



IMPORTANT DATES

- Submission of Full Manuscript
by mail : 23.02.2019
- Intimation of selection
through e-mail : 27.02.2019
- Confirmation of participation
by candidates through e-mail : 28.02.2019

Contact Details

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Convenor-Convergence 2019

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ADVISORY COMMITTEE

- Mr. Sai Prakash LeoMuthu**
CEO & Managing Trustee
- Ms. Sharmila Rajaa**, Trustee
- Dr. C.V. Jayakumar**
Principal, Sri Sai Ram Engineering College
- Prof. Dr. K. C. Sivakumar**
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- Prof. Dr. R. Bharathi**
Annamalai University (FEAT)
- Prof. Dr. L. Veerakumari**
University of Madras

ORGANISING COMMITTEE

Dr. S. RAMAKRISHNAN

Head of the Department

and

Faculty Members

Department of Humanities & Sciences



Department of Humanities & Sciences



19th State Level Symposium on
Humanities & Applied Sciences

CONVERGENCE 2019

Thursday, 7th March 2019



Sri **SAI RAM ENGINEERING COLLEGE**

Accredited by NBA and NAAC "A+" | An ISO 9001:2015 Certified and MHRD NIRF-ranked institution

Sai Leo Nagar, West Tambaram, Chennai-44

www.sairam.edu.in

Sairam
INSTITUTIONS



www.sairamgroup.in

Sri Sai Ram Engineering College, Chennai was established in the year 1995 by the 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 300 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. Today, Sri Sai Ram Engineering College has developed into a reputed Engineering Institution with NAAC Accredited with 'A+' Grade and ISO: 9001:2015 certifications, and this year, all our eligible Engineering Courses got accredited by the National Board of Accreditation.

The Institution has well established infrastructure facilities. Fully Air-conditioned College Library has more than seventy two 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. Nineteen 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 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 environment. A state-of-the art language lab has been set up to enhance the communication skills of the students 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 18 years. For every edition, 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 19th one day State Level Symposium on Thursday, the 7th March, 2019.

TOPICS FOR PAPER / POSTER

MATHEMATICS

Paper Presentation

1. Application of Matrices in Network Theory
2. Mathematics in Block Chain Technology
3. Application of Calculus in Economics
4. Applications of Statistics in Engineering

Poster Presentation

1. Mathematics in Signal Processing
2. Real Life Applications of Mathematics

Model Exhibits

1. Mathematics in Communication Systems

PHYSICS

Paper Presentation

1. Nano Photonics
2. Quantum Dots
3. Photonic Sensors

Poster Presentation

1. Electro Optic Modulators
2. Organic LEDs
3. Nano Composites & its applications

CHEMISTRY

Paper Presentation

1. Novel Materials for Alternate Sources
2. Sustainable Future - Green Chemistry Concepts
3. Smart Materials in Catalysis and Bio-applications

Poster Presentation

1. Smart Water Solutions in Purification and Treatment
2. Challenges and Solutions in Corrosion Control
3. Biodegradable Polymers - Alternatives to conventional Plastics

ENGLISH

Paper Presentation

1. The Unique Characteristics of English Language
2. English can be replaced

Poster Presentation

1. Indians need uniform civil code
2. Social media and its impact on human behaviour and the society

PROGRAMME

8.30 a.m. - 9.15 a.m. - Registration

9.15 a.m. - 10.15 a.m. - Inaugural function

10.30 a.m. - 1.00 p.m. - Paper & Poster Presentations

11.30 a.m. - 12.15 p.m. - Quiz (Prelims)

12.15 p.m. - 1.00 p.m. - Surprise Events

1.45 p.m. - 2.45 p.m. - Quiz (Final)

2.45 p.m. - 3.45 p.m. - Valedictory Function

Note:

Students who participate in Paper/Poster Presentation and Quiz/Surprise events will be presenting their paper/poster before 11.30 a.m.