

OBJECTIVE

The objective of the **All Kerala Physics Talent Search Examination** is to:

- Identify and recognize talented Physics students
- Help them develop an awareness and confidence about where they stand compared to their peers
- Motivate and orient students towards research and career avenues in Physics by providing opportunities to interact with academicians and scientists
- Orient students towards right scientific attitude of learning Science, in particular Physics

INCENTIVES

- The first three toppers will be awarded cash prizes, books and mementos. Those selected for interview will be given merit certificates.
- The top scorers will be given opportunities to interact with eminent scientists and academicians which may provide immense exposure to career development
- The top three students will be given chance to do summer research fellowship at various prestigious institutes.

EXAMINATION PATTERN

The examination consists of three parts:

- Written Examination
- Interview
- Quiz

WRITTEN EXAMINATION

The written examination consists of two parts: **PART A** consists of 75 multiple choice questions. There will be NO negative

marking. Answers should be blackened using an HB pencil in the sheet provided along with the question paper. The question in this section will be based on plus two level Physics (90%) and Mathematics (10%). Time allotted: 100 minutes.

PART B will have 10 problem questions which are to be answered in separate sheets provided along with the question paper. No additional sheets will be provided. Time allotted: 60 minutes. Credit will be given for correct steps and formulae. 10 percent (or 100 toppers among the total candidates who appeared for the PART A, whichever is less) of the top scorers in PART A will be qualified for evaluation of their PART B answers.

INTERVIEW AND QUIZ

The top thirty students in the written examination will be called for interview and quiz programme at CUSAT, Kochi. The ranks will be decided based on the performances during these programmes. No TA/DA will be given for this programme.

ELIGIBILITY FOR PARTICIPATION

Any B.Sc. Physics student in the state of Kerala in his/her 1st, 2nd or 3rd year of study can participate.

REGISTRATION

Application forms for the Talent Search Examination is available with the regional co-ordinators. Application form in original or its

photocopy can be used. Filled-in application forms can be submitted to regional co-ordinators where the candidate intends to take the examination or to the state co-ordinator directly.

REGISTRATION FEE

Registration fee for the Talent Search Examination is Rs. 60/-. The fee has to be paid by way of online/core banking at

APT account No.: 10585371156
SBI Kottayam
IFSC Code: SBIN0001891

or as DD drawn in favour of “APT Kerala”, payable at Kottayam. For all students at each centre, only one DD is required. In addition to the registration fee, each candidate should pay Rs. 10/- to the regional/local coordinator to meet the local expenses for the conduction of examination in the respective centres.

Last Date for Submission of Application: 19th August 2015.

**Date and Time of Examination:
Saturday 19th September 2015
from 10.00 a.m. to 1.00 p.m.**

Application forms can also be downloaded from the website www.aptkerala.org.

The address of the state co-ordinator is:
Dr.Sudheesh P.
Department of Physics,
VTM NSS College, Dhanuvachapuram,
Thiruvananthapuram -695 503,
Mob: 9961848608
E-mail: sudheeshp9@gmail.com

Any further details can be had from:

- Dr. M. K. Jayaraj, (President, APT), Dept. of Physics, CUSAT, Kochi; 9447972704, mkj@cusat.ac.in
- Prof. Shaju K Y , (Secretary, APT) Dept. of Physics, Christ College, Irinjalakuda, 9446721949, shajuky@gmail.com

UNIVERSITY CO-ORDINATORS:

- Kannur : Dr.K.V.Devadhasan, M.G. College, Iritty, 9447372926
- Calicut : Prof.G.Harikrishnan, Govt. College, Madappally, 9447855840
- M.G : Dr.Ison Vanchipurackal, St.Thomas College, Pala, 9446126926.
- Kerala : Prof.Vipin Das,University College,Thiruvananthapuram, 9447034759.

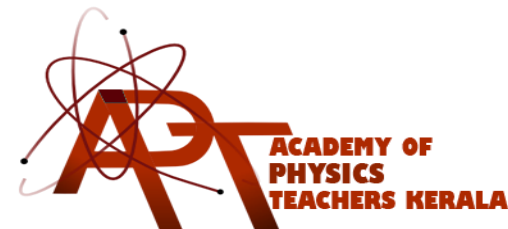
REGIONAL CO-ORDINATORS:

- Dr. Ajith Prasad, M. G. College, Thiruvananthapuram, 9447247997
- Dr.Ratheeshkumar V., MMNSS College,Kottiyam;9744868256
- Dr.Vijayakumar S. , NSS College, Pandalam, 9961322787
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- Sri. Syju Thomas, Devamatha college,Kuravilangad,
- Sri. Ganesh Chandra Prabhu, D B College, Talayolaparambu; 9495688207
- Dr. S. Sankararaman, Nirmala College, Muvattupuzha; 9447421844
- Prof. Shaju K Y, Christ College, Irinjalakuda, 9446721949

- Prof. Joy P. M., St. Thomas College, Thrissur, 9446143106
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- Sri. Hashim N K., WMO Arts and Science College, Muttill P. O., North Kalpetta, Wayanad 9447347681
- Sri. C. A. Safeeque, Sullamussalam Science College, Areacode, 9847619616
- Sri. Anas Swalih, Farook College, Feroke, 9747776591
- Dr. Sreekumar R, St. Joseph's College, Devagiri, Kozhikode, 9447077912
- Sri. Hamid M, Govt. College, Madappally, 9446889329
- Dr. K.V.Devadhasan, M. G. College, Iritty, 9447372926
- Prof. Ramesh Kumar R, Nehru Arts and science college, Kanhangad, 9446051355

APT conducts bimonthly Theoretical Physics Workshop exclusively for College Teachers. Mathematical Physics series completed and Classical Mechanics series is going on.

Articles for publishing in the APT journal APTunes are also invited. For publication details please visit the APT website or contact APT Secretary



**(A Professional Body of College and University Physics Teachers)
Reg. No. KTM 1051/99**

CONDUCTS

ALL KERALA PHYSICS TALENT SEARCH EXAMINATION 2015

For B Sc. (Physics) Students

**(Physics Core -
1st, 2nd or 3rd Year)**

ON

19th September 2015

**At Selected Centre's
All Over Kerala**