



श्री चित्रा तिरुनाल आयुर्विज्ञान और प्रौद्योगिकी संस्थान, त्रिवेन्द्रम  
SREE CHITRA TIRUNAL INSTITUTE FOR MEDICAL SCIENCES AND TECHNOLOGY, TRIVANDRUM  
THIRUVANANTHAPURAM - 695 011, KERALA, INDIA  
(एक राष्ट्रीय महत्त्व का संस्थान, विज्ञान और प्रौद्योगिकी विभाग, भारत सरकार)  
(An Institution of National Importance, Department of Science and Technology, Government of India)  
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SCTIMST/DST/2025

22.01.2025

Dr. Dhrubajyoti Mandal  
Scientist C  
Autonomous Institution Division  
Department of Science & Technology  
Ministry of Science and Technology  
Technology Bhawan, New Mehrauli Road  
New Delhi – 110 016.

Sub: Rajyasabha Questionnaire Part-II pertaining to the DST - reg.

Ref: Email dated 16.01.2025 from Dr. Dhrubajyoti Mandal on the above subject.

Dear Dr. Dhrubajyoti Mandal,

With reference to the email received from Department of Science & Technology, the information sought from the Institute on the Rajyasabha Questionnaire Part-II Inputs is submitted herewith for perusal.

Thanking you

Yours sincerely,



**Inputs for Rajyasabha Questionnaire Part-II pertaining to the DST**

Sr. No.	Question	Input of the AI/AB																				
1.	What has been the outcome with respect to patents filed, papers published and their impact factor, budget allotted and utilized, during the last 3 years including 2024-25?	Details given in Annexure I																				
2.	How the institute plans to address global challenges through its upcoming programmes (e.g., climate change, sustainable energy, healthcare)? In what ways does the institute plans to promote India's leadership in cutting-edge fields like AI, quantum computing, and space exploration in its future programmes?	The global challenges in healthcare is addressed by the Institute through its various programs /projects on medical device development in terms of cardiovascular devices, neuroprosthetic devices, Hard tissue devices, In Vitro Diagnostic Devices, Biological products, rehabilitation devices etc. Technology Transfer of the developed technologies are done and commercialization of the same is done hand holding with the industry to make it available to the patient population. Technical Research Centre programme funded by DST and Centre of Excellence programs for Minimally Invasive Cardiovascular Devices are ongoing. Many products are also identified and sponsored by industry for collaborative development. Initiatives are also being made to develop products based on Virtual Reality in areas of surgical planning and rehabilitation.																				
3.	Kindly provide the category-wise details of sanctioned strength, in-position strength and vacancies in the institute along with PSUs/ CPSEs/ Autonomous Bodies under the Department. When was the last recruitment exercise conducted?	<table border="1"> <thead> <tr> <th></th> <th>Scientific</th> <th>Technical (Nurses/ Paramedical/ Others)</th> <th>Administrative</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td><b>Sanctioned Strength</b></td> <td>165</td> <td>952</td> <td>115</td> <td><b>1232</b></td> </tr> <tr> <td><b>In-position Strength</b></td> <td>140</td> <td>722</td> <td>87</td> <td><b>949</b></td> </tr> <tr> <td><b>Vacancies</b></td> <td>25</td> <td>230</td> <td>28</td> <td><b>283</b></td> </tr> </tbody> </table>		Scientific	Technical (Nurses/ Paramedical/ Others)	Administrative	Total	<b>Sanctioned Strength</b>	165	952	115	<b>1232</b>	<b>In-position Strength</b>	140	722	87	<b>949</b>	<b>Vacancies</b>	25	230	28	<b>283</b>
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4.	Date of Last Recruitment Exercise Conducted	Notification was published on 15.03.2024 and the recruitment is under process.																				
5.	What is the impact of manpower shortage, if any, on the functioning of the institute? How the institute is planning to overcome this issue.	As per DST's Letter No. AI/1/14/SCTIMST/2024 (E-48968) dated 27.05.2024, Institute is continuing need based outsourcing of contractual staff through GeM.																				



Annexure-I

Outcome with respect to patents filed, papers published and their impact factor, budget allotted and utilized, during the last 3 years including 2024-25

Sl. No.	Title	2021-22	2022-23	2023-24
<b>A</b>	<b><u>Patents</u></b>			
	No: of Indian Patents Granted	18	32	53
	No: of Foreign Patents Granted	1	2	2
	No: of Indian patents Filed	16	25	29
	No: of Foreign Patents Filed	9	1	0
<b>B</b>	<b>Number of research publications</b>	318	276	268
	<b>Impact Factor</b>	4.15	4.732	4.621
<b>C</b>	<b>Budget allotted (Grant sanctioned by DST)</b>	335.01 Crores	335.00 Crores	342.50 Crores
<b>D</b>	<b>Grant-in-aid utilized</b>	335.01 Crores	262.57 Crores	336.27 Crores

