



# BRILLIANT SCIENCE OLYMPIAD BSO 2024



JOIN US AND TAKE ON THE BIGGEST  
SCIENCE CHALLENGES

BSO 2023 Created a SPARK & IGNITION on the  
students of Class **8,9 & 10** with fabulous participation in the  
history of Brilliant Study Centre, Pala

REGISTRATION  
**ONLINE  
ONLY**



1<sup>ST</sup>  
PRIZE

₹ **1 LAKH**

2<sup>ND</sup>  
PRIZE

₹ **50,000/-**

3<sup>RD</sup>  
PRIZE

₹ **25,000/-**

FOR EACH  
CLASSES 8,9,10

AWARDS & REWARDS

₹ **16  
LAKHS**

WHERE KNOWLEDGE BECOMES POWER

- |                                       |   |
|---------------------------------------|---|
| <b>Eligibility</b>                    | : Student Studying in Class <b>8,9 &amp; 10</b>   |
| <b>Exam Structure</b><br>(Two Levels) | : Level-1: Online Mode on 28 <sup>th</sup> October 2023<br>Level-2: Offline Mode January 2024 |
| <b>Exam Pattern</b>                   | : Multiple Choice Questions with negative marks   |
| <b>Registration Fee</b>               | : ₹200/- (Including GST)  |
| <b>Features</b>                       | : Awards & Rewards<br>Merit Certificate for Level-2 appearing students.                       |

LAST DATE OF  
ONLINE REGISTRATION

**25 / 10 / 2023**

LAST DATE OF  
FEE PAYMENT

**26 / 10 / 2023**

[www.brilliantpala.org](http://www.brilliantpala.org)

☎ 9188900565 | 9188900566 | 04822-206100/206800

e-mail: [bso@brilliantpala.org](mailto:bso@brilliantpala.org)

# SUGGESTED SYLLABUS FOR BSO-2024

## CLASS - 8

### PHYSICS

Motion, Force & pressure, Friction, Light, Electricity & Circuits, Magnetism

### CHEMISTRY

Synthetic fibres & Plastics, Physical Changes and Chemical Changes, Acids and Bases, Separation of Substances

### BIOLOGY

Cell structure and function, Cell theory, Tissue - animal & plant tissue, Crop production & management - various agricultural sector, Digestion, Respiration and Transportation in animals

### MATHEMATICS

Parallel Lines, Area of Triangle, Ratio, Money Math, Numbers, Algebra, Square and Square roots & Right Triangles, Linear Equations in One variable, Identities, Polygons

## CLASS - 9

### PHYSICS

Motion and equations of motion, Force, Friction, Laws of motion, Pressure, Gravitation, Electricity, Magnetism, Light, Sound

### CHEMISTRY

Matter, Atoms and Molecules, Structure of Atom, Physical Changes and Chemical Changes

### BIOLOGY

Cell-fundamental unit of life, Tissue, Biosphere, Digestion, Simple nutrients into cell, Respiration, Reproduction in plants & animals, Adolescence.

### MATHEMATICS

Area of Triangles & Quadrilaterals, Ratio, Money Math, New Numbers, Pair of Equations, Decimal forms, Parallel Lines, Polygons, Square & square roots, Negative Numbers, Statistics, Identities

## CLASS - 10

### PHYSICS

Electricity, Effects of electric current, Magnetic effect of electric current, Motion & equations of motion, Force & laws of motion, Pressure, Light, Gravitation, Work energy & power, Sound

### CHEMISTRY

Acids Bases and Salts, Metals and Non-metals, Carbon & its Compounds, Structure of Atom, Periodic Classification of Elements, Chemical Reactions & Equations

### BIOLOGY

Life process (Nutrition, Respiration, Transportation, Excretion), Control & co-ordination (Nervous system & Endocrine system), Reproduction of plants & animals, Biodiversity & conservation, Human eye & vision.

### MATHEMATICS

Similar Triangles, Circles, Parallel Lines, Number system, Area, Pair of Equations, Polynomials, Ratio, Statistics, Second Degree Equations, Arithmetic Sequence, Coordinates Geometry, Identities, Money Math, Square & Square Roots, Quadrilaterals, Mensuration

**MENTAL ABILITY** This section includes questions on logical, analytical reasoning and general knowledge with current affairs.

## CASH AWARDS

RANK	NOS	AMOUNT
1	1	₹ 1,00,000/-
2	1	₹ 50,000/-
3	1	₹ 25,000/-
4	1	₹ 20,000/-
5-10	6	₹ 15,000/-
11-20	10	₹ 10,000/-
21-50	30	₹ 5,000/-
51-100	50	Special Prize

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11-20	10	₹ 10,000/-
21-50	30	₹ 5,000/-
51-100	50	Special Prize

CERTIFICATE AWARDED FOR ALL **STAGE-1 QUALIFIED STUDENTS.**

## REGISTRATION PROCEDURE

**STEP 01** Visit [www.brilliantpala.org](http://www.brilliantpala.org) and select the "Student Portal"

**STEP 02** Successfully complete the "one time registration" through student portal Provide a valid mobile number & Active Mail ID

**STEP 03** Create student ID and Password. Also upload a Recent Photo Fill personal data

**STEP 04** Login with Student ID & Password & go to programme. New courses

**STEP 05** Apply for the Science Olympiad

**STEP 06** Remit the FEE Online / Offline

**Brilliant**  
STUDY CENTRE, PALA

### PALA

Mutholy, Puliyanloor P.O.,  
Kottayam, Pin-686573,  
Ph: 04822-206100, 206800

### TRIVANDRUM

Cardinal Cleemis Centre  
Mar Ivanios Vidya Nagar, Nalanchira  
Ph: 0471-2995100 / 9188900418

### ERNAKULAM

Sanjos Arcade, Thevara,  
Ernakulam  
Ph: 0484-2665080/2665090

### KOLLAM

Near Younus College,  
Vadakkavila P. O., Pallimukku  
Ph: 9188900667

### KOZHIKODE

Near Devagiri College Campus  
Medical College Jn.  
Ph: 8281619981

### THALASSERY

Matha Centre, Near Bishop House,  
Thalassery  
Ph: 9188900446

### THRISSUR

Chaldean Syrian College,  
East Fort, Thrissur  
Ph: 9633366100