



INFORMATION BROCHURE

PHYSICS OLYMPIAD, 2024

Organised by

Assam Physical Society

(Registration No. : RS/KAM/240/J/213 of 1999-2000)

AIM :

The state level PHYSICS OLYMPIAD has been organised over the years with a vision to inculcate among the students the zeal for physics and to build a strong foundation of physics for national level competitive examinations. This examination serves as a platform for the students to measure their individual potentiality to solve problems and then to create a challenging and a competitive environment amongst them.

IMPORTANT DATES :-

DATE OF ISSUE OF FORMS : 20/09/2024
LAST DATE OF RECEPTION OF FORMS : 20/10/2024
DATE OF THE EXAMINATION : 10/11/2024
(11 AM ONWARDS)

EXAMINATION FEE : RS 100/- (ONE HUNDRED ONLY)

EXAMINATION DETAILS :-

CATEGORY	CLASS	TOTAL MARKS	TIME	SYLLABUS	MEDIUM
I	IX & X	30 x 2 + 10 x 4=100	2 HOURS	SEBA & CBSE	ASSAMESE & ENGLISH
II	XI & XII			AHSEC & CBSE	

- THE QUESTIONS WILL OF MULTIPLE CHOICE TYPE. THERE WILL BE NO NEGATIVE MARKINGS FOR WRONG ANSWER.
- USE OF CALCULATORS IS ALLOWED.
- MOBILE PHONES ARE STRICTLY PROHIBITED INSIDE THE EXAM HALL.

AWARDS :-

FIRST, SECOND AND THIRD POSITION HOLDERS IN EACH CATEGORY WILL BE AWARDED WITH CASH, CERTIFICATES AND TROPHIES & CENTER TOPPERS WILL BE AWARDED WITH CERTIFICATES AND TROPHIES. HOWEVER, THIS WILL BE APPLICABLE TO CANDIDATES SECURING MARKS 60% OR ABOVE.

PHYSICS OLYMPIAD EXAMINATION CENTERS :-

SL NO.	NAME OF THE CENTER	CENTER COORDINATOR	CONTACT NO.
1	ADP COLLEGE, NAGAON	DR HRISHIKESH TALUKDAR	7002650004
2	BARKHETRI COLLEGE, MUKALMUA	DR ABHIJIT BARUAH	7002280622
3	B.H. COLLEGE, HOWLY	MR DANDESWAR DEKA	9435272886
4	BISWANATH COLLEGE, BISWANATH CHARIALI	DR PRATIKSHYA BEZBARUAH	6003675377
5	BHATTADEV UNIVERSITY, PATHSALA	DR. UPAKUL MAHANTA	9706542382
6	CHAIDUAR COLLEGE, GOHPUR	DR. LAKHI BURAGOHAIN	9435485193
7	GOALPARA COLLEGE, GOALPARA	DR. MANJIT BORAH	8876505265
8	JAGIROAD COLLEGE, JAGIROAD	DR. PRANJAL SARMA	9706831801
9	J.N. COLLEGE, BOKO	DR. RANJIT BAISHYA	7002744342
10	MANGALDAI COLLEGE, MANGALDAI	DR. KANGKAN SARMA	9435825378
11	NALBARI COLLEGE, NALBARI	DR. HEMEN KAKATI	9864145217
12	NORTH GUWAHATI COLLEGE, GUWAHATI	DR. DHRUBAJIT KALITA	8811990834
13	PANDU COLLEGE, PANDU	DR. JAYANTA HAZARIKA	7577990511
14	D.K. COLLEGE, MIRZA	DR. BIDYUT KR. DAS	9727897524
15	DULIAJAN COLLEGE, DULIAJAN	DR. BHAGYALAKHI BARUAH	8638461141
16	PUB-KAMRUP COLLEGE, BAIHATA CHARIALI	DR. CHITRALEKHA TALUKDAR	9435406890
17	RANGIA COLLEGE, RANGIA	DR. MOUSUMI BHUYAN	8486220927
18	S.B.DEORAH COLLEGE, GUWAHATI	DR. BINITA BORGHAIN	8876408247
19	S.B.M.S. COLLEGE, SUALKUCHI	DR CHANDRAMA KALITA	9101658002
20	SIPAJHAR COLLEGE, SIPAJHAR	DR. NAYAN MANI DAS	8471829548
21	TANGLA COLLEGE, TANGLA	MR. ALIF AGAUDDIN	9854200443
22	TIHU COLLEGE, TIHU	DR. KULDEEP DEKA	9864345154
23	B.B.K. COLLEGE, NAGAON BARPETA	MR. HARUN AL RASHID	6001882443
24	DARRANG COLLEGE, TEZPUR	DR. SAIFUL ISLAM	9085983272

SYLLABUS OF PHYSICS OLYMPIAD FOR CLASS IX & X

CLASS	TOPIC
IX	MOTION
	FORCE AND LAWS OF MOTION
	WORK AND ENERGY
	GRAVITATION
	SOUND
X	LIGHT REFLECTION, REFRACTION, AND HUMAN EYE
	ELECTRICITY
	MAGNETIC EFFECTS OF ELECTRIC CURRENT

SYLLABUS OF PHYSICS OLYMPIAD FOR CLASS XI & XII

CLASS	TOPIC
XI	KINEMATICS
	FORCE AND LAWS OF MOTION, ROTATIONAL MOTION, ETC
	WORK, ENERGY, AND POWER
	GRAVITATION
	WAVES AND OSCILLATIONS
	HEAT AND THERMODYNAMICS
	MECHANICAL PROPERTIES OF SOLIDS AND LIQUIDS
XII	RAY OPTICS AND WAVE OPTICS
	ELECTROSTATICS
	CURRENT ELECTRICITY
	MAGNETIC EFFECTS OF ELECTRIC CURRENT