



# National Institute of Technical Teachers Training and Research

Ministry of Education, Government of India, Taramani, Chennai - 600 113.

राष्ट्रीय तकनीकी शिक्षक प्रशिक्षण एवं अनुसंधान संस्थान  
शिक्षा मंत्रालय, भारत सरकार, तरमणी, चेन्नई - ६०० ११३.

**Prof. USHA NATESAN Ph.D., D.Litt.**

**प्रो. उषा नटेसन फैज़.डी., डी.लिट.**

**DIRECTOR / निदेशक**

Ref:NITTRC/LSSQ-1324/2023-24

Date: 08.12.2023

To  
The Section Officer  
Technical Section – IV  
Ministry of Education,  
Department of Higher Education  
Room No. 430, C-Wing,  
Shastry Bhawan, New Delhi 110 001.

Dear Sir,

Sub: Lok Sabha Starred Question No.1324 for 11.12.2023

Ref: Email from Ministry dated 07.12.2023

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Please attached herewith the reply for the Lok Sabha Starred Question No.1324 for 11.12.2023 in the enclosed Annexure.

Yours Sincerely,

*Umapathy* 8/12/23  
Director  
*8/12/23* *DR*

**Annexure**

**Lok Sabha starred question No 1324 for 11.12.2023**

| <b>Question</b>   | <b>Reply i.r.o 04 NITTTRs</b>  |
|---|--|
| a. the action taken by the Government to fill 27693 vacancies as of July, 2023  | <p>As far as NITTTR Chennai is concerned, out of total 28 vacant faculty posts, 11 posts were filled and out of 93 vacant non-teaching posts, 39 posts were recruited under vigorous mission mode recruitment by Government of India.</p> <p>The review of the progress made by NITTTR Chennai was made monthly and instructed to expedite the recruitment process so as to ensure that the targets are met.</p> <p>A senior-level meeting was also conducted to achieve the targets under MISSION MODE RECRUITMENT.</p> |
| b. The specific job creation plans of the Government related to utilizing the 255.5 million dollar loan approved by the World Bank to enhance technical education in India? | NA   |



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**Prof. USHA NATESAN Ph.D., D.Litt.**

**प्रो. उषा नटेसन फैएच.डी., डी.लिट.**

**DIRECTOR / निदेशक**

Ref:NITTR/LSSQ-122/Assured/2023-24

Date: 14.12.2023

To  
The Section Officer  
Technical Section – IV  
Ministry of Education,  
Department of Higher Education  
Room No. 430, C-Wing,  
Shastri Bhawan, New Delhi 110 001.

Dear Sir,

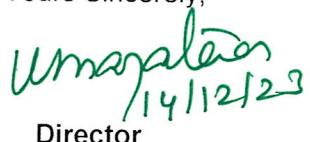
Sub: Lok Sabha Starred Question No.122 (Assured) – reg.  
Ref: Ministry's Message dt. 13.12.2023

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Please find below the details for the Lok Sabha Starred Question No.122 (Assured) regarding filling up of vacancies for Persons with Disabilities (PwDs) under Special Recruitment Drive

| Name of the Institute | Vacancy Reported  |    |                               | Vacancy filled up | Action being taken to fill up vacancies  | Action yet to be taken to fill up vacancies                             |
|-----------------------|---|----|-------------------------------|-------------------|--|---|
| NITTR Chennai         | 03 posts  |    |                               | Nil               | Advertised on 17.06.2023 (Advt.01/2023-24) – Only 5 applications were received.<br><br>Hence Re-advertised on 23.09.2023 (Advt.07/2023-24) last date: 25.10.2023 | Only few applications were received – to be re-advertised again shortly |
|                       | Technical Assistant Gr. II (Jr. Electronics Technician) | 01 | Visual Impairment             |                   |  |   |
|                       | Technical Assistant Gr. II (Graphic Assistant)          | 01 | Loco motor (Ortho) Disability |                   |  |   |
|                       | Junior Secretariat Assistant (Hindi Typist)             | 01 | Hearing Impairment            |                   |  |   |

Yours Sincerely,

  
14/12/23

Director

  
14/12/23

📞 +91)-(44) 22545405 / 2334

✉ director@nitttrc.ac.in

🌐 www.nitttrc.ac.in

Extension Centres : Bengaluru, Hyderabad, Kalamassery, Vijayawada



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**राष्ट्रीय तकनीकी शिक्षक प्रशिक्षण एवं अनुसंधान संस्थान**  
शिक्षा मंत्रालय, भारत सरकार, तरमणी, चेन्नई - ६०० ११३.

