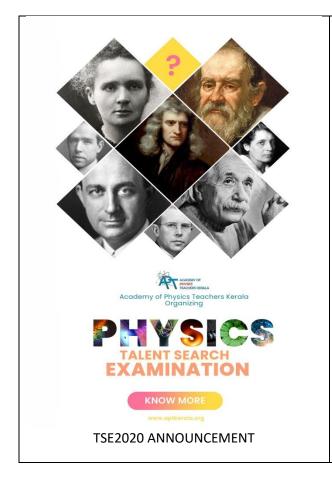


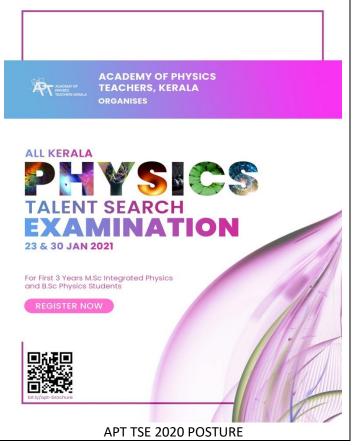
REPORT OF TALENT SEARCH EXAM 2020 ACADEMY OF PHYSICS TEACHERS- KERALA

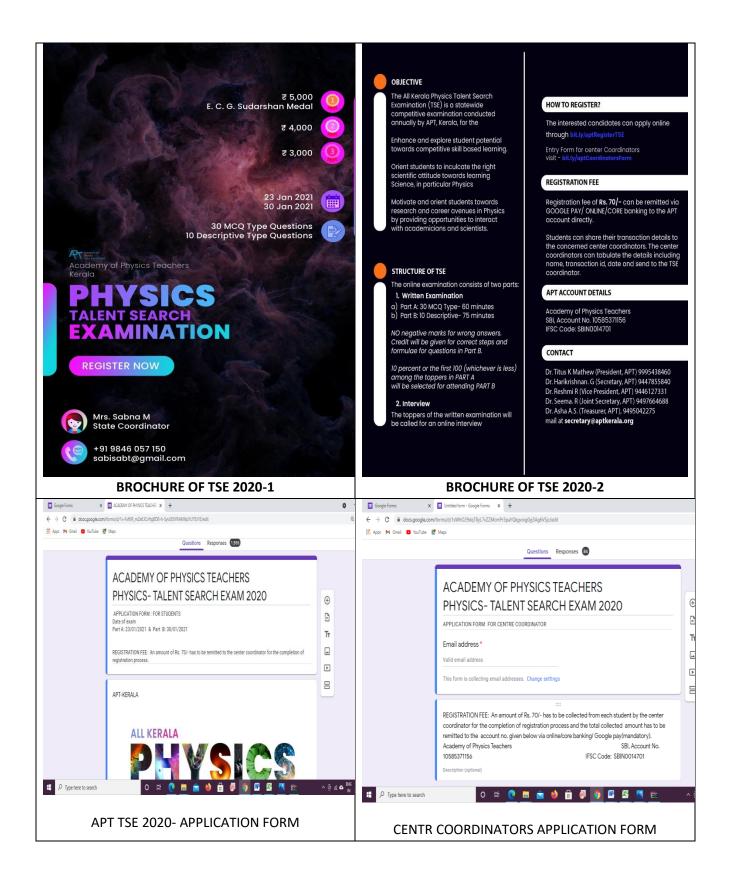
The All Kerala Physics Talent Search Examination (TSE) is a statewide competitive examination conducted annually by APT and any student of Kerala in his/her 1st, 2nd, or 3rd year graduation in B.Sc. Physics or in the first 3 years of integrated M.Sc. programmes can apply for the exam. Through the exam, APT aims at enhancing and exploring student potential towards competitive skill based learning. orienting students to inculcate the right scientific attitude towards learning science, in particular Physics and in Motivating students towards research and career avenues in Physics by providing opportunities to interact with academicians and scientists.

