



ABSTRACT

Science City - Three Schemes – Creating Innovators Hub, Summer Training Programmes in Basic Sciences for Post Graduate Students and Organizing Tamil Nadu Students Scientist Congress – State Innovation fund – Sanctioned – Regarding.

Higher Education (B2) Department

G.O. (Ms). No.54

Dated: 17.03.2020.

விகாரி வருடம், பங்குனி 04,
திருவள்ளூர் ஆண்டு 2051.

Read :-

1. From the Member Secretary, State Planning Commission, Chennai-5 Letter No.1600/PC/SPC/2019, dated 28.11.2019.
2. From the Vice Chairman, Science City, Chennai, letter No.1004/ SCICITY/TANII /SSO-1 & 2, dated 09.01.2020.

ORDER :

In the letter first read above, the Member Secretary, State Planning Commission has stated that the shelf of schemes recommended for the year 2019-20 by the State Planning Commission for implementation are as follows:-

Sl. No.	Name of the Scheme	Cost of the project			Total
		1 st Year	2 nd Year	3 rd Year	
(Rs. in lakhs)					
1.	Creating Innovators Hub in Schools	49.10	39.44	39.44	127.98
2.	Summer Training Programmes in Basic Sciences for Post Graduate Students	15.00	16.50	16.50	48.00
3.	Project proposal on organizing Tamil Nadu Students Scientist Congress	19.32	19.32	19.31	57.95
Total		83.42	75.26	75.25	233.93

He has requested to issue necessary sanction as per the guidelines and procedures prescribed in the G.O.(Ms).No.124, Planning, Development and Special Initiatives (SP.1) Department, dated 24.10.2014 and G.O.(Ms).No.153, Planning, Development and Special Initiatives (Sp.1) Department, dated 23.12.2014 duly obtaining detailed proposal from the Heads of Department in consultation with Finance Department and also requested a copy of the Government Orders issued to be marked to State Planning Commission.

2. In the letter second read above, the Vice Chairman, Science City has sent the following three proposals for issuing necessary orders:-

(I) PROJECT PROPOSAL ON CREATING INNOVATORS HUB IN SCHOOLS

(Total Project Outlay Rs.1,27,98,000/-)

a. Target Group:

200 Government schools including schools run by Local bodies and Government aided schools initially on pilot basis

b. Objectives:

1. To make young students understand the science around their home, school, village and other living environment.
2. To help the young students understand and learn the numerous science concepts and facts that have shaped modern world.
3. To lead the young students in the applications of science concepts.
4. To motivate the young students for developing questioning mind to get answer for mysteries of various expressions of human life.
5. To create a meaningful platform for the young students to exchange ideas.
6. To widen the scope and opportunities for the young students for innovation.
7. To achieve the lofty ideal of creating a Scientist.

c. Strategies

- Identifying the dedicated science teachers.
- Identifying the students who have genuine interest and passion for science.
- Organizing periodical interaction involving science teachers as mentors and students as learners.
- Familiarizing science concepts and facts.
- Organizing science tours and camps in the form of nature trails.
- Organizing Industrial visits.
- Assigning science projects to the students to implement the scientific concepts.
- Conducting do-it-yourself experiments.
- Shaping the students into innovators .

d. Expenditure:

It is proposed to establish Innovators Hub in 200 Schools across the State initially. Each school is given financial allocation of Rs.15,000/- per annum. One Technical Staff to be employed on a contractual basis .

with a consolidated pay of Rs.25,000/- (Rupees Twenty Five Thousand Only) per month. A monthly salary of Rs.15,000/- (Rupees Fifteen Thousand only) will be paid to the Data Operator cum Junior Assistant on a contractual basis with consolidated pay. Administrative Expenses such as TA, accommodation to staff and resource persons and Stationery will be Rs.12,80,000/-. Amount to be spent on computers and accessories will be Rs.1,50,000/- (Rupees One Lakh and Fifty Thousand Only) per annum. The total expenditure with regard to Innovation Hub is Rs.1,27,98,000/- (Rupees One Crore Twenty Seven Lakhs and Ninety Eight Thousand Only) for three years.

