St. Joseph's College (Autonomous)

Accredited at A^{++} Grade (4th Cycle) by NAAC
Special Heritage College Status awarded by UGC
College with Potential for Excellence
DBT-STAR & DST-FIST sponsored College

Tiruchirappalli - 620 002

INNOVATHON 2023
- SJC's *National Level Innovation Fest*

3rd March 2023
St. Joseph's College, Tiruchirappalli.

Prizes worth of Rs. 1 lakh inclusive of

Jayakumar Radhakrishnan Cash Award &

The Alphonsa and Lourdudoss Cash Award

ABOUT THE COLLEGE

St. Joseph's College (Autonomous), Tiruchirappalli, Tamil Nadu, established in 1844, is one of the oldest colleges in India, serving the varied sections of the society in the field of higher education. In recognition UGC has awarded Special heritage College status. In its annals of history, the college has accomplished several feats: One of the first institutions to be granted autonomy in 1978; the first institution in India to start B.Sc. Computer Science and MCA in 1984; got the coveted Special Heritage Status from the UGC; a century old museum with French architecture; recognized by the UGC as a College with Potential for Excellence in 2004; consistently accredited with higher grades by the NAAC : Our College has been graded at A++ in the 4th Cycle of accreditation. Our College secured 26th rank in NIRF ranking for 2022.

The college has sent into the world thousands of young men every year, each one of them bearing the hallmarks of a Josephite. The former Principal of the College Fr Jerome D'souza SJ was a member of the Indian Constituent Assembly and on four occasions he was a member of the Indian delegaton to the UNO. One may recall "the stars that shine still"- worthies like His Excellency Bharat Ratna Dr A. P. J. Abdul Kalam, Former President of India; renowned Physicist Dr G N Ramachandran; Hon'ble Dr AR Lakshmanan, Retired Judge, Supreme Court of India; Shri N Gopalaswamy, Former Chief Election Commissioner. Prof. T Ramasami, Former Secretary, Dept. of Science & Technology; Shri Nepolean, Former Union Minister of State for Social Justice and Empowerment; Shri V Thiruppugazh IAS, former Advisor to NDMA; Shri S Ramesh IRS, former Chairman, Central Board of Indirect Taxes and Customs; Shri Sujatha, Inventor of EVM and renowned Writer and a galaxy of others.

St. Joseph's College has around 7500 students spread across 18 Undergraduate, 21 Postgraduate, M.Phil. and PhD Programmes.

ABOUT INNOVATHON

Innovathon 2023 is an initiative of St. Joseph's College to provide a platform for students to transform their innovative ideas into reality. It is an event in which teams of students showcase their innovative ideas in the form of prototypes. The best prototype wins award and it helps motivating the students to become future entrepreneurs

OBJECTIVES

- To ignite young minds by nurturing their innovative ideas and to activate thier dreams
- To solve real-world societal problems by design thinking
- To create opportunities for students to showcase their innovative ideas

GUIDELINES

- Students from Arts and Science College are eligible to participate
- Each College can send up to 4 teams
- Number of members in a team: Maximum 2
- Teams can be a mixture of UG and PG students
- Teams can be mentored by Staff members and the HoD of respective Departments
- Teams should register on or before 05.01.2023
- Each team will submit their proposal, reviewed, and forwarded by respective HoDs and Staff-in-Charge (mentors) on 27.01.2023
- The submitted proposals will go through blind-review by external experts.
- During the Innovation Fest on 03-03-2023, teams will showcase prototypes designed of their innovative ideas.
- Their prototypes and ideas will be evaluated by judges and best prototype will be honoured with cash prize and Medal on 03.03.2022 at NATIONAL LEVEL INNOVATHON 2023

AREA OF THRUST

Student's Ideas/ Prototypes/Innovations on the following themes are invited for submission

- Healthcare & Biomedical devices.
- Agriculture & Rural Development.
- Smart Vehicles/ Electric vehicle/ Electric vehicle motor and battery technology.
- Food Processing.
- Robotics and Drones.
- Waste Management.
- Clean & Potable water.
- Renewable and affordable Energy.
- IoT based technologies (e.g. Security & Surveillance systems etc.)
- ICT, cyber-physical systems. Blockchain, Cognitive computing , Cloud computing, AI & ML.
- Sustainable Development
- Tourism
- Other emerging areas of Innovation and Start-up opportunities

SCORING CRITERIA

PART A - 50 Points

- Relevance of problem & proposed solution
- Feasibility of solution (smart- specific, measurable, achievable, realistic, timebound)
- Applicability of solution

PART B - 50 Points

- Exhibiting the prototype in person -50 Points

PROJECT TIMELINE

ANNOUNCEMENT OF COMPETITION	: 21-12-2022
REGISTRATION OF TEAMS (Arts & Science Colleges only)	: 05-01-2023
SUBMISSION OF PROPOSALS	: 27-01-2023
DISPLAY OF PROTOTYPE AND AWARD CEREMONY INNOVATHON 2023	: 03-03-2023

PRIZE MONEY

Prizes worth of Rs. 1 lakh inclusive of
Jayakumar Radhakrishnan Cash Award &
The Alphonsa and Lourdudoss Cash Award

CASH PRIZE + SHIELD
All the participants will receive certificates

REGISTRATION FEE PER TEAM: ₹ 1000.00 (Inclusive of food & refreshments)

For online Registration : **CLICK HERE**

ORGANISING TEAM

Patrons

Rev. Dr. Leonard Fernando SJ
Rector

Rev. Dr. K. Amal SJ
Secretary

Rev. Dr. M. Arockiasamy Xavier SJ
Principal

Dr. P. Rajendran
Deputy Principal

Organising Chair

Dr. A.N. Paul Angelo
Dean - School of Physical Sciences

Organising Secretary

Rev. Fr. J. John Wilson SJ
Asst. Prof. of Electronics

Organising Team

Dr B. Kanickairaj
Dr. S. Senthil Kumar
Dr. A. Leo Rajesh
Dr. S. Dinakaran
Dr .A. Vimal Jerald
Dr. M. S. Xavier Pradheep Singh
Dr. Arockia Rajasekar

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