**Prof. USHA NATESAN Ph.D., D.Litt.**

**प्रो. उषा नटेसन फै.डॉ., डी.लिट.**

**DIRECTOR / निदेशक**

Ref: NITTRC/LSUQ-638/2023-24

Date: 19.07.2023

To

Section Officer (Technical Section – IV),  
(Department of Higher Education),  
Ministry of Education, Room No. 430, C-Wing,  
Shastri Bhawan, New Delhi - 110 001.

Dear Sir,

Sub: Lok Sabha LSUQ No. 638 for 24.07.2023 regarding Vacant Posts under

Mission Mode Drive – reg.

Ref: Email dt. 18.07.2023

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With reference to the email cited above, please find below the details for Lok Sabha LSUQ No. 638 for 24.07.2023 regarding Vacant Posts under Mission Mode Drive asked by Shri Kripanath Mallah:

| Point No. | Question   | Comments  |
|-----------|--|---|
| (a)       | whether the Government proposes to fill up of all the vacant positions under Mission Mode drive across the country including Assam;  | Yes   |
| (b)       | if so, the details thereof;  | On the clarion call of the Hon'ble Prime Minister, the Government has launched mission mode recruitment drive since October, 2022. The same is being monitored at the higher level and for this purpose, it was instructed by the Ministry to fill up all the vacant positions during this mission mode drive. All efforts are being made to fill the vacant positions adhering to strictest quality parameters and transparency in procedures. As per the Ministry's instruction, the timeline for filling up the vacant posts for the non-faculty positions within the period of mission mode drive is upto September 2023. |
| (c)       | whether the Government is aware that a large number of REC Employees under various institutions are working under the Muster Roll Scheme for quite a long time with a very low salary; |   |
| (d)       | whether the Government is also aware that there is an urgent need for their permanent absorption under the Mission Mode drive so that their jobs may be secured permanently;           | Does not applicable to this Institute   |
| (e)       | whether the Government is proposing to consider them under Mission Mode drive; and   |   |
| (f)       | if so, the details thereof and if not, the reasons therefor?   |   |

Yours faithfully,

*Usha Natesan*  
19/7/23  
Director

Call +91)-(44) 22545405 / 2334

Email director@nitttrc.ac.in

Website www.nitttrc.ac.in

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शिक्षा मंत्रालय, भारत सरकार, तरमणी, चेन्नई - 600 113.

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**प्रो. उषा नटेसन फैड.डी., डी.लिट.**

**DIRECTOR / निदेशक**

To

The Section Officer  
Technical Section – IV  
Ministry of Education,  
Department of Higher Education  
Room No. 430, C-Wing,  
Shastri Bhawan, New Delhi 110 001.

Ref:NITTR/LSUQ-1995/2023-24

Date: 14.12.2023

Dear Sir,

Sub: Lok Sabha Unstarred Question No.1995 for 20.12.2023

Ref: Email from Ministry dated 14.12.2023

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Please find below the details for the Lok Sabha Unstarred Question No.1995 regarding spending on Teacher Training for 20.12.2023 asked by Shri S. Niranjan Reddy.

|     |  |
|-----|--|
| (a) | <p>the steps taken by Government to improve teachers training and education;</p> <ul style="list-style-type: none"><li>• The Government of India has undertaken commendable initiatives to enhance the capabilities of teachers through well-structured upskilling programs. Some notable measures include the establishment of four NITTRs as exclusive teacher training hubs. Additionally, the UGC, Academic Staff College, and AICTE – ATAL programs also emphasize teacher education.</li><li>• The introduction of initiatives such as PMMMNMTT (Pandit Madhan Mohan Malaviya National Mission on Teacher Teaching) and the launch of the NITTR (National Initiative of Technical Teachers Training) program reflect the government's commitment to improving teacher training. The SWAYAM platform, with a specific focus on NC – NITTR, further underscores the emphasis on teacher education.</li><li>• Under the PMMMNMTT, the ARPIT program has been initiated. Notably, NITTR Chennai has extended its training to teachers from NITs, IIITs, various universities, colleges, and even medical professionals, including 100 doctors from Safdarjung Hospital (VMMC) and 120 dental doctors from Maharashtra.</li></ul> |
|-----|--|

