Sri Sai Ram Engineering College

Sai Leo Nagar, Chennai - 600 044.

Ph: 044-2251 2222 Fax : 044 - 2251 2229

Cell : 94446 68923 / 95001 13469 / 94445 05140 / 91761 45354

e-mail : convergence17@sairam.edu.in  
saihumsa@sairam.edu.in



## ADVISORY COMMITTEE

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University of Madras

## ORGANISING COMMITTEE

**Dr. S. RAMAKRISHNAN**

Head of the Department

and

**Faculty Members**

Department of Humanities & Sciences



Department of Humanities & Sciences



17<sup>th</sup> State Level Symposium On  
Humanities & Applied Sciences

# Convergence

2017

2<sup>nd</sup> March, 2017 (Thursday)



Sri  
**SAI RAM ENGINEERING COLLEGE**

(NBA Accredited & ISO Certified Institution)

Sai Leo Nagar, West Tambaram, Chennai-44

[www.sairam.edu.in](http://www.sairam.edu.in)

**Sairam**  
INSTITUTIONS



[www.sairamgroup.in](http://www.sairamgroup.in)

Sri Sai Ram Engineering College, Chennai was established in the year 1995 by Philanthropist, Educationist and Industrialist, Shri. M. Jothi Prakasam alias MJF. Ln. LEO MUTHU, Founder Chairman of Sai Leo group of Companies and Educational Institutions. The college is situated among sylvan surroundings in an area of more than 150 acres at Sai Leo Nagar and well within the metropolitan city limits. The location of our institution with its lush greenery is calm and conducive for excellent academic pursuits.

Our college offers nine B.E. / B.Tech. Under-Graduate Degree and nine Post Graduate Degree programmes. Around four hundred well-qualified, experienced and dedicated faculty members are contributing towards the growth and development of this institution.

The Institution has well established infrastructure facilities. Fully Air-conditioned College Library has more than **Seventy thousand books and journals in the various fields of Engineering, Technology and Science.** The laboratories are well-equipped and managed by skilled technicians.

The Department of Humanities and Sciences has dedicated, well-qualified and research oriented faculty members. Fifteen of them possess Doctoral Degrees and others are pursuing their Ph.D. Many of our faculty have been attending various Workshops, Seminars, Conferences, Faculty Development Programmes, Short Term Training Programmes etc., as a part of our faculty improvement programme.

**Sai Humsa**, the Association of Humanities and Sciences is functioning effectively in many ways to emphasize the importance of basic sciences in the technical curriculum. It has been organising several special lectures by eminent scholars and exposing the students to industrial environments. A state-of-the art language lab has been set up to enhance the communication skills of the student and to train them for GRE, GMAT and TOEFL.

In order to instill and nurture scientific ideas in the young minds, the Department of Humanities and Sciences has been organising a State level symposium “**CONVERGENCE**” for the past 16 years. Each time, students in large numbers from various engineering colleges have been presenting their innovative ideas on this common platform.

Continuing this expedition, The Department of Humanities and Sciences has once again come forward to organize the 17<sup>th</sup> one day State Level Symposium on Thursday, the 2<sup>nd</sup> March, 2017.

## TOPICS FOR PAPER / POSTER

### MATHEMATICS (Paper / Poster)

1. Mathematics in Medicine
2. Mathematical Ecology
3. Biological Mathematics
4. Math-centered Technologies
5. Mathematics & Quantum Computing

### PHYSICS (Paper / Poster)

1. Laser and its Applications
2. Nanomaterials for Energy Applications
3. NLO materials for Optoelectronic Devices
4. Composite Materials
5. Physics in Medicine
6. Renewable Energy Resources

### CHEMISTRY (Paper / Poster)

1. Smart solutions in Water Purification Techniques
2. Confronting Energy Challenges – Solar Power
3. Emerging trends in Nanotechnology

### ENGLISH

#### Paper Presentation

1. Sensitivity in Language
2. The Mass Media and the Indian Family
3. Developing Learner Autonomy in Language Learning

#### Poster Presentation

1. The 'Information Superhighway'
  2. Folk Culture to Information Revolution
- Two hard copies of full manuscript neatly typed (A4, font 12, Times New Roman) are to be compulsorily sent to the Convener by post/courier along with the registration form so as to reach us on or before 16<sup>th</sup> February 2017.
  - **The front page of the paper must contain the name of the student(s), branch and year, name of the college and the residential address with mobile number and e-mail ID.**
  - Bonafide certificates attested by the Head of the Institution / Department must be attached with the paper. Selection of the paper will be based on merit.
  - The authors of selected papers will be intimated only through e-mail by 23<sup>rd</sup> February 2017.
  - Participation restricted to 1 year B.E./B.Tech. students.
  - All participants should compulsorily bring their identity cards.
  - Participants for Quiz must also send their registration forms duly filled in so as to reach us on or before 16<sup>th</sup> February 2017.
  - A maximum of three students (one team) per college can register for Quiz.
  - **No Registration Fee.**
  - **Presentation :** Overhead/LCD projector will be made available for oral presentation. An area of 1m x 1m will be provided for each poster presentation.

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## Registration form\* for Paper/Poster/Quiz

(Tick whichever is applicable)

Name :

1. ....

2. ....

3. ....

Branch/Year : .....

Subject : Maths/Physics/Chemistry/English

Title of the Paper : .....

Address for Communication : .....

Mobile no. : .....

E-mail ID : .....

(e-mail ID of each participant is mandatory).

Accommodation Required : Yes / No

Signature of the Participant

Attested by:

Head of the Institution / Department

\*Use xerox copies for more registration forms