

# PROGRAMME SCHEDULE

21 FEBRUARY 2024

08:30 a.m. - 09:30 a.m.	: Registration
09:30 a.m. - 10:00 a.m.	: Inauguration
10:00 a.m. - 10:30 a.m.	: Prelims
10:00 a.m. - 11:15 a.m.	: Who am I ? Mathematical Modeling Rangoli
11:15 a.m. - 11:30 a.m.	: Tea Break
11:30 a.m. - 01:00 p.m.	: Paper Presentation Connection
01:00 p.m. - 02:00 p.m.	: Lunch
02:00 p.m. - 03:00 p.m.	: Quiz finals
03:00 p.m. - 04:30 p.m.	: Math Tune
04:30 p.m. - 04:45 p.m.	: Tea Break
04:45 p.m.	: Valedictory Function



## General Instructions

- Registration fee for each participant is Rs. 150/- only
- Students must bring their college ID card.
- One staff may be deputed to accompany the participants
- The decision of the judges will be final.
- Lunch and refreshments will be provided.
- Certificates will be given to all the participants.
- Overall Winner and Runner prizes will be decided by the cumulative marks scored by the team.

**Dr. M. Thiagarajan,**

Head of the Department.

### CONTACT

Dr. V. Vairaperumal , 99764 78060.  
(President - Mathematics Association).

Ms. J. Joselin Infanta , 90476 49687.  
(Student Secretary)



Since 1844

**DEPARTMENT OF MATHEMATICS**  
**St. Joseph's College (Autonomous),**

Special Heritage Status Awarded by UGC,  
Accredited at A++ Grade (4th Cycle) by NAAC  
College with Potential for Excellence by UGC, DBT-STAR &  
DST-FIST Sponsored College, Tiruchirappalli - 620 002

**MATHEMATICS**  
**OLYMPIAD**  
**2024**

**₹2000/-**  
**for overall**  
**Winners**

**₹1000/-**  
**for overall**  
**Runners**

**Date: 21st February 2024**  
**Venue: Rev. Fr. K. P. Joseph Hall**  
**Time: 08:30 a.m.**

## ABOUT THE DEPARTMENT

The Department of Mathematics is one of the oldest and premiere Departments of the college from its inception in 1844 and has a lion's share in the prominence and the progress of this great educational institution. In 1911, the University of Madras granted permission to run the Honours course in Mathematics. From 1960 onwards, the Department offers M.Sc in Mathematics and in 1976 the Department became a full fledged Research Department offering Ph.D programme.

## ABOUT MATHEMATICS OLYMPIAD

The Sesquicentenary Mathematics Olympiad is a state level Intercollegiate competition conducted every year by the Department of Mathematics. The purpose of this event is to exhibit mathematical talents among students of Mathematics at the UG and PG level from various Institutions across the state. In order to commemorate the 180th year of academic journey of our institution, the Mathematics Association has added exciting and brain squeezing events in the Maths Olympiad this year.

## EVENTS

### QUIZ

- 2 participants per team .
- Topics for preparation: Pure and Applied Mathematics
- Prelims will be conducted.

### PAPER PRESENTATION

- 1 participant per team.
- Topic: Related to Mathematical Shapes and Structures.
- Softcopy should be submitted at the time of Registration.
- Duration: 4 Minutes

### MATHEMATICAL RANGOLI

- 2 participants per team.
- Rangoli must depict certain Mathematical concept.
- Bring the necessary materials.

### MATHEMATICAL MODELING

- 2 participants per team.
- Models should depict any Mathematical idea or its applications
- Duration: 1 hour
- You should bring the required materials and prepare the model

## CONNECTION

- 2 participants per team.
- It's a mixture of game.
- Rules will be given on the spot.
- Prelims will be conducted, if necessary

## WHO AM I ?

- 2 participants per team.
- Rules will be given on the spot.
- Prelims will be conducted, if necessary

## MATH TUNE

- 5 participants per team.
- Duration: 3 Minutes.
- Tamil and English language can be used.
- Acoustic Musical instruments are allowed.
- Use of karaoke is not allowed.

Inaugural Felicitation by

**Rev. Dr. K. Amal SJ,**

Secretary, St. Joseph's College, Tiruchirappalli.

Valedictory by

**Dr. P. Rajendran,**

Deputy Principal, St. Joseph's College, Tiruchirappalli.