Structure of the exam:

Exam Details	Part A- MCQ	Part B- Descriptive	Interview
Total Score	60	100	50
No. of questions	30	10	Question and Answers: 20
			Conceptual clarity and depth: 20
			Research/Project aptitude : 10
Date	24/01/2021	07/02/2021	First and second week of march
Time alotted	60 minutes	75 minutes	15 minutes/student







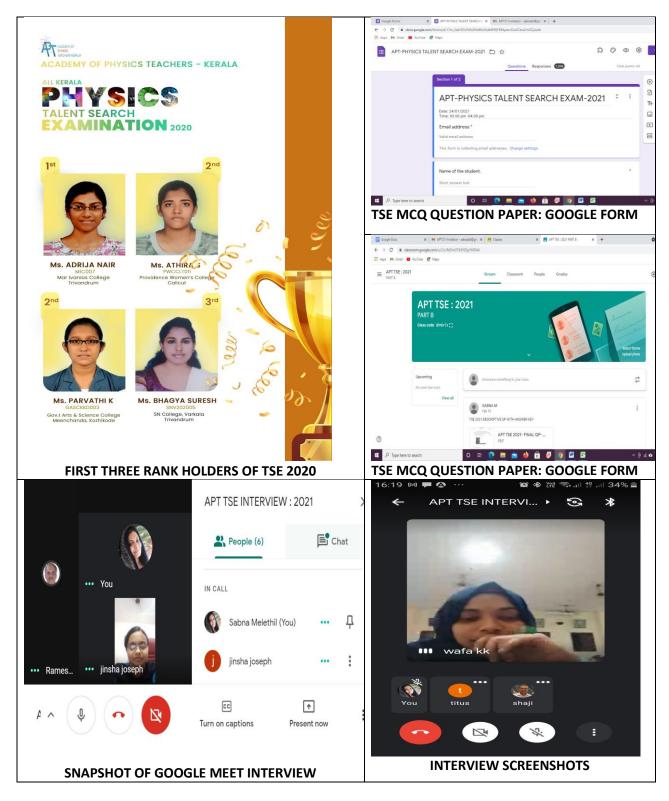
In the period of acute pandemic, the TSE-2020 was conducted in a three tier online mechanism. 1871 students registered from 81 centres all over Kerala. Part A –MCQ exam comprising of 30 questions (60 marks) was conducted through google forms on 24/01/2021 from 03.00 pm to 04.00 pm. 1596 students attended the exam and 112 students qualified Part A with a cut off of 34 marks. 100 students attempted the Part- B descriptive exam of 100 marks conducted on 07/02/2021 at 10.00 am via Google classroom. 63 students who secured total score of 70 and above (Part A + Part B) were shortlisted for interview. Online interview was convened through google meet with a maximum score of 50, with the brisk involvement of 4 boards and the panel of interviewers is listed below

SI.	Panel 1	Panel 2	Panel 3	Panel 4		
No.	03-05 March 2021	03-05 March 2021 08-12 March 2021		08-12 March 2021		
1.	Dr. Shaji. N, CUSAT	Dr. Ramesh Babu,	Dr. Harikrishnan. Govt.	Dr. Sinu Mathew, SB		
		CUSAT	College, Madappally	College, Kottayam		
2.	Dr. Charles, CUSAT	Dr. Titus Mathew,	Dr. Suneera T. P, Govt.	Dr. Sijo Sebastian, SB		
		CUSAT	College, Madappally	College, Kottayam		
3.	Dr. Asha, CUSAT	Dr. Sasidevan, CUSAT	Mr. Emmanual. Tom,	Dr. Prijil Mathew, SB		
			Nirmalagiri College, Kannur	College, Kottayam		
4.		Dr. Sabeena. M,				
		CUSAT				

Final rank list of APT- TSE 2021 was published on 18/03/2021 and the top scorers are listed below

