



SACRED HEART COLLEGE (Autonomous)

Accredited by NAAC (4th Cycle - under RAF) with CGPA of 3.31/4 at 'A+ Grade
Tirupattur - 635 601, Tamil Nadu, India.



SHYIA 2023

SACRED HEART YOUNG INNOVATOR AWARD

An Initiative of

CENTRE FOR INNOVATION AND BUSINESS INCUBATION (CIBI)



Cash Prizes Worth

₹. 1,00,000/-

VISION

INTEGRATE INNOVATE INSPIRE

MISSION

To encourage and promote scientific temper and research among undergraduate and postgraduates students of arts, commerce and science disciplines, so as to harness their transformative power into innovative ideas for the sustainable development of our Nation.



Rev. Dr. Francis P Xavier SJ
Rector, Loyola Institutions,
Chennai - 600034



Dr. K.P.J. Reddy
Inventor - Reddy Tube,
Chairman - MACHSTAR
Group of Companies, Bangalore

"We invite all college students from across the country to join in this competition so that the spirit of Creativity and Innovation can be fostered in young minds."

**03rd
MARCH**

**LAST DATE FOR THE
SUBMISSION OF PROJECT(S)**

**PRESENTATION OF PROJECT(S)
AND AWARDING THE WINNERS**

**06th
MARCH**

About the College

Sacred Heart College is an affiliated First Grade College of Thiruvalluvar University, Vellore, Tamil Nadu. It was established in 1951 and is administered by the Salesians of Don Bosco. The college has been re-accredited (4th Cycle - under RAF) with 'A+' Grade by NAAC. It is one of the oldest and long standing autonomous colleges which strives to bring about social transformation in the rural neighbourhood through its ideals.

About SHYIA

Sacred Heart Young Innovator Award (SHYIA) is an annual National Competition organized by CIBI (CENTRE for INNOVATION and BUSINESS INCUBATION) Sacred Heart College (Autonomous), Tirupattur, for the students pursuing their studies in arts, commerce and science streams. This is the fourth edition of the event by the College to harness the innovative potential of the young minds for a better Notion. The competition, invites innovations under two categories, namely processes and products. Deserving contestants will be awarded. The event is scheduled on 06th March 2023.

Advisory Committee

Dr. R. Srinivasan

Member Secretary, Tamil Nadu State Council for Science and Technology (TNSCST), Chennai

Dr. V. N. Moni

Principal Scientist - F and Head, Centre for Materials for Electronics, Hyderabad - 500 051

Dr. C. Alagirisamy

Assistant Director (ICT), Entrepreneurship Development and Innovation Institute, Govt. of Tamil Nadu, Chennai

Mr. A. Ravikumar

Assistant Director, Ministry of Micro, Small and Medium Enterprises (MSME), Development Institute, Govt. of India, Chennai

Dr. Bangaru Giri

Assistant General Manager, National Bank for Agriculture and Rural Development (NABARD), Tamil Nadu Regional Office, Chennai

Dr. M. Syed Musthapa

Principal Scientist, CSIR - Central Food Technological Research Institute, Ministry of Science and Technology, Govt. of India, Mysuru - 570 020

Mr. C. Thirugnana Sambandam

Senior Scientist, Airframe Directorate, Aeronautical Development Agency, Ministry of Defence, Govt. of India, Bangaluru

Dr. N. Vijayan

Senior Scientist, X-Ray Analysis and Crystal Growth Section, CSIR - National Physical Laboratory, New Delhi - 110 612

Mr. K. Ravi

General Manager, District Industries Center (DIC), Govt. of Tamil Nadu, Vellore

Mr. R. Giri Iyyappon

Assistant Director, SIDCO, Khadi Village Industries Board (KVIB), Govt. of Tamil Nadu, Vellore

Mr. M. Arun Pandian

Chief Manager
Lead District Manager,
Indian Bank, Tirupattur

Mr. P. Vimal Laxman

Principal Engineer,
Centre for Development and
Advanced Computing,
Chennai.





THRUST AREAS (SDGs)



Note: However, The scope of selecting topics for the project is not limited.
(In addition to mentoring, IPR facilitation will be provided to all participants through the IPR Nodal Centre of our College.)



