



# SACRED HEART COLLEGE

DEPARTMENT OF MATHEMATICS  
P R E S E N T S

UNLEASHING  
THE NTH  
DEGREE  
OF FUN!

# MANTRA '24

MANTRA '24

1 3 T H F E B R U A R Y

Instagram icon [MANTRA\\_2024](#)

[MANTRA2K24@GMAIL.COM](mailto:MANTRA2K24@GMAIL.COM) Gmail icon

F O R R E G I S T R A T I O N

**Faculty coordinators:**  
Dr. Lakshmi Priya R  
Dr. Didimos K V

**Student coordinators:**  
Anitta Biju - 9446734488  
Aby Joseph - 8089476618

# ABOUT OUR DEPARTMENT

The department of mathematics is one of the vibrant departments of Sacred Heart College since its founding in 1944. The mathematics department has trained thousands of students in its esteemed undergraduate and postgraduate mathematics program. In recognition of its innovative pedagogy and supportive academic environment, the mathematics department at our college consistently elevates the pursuit of mathematical knowledge laying foundation for life long learning and discovery.

## INVITATION

Dear Sir/Madam,

Mathematics department of Sacred Heart College (Autonomous), Thevara cordially invites you to the upcoming Mathematics fest "MANTRA 2K24" scheduled to be held on 12th and 13th of February.

Looking forward to your presence at "MANTRA 2K24" for a celebration of mathematics and knowledge. Your participation would greatly enrich the event. See you there!

**Principal**  
**Rev. Fr. Jose John CMI**

**HOD**  
**Dr. Jeenu Kurian**

# FEST EVENTS!



**MathriX**  
Treasure Hunt  
Competition



**Visual Symphony**  
Photography  
Competition



**Colour Crack**  
Rubik's cube  
Competition



**E-Golazo!**  
E-Football  
Competition



**Manthanein**  
Rev. Fr. John Therezhath Endowment Quiz  
Competition

**CLICK ON EACH EVENT TO REGISTER**

# MathriX

Treasure Hunt

FIRST PRIZE : 7000/-

SECOND PRIZE : 5000/-

Date : 13th February

Reporting Time : 9:00 am

Registration Fees : 400/- per team

For more details contact:

Caroline Shajan ; 9847524157

## **RULES AND REGULATIONS**

- A team must consist of four members from the same college.
- Any number of teams can participate from the same college.
- There will be 5 rounds. The instructions to each round will be given on the spot.
- During the scavenger hunt, please ensure that no damage is done to any of the college properties.
- Every team member must bring their college ID at the time of reporting.
- Electronic devices are strictly prohibited.

# Visual Symphony

Photography

**FIRST PRIZE : 2000/-**

**SECOND PRIZE : 1000/-**

Date : 13th February

Reporting Time : 9:00 am

Registration Fees : 100/- per team

For more details contact:

Peter : 9567699638

## **RULES AND REGULATIONS**

- It is an individual competition.
- Payment must be done in the given Google form.
- All participants are requested to bring camera or phone for the competition.
- Each participant must take an original photo and it shouldn't be edited.
- The participants must upload geotagged photos to the email id which would be provided at the time of the event.
- A printout of the original photo should be submitted to the judges.
- The picture size should be 205 mm x 292 mm.
- Participants must explain the mathematical importance of the picture.
- Judging criteria: Marks would be based on both mathematical importance of the picture and it's aesthetic beauty.

# Colour Crack

Rubik's Cube Competition

**FIRST PRIZE : 2000/-**

**SECOND PRIZE : 1000/-**

Date : 13th February

Reporting Time : 9:00 am

Registration Fees : 100/- per team

For more details contact:

Jaisil : 9778291095

## **RULES AND REGULATIONS**

- Only individual participation is allowed.
- Rubik's cubes will be provided to the Participants.
- Judgement will be based on the minimal time taken to solve the cube.
- The decision of the judges will be final.
- Entry without your college id is restricted.

# E-Golazo!



E-Football

**FIRST PRIZE : 1000/-**

**SECOND PRIZE : 500/-**

Date : 13th February

Reporting Time : 9:00 am

Registration Fees : 50/- per team

For more details contact:

Ananthakrishanan : 8089255461

## **RULES AND REGULATIONS**

- All participants should have a stable network connection.
- All Participants should report on time provided on fixture.
- Any participant who reports 15 minutes after the reporting time will be disqualified.
- A participant who does not report before the deadline loses his chance to become a host. (But can still play)
- If a participant doesn't report before deadline, then he/she will be considered as disqualified and the opponent will be declared won.
- No kind of malpractices (like Network tampering, favoring match settings, etc.) are allowed on this tournament.
- No one except the participants and coordinating members shall be allowed inside the arena.

# **Manthanein**

Rev. Fr. John Therezhath Endowment Quiz

**FIRST PRIZE : 3000 & Ever Rolling Trophy**

**SECOND PRIZE : 2000/- & Ever Rolling Trophy**

**THIRD PRIZE : 1000/-**

Date : 13th February

Reporting Time : 9:00 am

No Registration Fees

For more details contact:

Athira mol : 7306590170

## **RULES AND REGULATIONS**

- Teams of two participants are required.
- Individual entries will not be accepted.
- Multiple teams representing the same college are encouraged.
- All the questions will be related to mathematics.
- All the rules and decisions made by the designated Quiz Master shall be considered final.
- Spot registration is available till 10 AM.
- Participants are required to bring their official college ID cards for verification.



# **MANTRA'24 ORGANIZING COMMITTEE**

## **Faculty members:**

**Dr.Jeenu Kurian**

**Mrs.Maria Sebastian**

**Mr.Jeet Kurian Mattam**

**Dr.Lakshmipriya R**

**Dr.Didimos K V**

**Mrs.Sakhi MP**

**Mr.Sanil Jose**

**Mr.Arjun K S**

## **Students:**

**Anitta Biju - 9446734488**

**Aby Joseph - 8089476618**

**Renilda Maria Wilfred - 6238445642**

**Mohammed Shahid - 9567848753**

**Mantra'24**