SI.No.	Name of the student.	Name of the centre.	Final Score (210)	Rank
1.	ADRIJA NAIR	MAR IVANIOS COLLEGE, TRIVANDRUM	137	1
2.	ATHIRA S	PROVIDENCE WOMEN'S COLLEGE, CALICUT	133	2
3.	PARVATHI K	GOVT ARTS AND SCIENCE COLLEGE, CALICUT	133	2
4.	BHAGYA SURESH S	SN COLLEGE VARKALA, TRIVANDRUM	132	3
5.	AASHNA A ABDULKHADER	S V R NSS COLLEGE, VAZHOOR, KOTTAYAM	130	4
6.	HUDA THASNEEM AM	PROVIDENCE WOMEN'S COLLEGE, CALICUT	130	4
7.	ABHISHEK R NATH	SANATANA DHARMA COLLEGE, ALAPPUZHA	130	4
8.	GOWRI NANDHANA R S	GOVT. COLLEGE FOR WOMEN, TRIVANDRUM	128	5
9.	MEGHA S BABU	MAR IVANIOS COLLEGE. TRIVANDRUM	128	5
10.	KESAV MOHANDAS	CUSAT	126	6
11.	GOURI NANDANA R S	GOVT COLLEGE FOR WOMEN TRIVANDRUM	126	6
13.	RAM MANOHAR	MAHATMA GANDHI COLLEGE, KANNUR	125	7
14.	ANGITHA SAJEEVAN	GOVT COLLEGE MADAPPALY, CALICUT	125	7
15.	ABHIRAMI.S.RAGHU	ST .JOSEPH'S COLLEGE, CALICUT	124	8
16.	BALAKRISHNA PRABHU B N	CUSAT	121	9
17.	ANUSREE V P	NIRMALAGIRI COLLEGE , KANNUR	120	10
18.	ALEENA KABEER	MAR IVANIOS COLLEGE, TRIVANDRUM	120	10
19.	RAFEEK R	TKM COLLEGE OF ARTS AND SCIENCE, KOLLAM	119	11
20.	SARANYA N	GOVERNMENT VICTORIA COLLEGE, PALAKKAD	119	11
21.	JOHNLY JOSHY	NEWMAN COLLEGE, THODUPUZHA, IDUKKI	119	11
22.	C L SRIRAM	CUSAT	118	12
23.	AKHIL N	CUSAT	117	13
24.	THEERTHA K	MAR IVANIOS COLLEGE, TRIVANDRUM	117	13
25.	ABHINANDH SAGAR S D	NSS COLLEGE NILAMEL, KOLLAM	116	14
26.	JINSHA JOSEPH	ALPHONSA COLLEGE,PALA, KOTTAYAM	116	14
27.	AGNES JANET BIJU	ST JOSEPH COLLEGE DEVAGIRI, KOZHIKODE	116	14
28.	VAISAKH R	BASELIUS COLLEGE, KOTTAYAM	116	14
29	PRAVEENA V GOPAL	MAHATMA GANDHI COLLEGE. TRIVANDRUM	116	14
30	NANDANA G S	MAR IVANIOS COLLEGE, TRIVANDRUM	115	15
31	ELSA TEENA P.V	ST. XAVIER'S COLLEGE FOR WOMEN, ERANAKULAM	115	15
32	WAFA KK	MES PONNANI COLLEGE, MALAPPURAM	115	15

The first three toppers were awarded with cash prize of Rs. 16000 and physics books. Consolation prizes were given to those who bagged ranks up to 15.



Question papers were prepared by:

Sabna. M State Coordinator

TSE: 2020

Question papers were scrutinized by:

Dr. N. Shaji Emiretus Professor CUSAT

On behalf of Academy of Physics Teachers, I acknowledge the support and cooperation of Physics fraternity all over Kerala for the effective and efficient conduct of APT TSE 2020

Sabna. M State Coordinator APT TSE 2020