



## ABSTRACT

Higher Education – Establishment of Centres for Multimodal Material Production for Differently Aabled in the Universities under the aegis of Higher Education Department to help students in and around the Universities Territorial areas – orders – issued.

### HIGHER EDUCATION (K2) DEPARTMENT

G.O.Ms.No.72

Dated 21.5.2012.

வைகாசி 8

Thiruvalluvar Aandu-2043

Read:-

Announcement made in the Demand No.20, Higher Education Department 2012 - 2013.

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### ORDER:-

In the Budget Demand No.20, Higher Education Department. the Minister for Higher Education among other announcements made the following announcement in the floor of Assembly.

“மாற்றுத் திறனாளிகளின் கல்வி மற்றும் பொருளாதார வளர்ச்சியில் இந்த அரசு சிறப்பு கவனம் செலுத்தி வருகிறது. அதனடிப்படையில் மாற்றுத் திறனாளிகளுக்கான கல்வி கற்பிக்கும் முறைகளை மேம்படுத்தும் வகையில் பல்கலைக்கழகங்களில் மாற்றுத் திறனாளிகளுக்கான பல்வடிவ கருவிகள் தயாரிக்கும் மையங்கள் உருவாக்கப்படும். இம்மையங்களில் கணினி, ஒளி-ஒலி மற்றும் நவீன மின் ஒலிக் கருவிகளைப் பயன்படுத்தி கல்வி பயிலும் வாய்ப்பை மாற்றுத் திறனாளிகள் (பார்வையற்றோர், செவி மற்றும் பேசும் திறன் குறைந்தவர்கள்) பயன்பெறும் வகையில் உருவாக்கப்படும்”.

2. The mission is to provide Multimodal material for the differently abled which combines various modes in which the materials available today beyond the traditional methods like books and displays. A well-designed multimodal material can be used by people with a wide variety of impairments. Visually impaired users rely on the voice modality with some keypad input. Hearing-impaired users rely on the visual modality with some speech input. The paradigm in the dissemination of special education to the children with special needs from special schools, special classes and residential institutions to regular schools along with other group of children is stemmed out by the constitutional concept of equalisation of opportunities

for individual with disabilities. It is a concept which faces the diversity in children within the classroom. The successful inclusion warrants effective assistive and adaptive materials which in turn helps them to be self reliant and independent and it is need of an hour to prepare such materials for differently abled.

3. The Government after careful consideration accord sanction to establish Centre for Multimodal Material Production for Differently Abled in 10 universities mentioned in the Annexure I to this order at an expenditure of Rs.50.00 lakhs (Rupees fifty lakhs only) each centre.

4. The Government direct that the expenditure on the above centre be met by the University concerned out of its own sources without seeking grant from the Government.

5. The Government also direct that the norms and cost estimates shown in the Annexure II to this order should be followed scrupulously while establishing the Centre for Multimodal Material Production for the Differently Abled as mentioned above.

6. The Government further direct that

- (i) no new posts be created and
- (ii) the web portal and other facilities created in some other schemes be utilized so as to avoid duplication of expenditure.

(BY ORDER OF THE GOVERNOR)

T.S. SRIDHAR,  
Additional Chief Secretary to Government.

To

The Registrars of University concerned.

The Accountant General, Chennai-18.

The Pay and Accounts Officer, Chennai – 35.

The Treasury Officer / Sub – Treasury Officer concerned.

The Spl. P.A. to Minister Higher Education, Secretariat, Chennai – 9.

The P.S. to Additional Chief Secretary, Higher Education Department, Secretariat,  
Chennai - 9.

Copy to

The Finance (Edn. I) Department, Chennai – 9

The SF/SC.

//Forwarded/by Order//

Section Officer

**ANNEXURE I TO G.O.Ms.No.72 Higher Education (K2) Department, dated  
21.5.2012**

Sl.No.	Name of the University
1.	University of Madras, Chennai
2.	Alagappa University, Karaikudi
3.	Thiruvalluvar University, Vellore
4.	Periyar University, Salem
5.	Mother Teresa Womens University, Kodaikanal
6.	Bharathiar University, Coimbatore
7.	Bharathidasan University, Tiruchirappalli
8.	Madurai Kamaraj University, Madurai
9.	Manonmaniam Sundaranar University, Tirunelveli
10.	Tamil Nadu Open University, Chennai

Dr. T.S. Sridhar,  
Additional Chief Secretary to Government.

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Section Officer

**ANNEXURE II to G.O.Ms.No.72, Higher Education (K2) Department, dated  
21.5.2012.**

**Norms and Cost Estimate for Multimodal Material Production for Differently  
Abled.**

- This centre should produce Braille books with or without tactile graphics in various topics or subjects in English as well as Tamil languages as required by the students. This centre should be equipped with high speed heavy duty Braille Printer (Embossing) for high speed production and with PCs for creating a data bank to feed the equipment.
- This centre should also be equipped with a recording provision for creating human voice recordings of books in Tamil, English, and other Indian Languages.
- There should also be a large print book production unit which facilitates the students with low vision.
- A tactile material which is highly helpful for the totally blind students should also be produced to get the clear concept of what is given in pictorial form in their text books.
- Orthotics and Prosthetics devices for Mobility impaired students should also be planned to be produced.
- Closed Caption Videos should be developed which can serve the hearing impaired students.
- Multimedia based computer assisted package for children with learning disabilities will also be developed which can help the students with learning disability.

The centre will help and serve the differently abled students in and around the Sivagangai districts.

It gives an opportunity to the teachers to get different kinds of CDs and learning materials to teach differently abled.

It serves all kinds of differently abled in a society for an inclusive development.

Talking/Digital library will help the visually impaired to read all kinds of books.

Tactile materials help the visually impaired students to get tactile perception and help them to understand the abstract concepts in a clearer manner.

A. Non Recurring Expense

S.No	Items	Amount in lakhs
1	Braille Production Unit Equipment (Braille Embosser, Computers with Jaws Software and Braille Sheets)	5.00
2.	Large Print Book Production	3.00
3.	Digital/Talking Book Production Unit Recording Devices	4.00
4.	Tactile Materials Production Equipment	3.00
5.	Materials (Orthotics & Prosthetics) for mobility impaired	15.00
6.	Multimedia Packages/CDs for Learning Disabilities	3.00
7.	Closed Caption Video Production for Hearing Impaired	3.00
	Total	36.00

B. Recurring Expenses

S.No	Item	Amount in lakhs
1.	Working Expenses	5.00
2.	Hiring Services	6.00
3.	Consumables	3.00
	Total	14.00

Total : 36.00 lakhs +14.00 lakhs = Rs. 50.00 lakhs

Dr. T.S. Sridhar,  
Additional Chief Secretary to Government.

//True Copy//

Section Officer