

**GOVERNMENT OF TRIPURA
DEPARTMENT OF SCHOOL EDUCATION
F.NO.24 (03) SE/SB (Science Branch)/2019**

Date: 31st January, 2020

MEMORANDUM

Subject: Launching of New Scheme "Tripura Science & Mathematics Talent Search Examination" for improving the Standards of Students in the subjects of Science and Mathematics to enhance their performance in the National Talent Search Examination (NTSE) and other Entrance Examinations after HS (+2) Examination.

In Tripura, number of students studying Science and Mathematics is fast depleting. In 2017, out of 32,223 students enrolled in 11th standard (as per Unified District Information System for Education -UDISE), only 3,690 and 3,114 students appeared / opted Science Stream and Mathematics at Higher Secondary (+2) Stage Board Examination in 2019, respectively.

Studying Science and Mathematics, inculcates a spirit of enquiry as well as generates capacity for problem solving and rational analysis of issues and also opens up variety of avenues for children. However, it has been experienced that the participation and performance in the National Talent Search Examination of students of the State seems to be far below the desired level, as evident from the data below:

Year	No. of students registered	Appeared	Qualified for stage I	Qualified in stage II	State quota for stage II
1	2	3	4	5	6
2016	1200	933	106	0	25
2017	1427	1218	103	0	25
2018	1110	917	177	5	50

2. In order to improve the standard of Science and Mathematics in the State and to harness the potential of students of Tripura, the Council of Ministers in its meeting held on 24th October, 2019 at 4:00 PM has decided the following:-

I)

A Science Branch will be established in the Directorate of Secondary Education, and for which, the deployment of manpower requirement is projected as below: -

A.	4 (Four) nos. resourceful teachers @ 2 (Two) each from Science and Mathematics streams, respectively.
B.	1 (One) no. of Tabulation Officer with a background of Science/Mathematics to head the branch
C.	2 (Two) nos. LDC having knowledge of Computers
D.	1(One) no. Office Superintendent
E.	1(One) no. Accountant, to assist in processing of files and procurement procedures.

The post of Deputy Director (Science and Science Examination) will be necessary along with 5(Five) posts of administrative staff. There is no need to create any post for teacher as existing posts of teachers with staff will be deputed/transferred in the Science Branch. They will be provided with laptops and internet connectivity.

II) A talent search examination will be held in the month of December every year for 9th standard students, separately for Mathematics and Science. Examination fee @Rs.50/- will be charged from each student of Government /Government Aided Schools and @ Rs. 100/- per student of private schools. No cut off marks in 8th grade required to appear in the Talent Search Examination. The financial implication in respect of collection of examination fee will be as below:

Sl. No.	Type of School management	No. of Students	Assuming 15% of students of col.3 appear in the exam	Amount of examination fee likely to be collected from students
1	2	3	4	5
1	State Govt.	65184	9778	Rs. 4,88,900/- @ Rs. 50/- per student
2	State Govt. Aided	3892	584	Rs. 29,200/- @ Rs. 50/- per student
3	Central Govt.	822	123	Rs. 6,150/- @ Rs. 50/- per student
4	Recognized unaided Private schools	5236	785	Rs. 78,500/- @ Rs. 100/- per student
Total enrolled students (estimate) in class IX		75,134	11,270	Rs. 6,02,750/-

III) Date of Examination

The State Talent Search Examination will be held in the month of December every year. Date of Examination will be announced /published in time by the Science Branch, Secondary Education Directorate.

IV) Eligibility

All students studying in class-IX in Government, Government aided and Privately-managed Schools will be eligible to appear at the State Talent Search Examination from the state of Tripura. There will be no cut off marks in Class-VIII for appearing in the examination.

V) How to apply

Students studying class-IX ought to be on the lookout for any advertisement in the newspaper or circular in the School by the School Education Department, Tripura for the above said examination and act as per the requirement given in the state advertisement / circular. Any other information, query about the details of the State Level Talent Search Examination may be had from the Science Branch, Directorate of Secondary Education, Shishu Bihar Complex, Agartala and also from the concerned District Education Officer and Inspector of schools. No cut-off marks in Class VIII will be required to appear in the State Talent Search Examination.

