



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



INNOVATION 2022

- SJC's National Level Innovation Fest

20th April 2022

St. Joseph's College Campus

Prize

1st ₹ 50,000/- 2nd ₹ 30,000/- 3rd ₹ 15,000/-

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 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 27th rank in NIRF ranking for 2021.

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 delegation 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 Thirupugazh 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 19 Undergraduate, 21 Postgraduate, M.Phil. and PhD Programmes.

ABOUT INNOVATHON

Innovathon 2022 is maiden 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 their 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
- 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 25-03-2022
- Each team will submit their proposal, reviewed, and forwarded by respective HoDs and Staff-in-Charge (mentors) on 05.04.2022
- The submitted proposals will go through blind-review by external experts.
- During the Innovation Fest on 20.04.2022, teams will showcase prototypes 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 20.04.2022 at NATIONAL LEVEL INNOVATHON 2022.

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	: 19-03-2022
REGISTRATION OF TEAMS (Arts & Science Colleges only)	: 25-03-2022
SUBMISSION OF PROPOSALS	: 15-04-2022
DISPLAY OF PROTOTYPE AND AWARD CEREMONY	
INNOVATHON 2022	: 20-04-2022

PRIZE MONEY

Prize **1st ₹ 50,000/- 2nd ₹ 30,000/- 3rd ₹ 15,000/-**

CASH PRIZE + SHIELD

CONSOLATION PRIZE ₹ 2,000 (FOR 10 TEAMS)

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. S. Peter SJ
Secretary

Rev. Dr. M. Arockiasamy Xavier SJ
Principal

Dr. V. Alex Ramani
Deputy Principal

Organising Chair

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

Organising Secretary

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

Organising Team

Dr B. Kanickairaj
Dr M. S. Xavier Pradheep Singh
Dr A. Vimal Jerald
Dr Arockia Rajasekar
Dr A. John Balaiah

For details contact : **Dr. M. S. Xavier Pradeep Singh - 82207 77313, Dr. A. Vimal Jerald - 9698111008**
innovathon2022@mail.sjctni.edu