e. Budget Outlay

Name of the Scheme	Cost of the Project			
	1 st year	2 nd year	3 rd year	Total
(Rs. In Lakhs)				
Creating Innovators Hub in Schools	49.10	39.44	39.44	127.98

(Rupees One Crore twenty seven lakhs and ninety eight thousand only)

II. Project Proposal to organize Summer Training programmes in Basic Science for Post Graduate College Students

(Total Project Outlay Rs.48,00,000)

a. Target Group

The target group for this programme are students pursuing first year Post Graduate studies in science viz., Mathematics, Physics, Chemistry, Biology, Earth Science and Environmental Science, in colleges located within Tamil Nadu. Preference will be given to students studying in Government and Government aided colleges.

b. Number of students to be selected

30 students will be selected from various branches of science from colleges in Tamil Nadu of which 75% will be allocated to students studying in Colleges located in rural areas.

c. Objectives

1. To better equip the post graduate students in their respected branches of science by providing them with exposure to lecture by eminent scientists / academicians and advanced instrumentation.
2. To motivate the postgraduate students to pursue Ph.D., degree in their respective branches of basic science and also take up careers in science.

d. Duration of Programme

21 days (Twenty One days) during the summer vacation

e. Methodology

1. Communication will be sent to all science colleges offering post graduate course in Mathematics, Physics, Chemistry, Biology, Earth Science and Environmental Science by email and post.
2. 30 students will be selected for each branch of science.

f. Budget Outlay

Name of the Scheme	Cost of the Project			
	1 st year	2 nd year	3 rd year	Total
	(Rs. In Lakhs)			
Summer Training programmes in Basic Sciences for Post Graduate Students	15.00	16.50	16.50	48.00

III. PROJECT PROPOSAL ON ORGANIZING TAMIL NADU STUDENTS SCIENTIST CONGRESS

(Total Project Outlay Rs.57,96,000/-)

- This Tamil Nadu Students Scientist Congress will be a three days event. Accommodating all 200 Students Scientist from Innovators Hub will be a massive task. The Chief Educational Officer of the respective district shall assist suitably in the conduct of screening event at district level. The Five Students Scientist drawn from each district to be deputed along with their Mentor Teacher to participate in the said Tamil Nadu Students Scientist Congress. This means 160 to 175 students scientist are expected to take part in the aforesaid Congress to present their findings and innovations as stipulated.
- In the proposed Congress the best students scientist will be selected based on the innovation displayed for an award of Rs. 10,000/- Rs. 7,000/- and Rs. 5,000/- being first, second and third positions respectively. They will also be given certificates and citations. Rs. 3,000/- to be given as consolation prize for best ten innovations presented in the said congress.
- Similarly, it is duly planned to send the best students scientist to places of scientific significance so selected in all branches of science located not only in the country but other places across the globe as well. For example, NASA of United States may be one of the destined centers to be visited by the selected students in the respective branch and also other institutes to be visited at U.K., Switzerland, Japan, Norway and Singapore etc.

• Prize Money

The State Planning Commission had suggested to reduce the quantum of prize money payable to each prize winner which is duly accepted. However, it has been intended to increase the number of prize winners based on certain specialized categories such as students studying in rural schools, Tamil Medium schools and so on.

• Budget Outlay

Name of the Scheme	Cost of the Project			
	1 st year	2 nd year	3 rd year	Total
	(Rs. In Lakhs)			
Organizing Tamil Nadu Students Scientist Congress	19.32	19.32	19.31	57.95

3. The Vice Chairman, Science City has requested the Government to issue necessary orders at the earliest enabling to commence the following Project work:-

Name of the Scheme	Cost of the Project			
	1 st year	2 nd year	3 rd year	Total
	(Rs. In Lakhs)			
Creating Innovators Hub in Schools	49.10	39.44	39.44	127.98
Summer Training Programmes in Basic Sciences for Post Graduate Students	15.00	16.50	16.50	48.00
Organising Tamil Nadu Students Scientist Congress	19.32	19.32	19.31	57.95
Total	83.42	75.26	75.25	233.93

4. The Government after careful examination, accord sanction for a sum of Rs.83.42 lakh (Rupees Eighty three lakh and forty two thousand only) towards Creating Innovators Hub in Schools (Rs.49.10 lakh), Summer Training Programmes in Basic Sciences for Post Graduate Students (Rs.15.00 lakh) and Organising Tamil Nadu Students Scientist Congress (Rs.19.32 lakh) respectively to the Science City for the year 2019-20 (First year).

