

Under the DBT - Star College Scheme

Somaiya  
TRUST

# Department of Physics

K.J.SOMAIYA COLLEGE OF SCIENCE AND COMMERCE

Presents

## Fizika 2K16

CIRCUITRIX

$\mu$ RAL  
Quiz Competition

$\phi$  WORDS  
CROSSWORD

Schrodinger's Cat  
Treasure Hunt

ESPECTRO  
Photo  
Competition

QED  
EXHIBITION

EUREKA  
Quiz Competition

THANDA  
MATLAB

For registration Contact  
**MS. Ranjana Shukl(HOD)**

Student coordinators  
**Ms. Jovita Pinto**  
(9664054602)

**Mr. Khafeel Khan**  
(9028259218)

VENUE  
DEPARTMENT OF  
PHYSICS

DATE  
7<sup>TH</sup> DECEMBER  
2016

NOTE: ENTRY WITH ID ONLY

Find us on  
facebook

/fizika2016

# Fizika 2016

## 1. Eureka

**From science to scientist, from invention to discovery.... This is the event that will offer food for thoughts to the inquisitive mind and put to work those seldom used little grey cell.**

Teacher in charges:

- 1) Dr Pallavi Raote
- 2) Mr Ketankumar Gayakwad

Student in charges:

- 1) Ms Fiona Rodrigues
- 2) Ms Tasneem Khan

Rules and regulations:

- 1) A group should consist of two members.
- 2) The topic of the quiz is General Physics.
- 3) The first round will be MCQ based which will followed by other rounds.
- 4) Use of mobile phones is not allowed, if found would be disqualified from the quiz.

# Fizika 2016

## 2. Phiwords

Phi Words, a fun and relaxing Physics Crossword puzzle which is designed to test your understanding of basic concepts and terms in Physics.

Teacher in charges:

- 1) Ms. Smita Survase
- 2) Dr. Rucha Naik

Student in charges:

- 1) Ms Shifa Sofewala
- 2) Mr.Momin Saud Ahmed

Rules and regulations:

- 1) It'll be a 42x42 crossword. Basic crossword rules apply here.
- 2) 5 minutes will be given to read all the questions.
- 3) Order in which the questions are solved will be arbitrary.  
Anyone who raises his/her hand first gets to decide which question will be solved next.
- 4) Contestants will get 30 secs to solve the question asked after which they will be evaluated, the answer for that particular question will be declared and the next question will be decided in the same manner.
- 5) This is an individual event

# Fizika 2016

## 3. $\mu$ Ral

**A basic poster competition with a taste of physics in which you will have to not only paint/sketch a phenomena or an event related to the given topic but also give a brief physics related description about said phenomena or event.**

**Unveil the space artist in you**

Teacher in charges:

- 1) Mr. Jitendra Pendharkar
- 2) Mr. Anshul Gupta

Student in charges:

- 1) Mr. Mihir Mehta
- 2) Mooni Deb Burman

Rules and Regulations-

- 1) The topic for the competition is astrophysics
- 2) You have the freedom of using any form of colours (i.e. poster, acrylic, colour pencils, etc).
- 3) The surface on which you paint will be either cloth or paper; tiles or stones are not permitted.
- 4) Finally everything on your  $\mu$ Ral has to be hand painted or drawn no prints or ready-made patterns are allowed.
- 5) Posters should reach us before 9 am of 7<sup>th</sup> December 2016

# Fizika 2016

## 4. Espectro

### Teacher in charges:

- 1) Dr. Geeta Nair
- 2) Dr. Ritwika Chakravarti

### Student in charges:

- 1) Mr. Ankush Banerjee
- 2) Mr. Dilip Rathod

### Rules and regulations:

1. The topic for the competition is Physics in daily life.
2. The photographs should be clicked by the participants only; any hint of plagiarism will result in immediate disqualification.
2. The participants should have a printed copy of (8X 10) dimensions which they could put up and display.
3. The participants should submit their entries (with a brief explanation of what physics you see in the photograph) at least a day prior to the event day.
4. Details about the camera specifications, place should be mentioned.
5. Multiple entries are allowed.

# Fizika 2016

## 5. Circuitrix

**It is the best arena to show that you are the best player with circuits; compete with other members to get your first output and win it to be the CIRCUIT MASTER**

Teacher in charges:

- 1) Dr. Deepak More
- 2) Mr. Deepak Jalla

Student in charges:

- 1) Mr.Amit Chaudhary
- 2) Mr.Kafeel Khan

Rules and regulations:

1. Participation can be in group of 2 or as an individual.
2. Use of mobile phones will not be allowed; Participant can use their calculators instead.
3. Basic knowledge of electronics will be required.

# Fizika 2016

## 6. Schrodinger's Cat

**Munch up some bytes when the mind battles with the clues to fetch an abandoned pirate cave of neither gold nor silver but something more exciting.....**

Teacher in charges:

- 1) Dr. Meena Sharma
- 2) Mr.Amit More

Student in charges:

- 1) Ms .Nitya Singh
- 2) Mr.Akshay Poojary

Rules and regulations:

- 1) One team will consist of 4 members.
- 2) Blueprints or map of the college campus will be provided.
- 3) There will be two rounds:- Round 1 (the qualifying) & Round 2(the final)
- 4) In case of any discrepancies (disclosing or destroying of clues, use of mobile phones, etc.), the team will be disqualified.
- 5) There should be a fair play and teams found seeking help from outsiders will be disqualified.
- 6) Coordinators will reserve the rights to disqualify any team during the event in case of any discrepancies.

## 7. QED Exhibits

Teacher in charge:

- 1) Mr. A. M.Shaker

**Convenors: i) Ms Smita Survase and ii) Dr.Pallavi Raote**