The filled in application by the students be submitted to office of the Science Branch online by the HMs of the Schools in time as advertised / circulated by the State Office.

VI) Fee

Examination fee @ Rs. 50 will be charged from each students of Government / Government aided School @ Rs.100 per student of privately managed school.

VII) Pattern of Examination both Science and Mathematics

- i. Examination will be taken through Multiple Choice Questions (MCQ) and evaluation process will be OMR sheet based.
- ii. An online portal will be developed for students to apply for the said examination to get their admit cards and to attempt mock papers etc.
- iii. 200 students each, for both the examinations of Science & Mathematics, as per merit list will be given a scholarship @ 500 p.m. for 15 months i.e. 3 months at Class IX and 12 months for Class X and in this regard obviously, only students continuing the education in 10th Class will be considered. Further, at least 60% of the Scholarship will be reserved for Government & Aided Schools. Thus there will be 2 (Two) merit lists.
- iv. Top 100 scorers will be honored by the highest dignitaries of the State in a function held on the birth anniversary of renowned scientist Sir J.C. Bose i.e. 30th November.
- v. Any Government school for which 5 or more students will get position in the top 200 ranks in both Science and Mathematics, would be honoured by the highest dignitaries of the State with a certificate, shawl and citation, for the Principal and relevant Science/Mathematics teachers, from 6th class onwards. The school would be provided an additional grant of Rs. One lakh only (Rs.1,00,000/-) to buy TLM, Science/Mathematics kits, books, software etc. related to Mathematics and Science, as per discretion and decision of a Committee of HM, Teachers and student representative (s). Procurement would be done by commensurate levels as per DFPRT. A guideline would be issued by School Education Department in this regard.
- vi. All HMs/Teacher In-charges in Government / Govt.-aided schools, will organize extra classes, in Mathematics and Science, for students who register for the examination, for a maximum of 4 hours in a week for the period of 8 weeks. The teacher would be chosen by the Head Teacher based on his/her teaching pedagogy and proven record amongst the qualified Government School teachers. HMs of Secondary and Higher Secondary Schools will first brief students about the Talent Search Examination. They will then organize a PTM (Parents Teachers Meeting) in presence of the students and



will register the written preference of choice of parents of regular Government teachers available in the locality for deployment of teachers. In this regard, detailed guideline will be issued by the Director of Secondary Education. At least one teacher will be deployed for every 15 students per class for each of the Science and Mathematics in TTAADC area where as in other area it will be for 20 students. In case the number of students is very less in their own school, the Inspector of Schools would organize joint classes with neighbouring school(s). Rates of payment for teacher deployment would be declared, every year, at the start of the year. Rates for the starting year will be @Rs.500/- per hour.

- vii. HMs will procure sufficient books for the special input classes, out of various heads under Samagra Shiksha like school grant, library grant, etc.
- viii. In any school where less than 10% of the children register for Mathematics/Science Talent Search Examination then the same would be reflected in the self appraisal of ACR by the HM for that year, along with explanatory reasons thereof.
In the HM(S)/TIC(S) ACR and in ACRs of all TGT (Mathematics) / (Science) who are deployed to take extra classes, the number of children who appeared in the exam, percentage of enrolment who appeared for the exam and average quality score obtained will be listed as one of the criteria for performance appraisal.
- ix. Science/Mathematics teacher of any Government or aided school will not act as invigilator in the Science / Mathematics Talent Search Examination.
- x. Every Inspector of school must ensure that at least 15% of the total strength of students from his area, must appear for the State Level Screening Test, Out of which at least 80% must necessarily be from Government Schools/Aided Schools.

VIII) Medium of Examination

Medium of State Talent Search Examination will be English and Bengali or as will be announced by the Department.

These guidelines are subject to time to time revision.



(U.K. Chakma)
Addl. Secretary
to the Govt. of Tripura

To

1. All District Education Officers
for information and necessary action.
2. All Inspectors of Schools
for information and necessary action.
3. All HMs of High & Higher Secondary Schools
for information and necessary action.

Copy to:-

The PS to the Secretary (School) Education Department for kind information of the Secretary.


(U.K. Chakma)
Addl. Secretary
to the Govt. of Tripura