RULES, REGULATIONS AND ELIGIBILITY

- Participants must be a student pertaining to disciplines of Arts, Commerce and Science. They should produce a recent Bonafide Certificate from their respective institution.
- Only one submission per student/team (team consists of maximum 5 students)
- Online registration is mandatory for all participants.
- Once the Online Registration is done, participants will be provided with a **SHYIA ID No.**
- The participants are to use the SHYIA ID No. in all their presentation and in any case **should NOT** reveal their identity in way of their Name or the name of Institution that they belong.
- The last date for the registration and the submission of the abstract is **03rd March 2023** before **06:00 p.m.**



SCORING CRITERIA

- IDEA GENERATION
- INNOVATIVE APPROACH
- SCALABILITY AND SUSTAINABILITY PLAN



PROJECT SUBMISSION

- Projects have to be submitted through your College in the prescribed format.
- Project Type: **PROCESS / PRODUCT**
- Provide description about the project and technology used.
- Furnish student and college contact details.
- Upload the needed photos, videos, sketches of the project to the website www.leapshc.org/shyia
- Product presentation could be either Online / Offline during the event.



ONLINE PRESENTATION OF PROJECTS

- This is only applicable for the participants of Other States outside Tamil Nadu.
- The title slide should contain the title of the presentation.
- Do not disclose the name of the authors, co-authors, name of the advisor, affiliation or any personal information which reveals the participant's identity.
- SHYIA ID No. should be mentioned below the title of the Project
- The Presentation should be a Pre-Recorded Video uploaded in the You**Tube** and the link must be shared to the online registration form. (If clarification needed, the panel would contact the participants via **GOOGLE MEET**)



PRIZE AWARD IN EACH DOMAIN



₹.10,000/-



₹.7,000/-



₹.5,000/-

3 Consolation Prizes of ₹.1000/- (for each Domain)

DOMAIN COORDINATORS



Dr. S. U. Vasanthakumar
Dr. A. George Louis Raja

COMPUTING AND MATHEMATICAL SCIENCES

Dr. I. Niyas Ahamed
Dr. M. Manigandan

LIFE SCIENCES

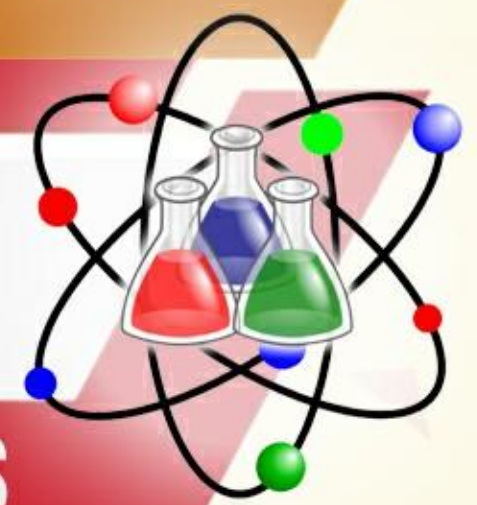


Dr. S. Sasikumar
Dr. K. Arokiaraj

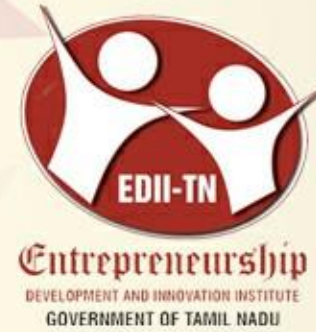
LANGUAGES AND SOCIAL SCIENCES

Dr. S. A. Martin Britto Dhas
Dr. S. Shekar

PHYSICAL AND CHEMICAL SCIENCES



OUR PARTNERS



Patron

Rev. Dr. John Alexander, SDB
Rector and Secretary

Chairman

Rev. Dr. D. Maria Antony Raj, SDB
Principal

Vice-Chairman

Rev. Dr. K.A. Maria Arokiaraj, SDB
Additional Principal



Director - CIBI

Rev. Dr. Theophil Anand, SDB
9786668082
theophil@shcpt.edu

Convener - SHYIA

Dr. P. Saranraj
9994146964
saranraj@shcpt.edu

REGISTRATION FEES - ₹. 200/- (Per Participant)

(ID Card, Morning Coffee and Snacks, Business Lunch, Evening Tea & Snacks, CERTIFICATE)

www.leapshc.org/shyia

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