5. The expenditure sanctioned in para 4 above shall be debited under the following Head of Account:-

1)	Rs.49.10 lakh 3425 – OTHER SCIENTIFIC RESEARCH – 60 Others – 200 – Assistance to other Scientific Bodies – State's Expenditure – AH – Creating Innovators Hub in Schools – Scheme under State Innovation Fund – 309. Grants in Aid - 03 Grants for Specific Schemes (Old DPC 3425 – 60 -200 – AH – 0930) (IFHRMS D.P.C. 3425 - 60 – 200 - AH - 30903)
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II)	<p><u>Rs.15.00 lakh</u> 3425 – OTHER SCIENTIFIC RESEARCH – 60 Others – 200 – Assistance to other Scientific Bodies – State's Expenditure – AI – Summer Training Programmes in Basic Sciences for Post Graduate Students – Scheme under State Innovation Fund – 309. Grants in Aid - 03 Grants for Specific Schemes</p> <p>(Old DPC 3425 – 60 -200 – AI – 0938) (IFHRMS D.P.C. 3425 – 60 - 200 - AI - 30903)</p>
III)	<p><u>Rs.19.32 lakh</u> 3425 – OTHER SCIENTIFIC RESEARCH – 60 Others – 200 – Assistance to other Scientific Bodies – State's Expenditure – AJ – Organizing Tamil Nadu Students Scientist Congress – Scheme under State Innovation Fund - 309. Grants for Specific Schemes.</p> <p>(Old DPC 3425 – 60 -200 – AJ – 0936) (IFHRMS D.P.C. 3425 – 60 - 200 - AJ - 30903)</p>

6. The above expenditure shall be met from the State Innovation Fund by deducting under the following Head of Account:-

<p>3425 – OTHER SCIENTIFIC RESEARCH – 60 Others – 902. Deduct – Amount met from State Innovation Fund – State's Expenditure – AA Deduct – Amount met from State Innovation Fund – 330. Inter – Account Transfers 01 – inter Account Transfers</p> <p>(Old DPC 3425 – 60 – 902 – AA – 3004) (IFHRMS D.P.C. 3425 - 60 –902 - AA - 330 01)</p>
<p>And contra debiting J Reserve Fund (b) Reserve Funds not bearing interest – 8229 00 Development and Welfare Funds – 200 Other Development and Welfare Funds – BE State Innovation Fund – 802 Outgo – 02 Not Bearing Interest</p> <p>(Old DPC 8229 – 00 – 200 – BE - 0006) outgo (IFHRMS D.P.C.8229 – 00 – 200 – BE - 80202) outgo</p>

7. The Director of Technical Education is directed to draw the amount sanctioned in para 4 above from the provisions made in R.E. 2019-20 and to disburse to the Member Secretary, Tamil Nadu State Council for Science and Technology, Chennai-25.

8. This order issues with the concurrence of the Finance Department vide it's U.O.No.10130 /Edn-I/2020, dated 13.03.2020.

(BY ORDER OF THE GOVERNOR)

APOORVA
PRINCIPAL SECRETARY TO GOVERNMENT

To
The Vice Chairman, Science City, Chennai – 25.
The Director of Technical Education, Chennai-25.

The Member Secretary, State Planning Commission, Chepauk, Chennai-5.
The Chief Internal Auditor and Chief Auditor of Statutory Bodies, Chennai-2.
The Director of Local Fund Audit, Chennai-108.
The Accountant General, Chennai-18.
The Pay and Accounts Officer (South), Chennai-35.

Copy to:

The PA. to Principal Secretary to Government, Higher Education Department,
Chennai-9.
The Finance (Education-I) Department, Chennai-9.
Sf/Sc.

//Forwarded by order//

(Signature)
17.3.2020
Section Officer.

(Handwritten)
17/3/2020