IMPORTANT DATES

- Online Registration for all the events — 22.06.2023
- Submission of Full Manuscript by e-mail — 24.06.2023
- Intimation of selection through e-mail — 26.06.2023
- Confirmation of participation by the candidates through mail — 27.06.2023

Online Registration

https://tinyurl.com/Convergence-2023

Dr. S. Padmapriea
Convenor-Convergence 2023
9940071550
e-mail : convergence@sairam.edu.in

ADVISORY COMMITTEE

Dr. Sai Prakash LeoMuthu
CEO & Managing Trustee

Dr. K. Porkumaran
Principal, Sri Sai Ram Engineering College

Prof. Dr. K. C. Sivakumar
Indian Institute of Technology (M)

Prof. Dr. L. Jones Tarcius Doss
Anna University

Prof. Dr. N.M.I. Alhaji
Bharathidasan University

Prof. Dr. R. Mohan Kumar
Presidency College, Chennai

Prof. Dr. R. Bharathi
Annamalai University (FEAT)

Prof. Dr. G. Muthuraman
Presidency College

ORGANISING COMMITTEE

Dr. S. RAMAKRISHNAN
Head of the Department

and

Faculty Members
Department of Humanities & Sciences

DEPARTMENT OF HUMANITIES & SCIENCES

22nd State Level Symposium

CONVERGENCE 2023

Wednesday, 28.06.2023

Sri SAIRAM ENGINEERING COLLEGE
An Autonomous Institution
West Tambaram, Chennai - 44
www.sairam.edu.in

Sri Sairam Engineering College, Chennai was established in the year 1995 by Philanthropist, Educationist and Industrialist, Shri. M. Jothi Prakasam alias MJF. Ln. LEO MUTHU, Chairman and Managing Director of Sai Leo group of companies and Educational Institutions. The college is situated among sylvan surroundings in an area of more than 100 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 twelve B.E. / B.Tech. Under-Graduate Degree and seven Post Graduate Degree programmes and has 3 Ph.D. Research departments. Most of the Programmes are accredited by NBA. More than three hundred well-qualified, experienced and dedicated faculty members are contributing towards the growth and development of this institution.

Our College is an ISO 9001:2015 certified and NAAC 'A+' accredited institution. The Institution has well-established infrastructure facilities. Fully Air-conditioned College Library named as Dr. Kalam Digital Library has more than Seventy Five 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. Thirty Five of them possess Doctoral Degrees and others are pursuing their Ph.D. The Physics and Chemistry department have obtained Research Centres. Students are persuing Ph. D. through part time and full time streams with Exemplary research in diversified areas in physics and chemistry. 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 20 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 st Sciences has once again come forward to organize the 22nd one day State Level Symposium on Wednesday, the 28th June, 2023.

TOPICS FOR PAPER / POSTER

Paper, Poster Presentation and Science Project Expo
(Max. 2 Participants per Team)

Quiz (Max. 3 Participants per Team)
Surprise Event (Individual Event)

PHYSICS
Paper Presentation
- Challenges in energy storage devices
- 2D and 3D solar cell materials
- Laser spectroscopy applications
- Molucular modelling and molecular simulations towards drug design.
- Advanced materials for energy applications.

Science Project Expo
- Robotics Smart
- Drones
- Blockchain
- Agriculture
- IoT
- Automation

ENGLISH
Paper Presentation
- Is technology converting people dumber or smarter?
- English skills make one a complete professional
- English will never be replaced

Poster Presentation
- Gaming should be considered as a sport
- Are reality shows harmful to society

CHEMISTRY
Paper Presentation
- Nano materials for biomedical engineering
- Advanced energy storage technology
- Chemical sensors in engineering devices
-

Working Model/poster Presentation
- Innovative water purification techniques
- Sustainable solid waste management
- Recent developments in green syntheses and catalysis

MATHS
Paper Presentation
- Applications of matrix factorization
- Linear algebra in data science
- Applications of discrete mathematics

Poster Presentation
- Role Of Mathematics In Modern Technology

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 / Science Project Expo and Quiz/Surprise events will be presenting their Paper/Poster/Project Expo before 11.30 a.m.