|              |  | <ul style="list-style-type: none"> <li>Moreover, the Ministry, in collaboration with NITTTR Chennai, has expanded its reach by training ITEC teachers through DPA, ITEC, MEA. The training has benefitted teachers from Bangladesh (240), approximately 400 teachers from other countries, and a specialized program for plantation garden teachers in Sri Lanka (100).</li> </ul>   |      |       |         |                  |         |                |         |                |         |                  |         |                  |              |                         |
|--------------|--|--|------|-------|---------|------------------|---------|----------------|---------|----------------|---------|------------------|---------|------------------|--------------|-------------------------|
| (b)          | the funds spent on teachers training and education by Government in the last five years;             | <p><b><i>The fund spent on teachers training and education for last five years</i></b></p> <table border="1"> <thead> <tr> <th>F.Y.</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>2022-23</td> <td>₹ 1,53,77,199.00</td> </tr> <tr> <td>2021-22</td> <td>₹ 45,26,023.00</td> </tr> <tr> <td>2020-21</td> <td>₹ 37,39,708.00</td> </tr> <tr> <td>2019-20</td> <td>₹ 1,52,59,463.00</td> </tr> <tr> <td>2018-19</td> <td>₹ 1,36,04,810.00</td> </tr> <tr> <td><b>Total</b></td> <td><b>₹ 5,25,07,203.00</b></td> </tr> </tbody> </table>   | F.Y. | Total | 2022-23 | ₹ 1,53,77,199.00 | 2021-22 | ₹ 45,26,023.00 | 2020-21 | ₹ 37,39,708.00 | 2019-20 | ₹ 1,52,59,463.00 | 2018-19 | ₹ 1,36,04,810.00 | <b>Total</b> | <b>₹ 5,25,07,203.00</b> |
| F.Y.         | Total  |  |      |       |         |                  |         |                |         |                |         |                  |         |                  |              |                         |
| 2022-23      | ₹ 1,53,77,199.00   |  |      |       |         |                  |         |                |         |                |         |                  |         |                  |              |                         |
| 2021-22      | ₹ 45,26,023.00   |  |      |       |         |                  |         |                |         |                |         |                  |         |                  |              |                         |
| 2020-21      | ₹ 37,39,708.00   |  |      |       |         |                  |         |                |         |                |         |                  |         |                  |              |                         |
| 2019-20      | ₹ 1,52,59,463.00   |  |      |       |         |                  |         |                |         |                |         |                  |         |                  |              |                         |
| 2018-19      | ₹ 1,36,04,810.00   |  |      |       |         |                  |         |                |         |                |         |                  |         |                  |              |                         |
| <b>Total</b> | <b>₹ 5,25,07,203.00</b>  |  |      |       |         |                  |         |                |         |                |         |                  |         |                  |              |                         |
| (c)          | whether Government is using AI to improve the quality and quantity of training imparted to teachers; | On another front, NITTTR Chennai is actively empowering the technical teacher community through specialized programs in artificial intelligence. Two distinct programs are offered: (a) empowering teachers with the intricacies of AI and its application in the educational ecosystem, and (b) training teachers in the practical aspects of applying AI to teaching. An exclusive SWAYAM module on AI in Teaching has been introduced, and a lecture series, starting on Teachers' Day, focuses on AI in education, encompassing tools such as ChatGPT to enhance the teaching-learning experience. |      |       |         |                  |         |                |         |                |         |                  |         |                  |              |                         |
| (d)          | If so, the details thereof; and  |  |      |       |         |                  |         |                |         |                |         |                  |         |                  |              |                         |
| (e)          | If not, the reasons therefor?  | --   |      |       |         |                  |         |                |         |                |         |                  |         |                  |              |                         |

Yours Sincerely,

*Unnati Patel*  
15/12/23

Director

*AP*  
15/12

Encl.: a/a



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शिक्षा मंत्रालय, भारत सरकार, तरमणी, चेन्नई - 600 113.

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**प्रो. उषा नटेसन फैड.डी., डी.लिट.**

**DIRECTOR / निदेशक**

To

The Section Officer  
Technical Section – IV  
Ministry of Education,  
Department of Higher Education  
Room No. 430, C-Wing,  
Shastri Bhawan, New Delhi 110 001.

Ref:NITTR/LSUQ-2334/2023-24

Date: 14.12.2023

Dear Sir,

Sub: Lok Sabha Unstarred Question No.2334 for 18.12.2023

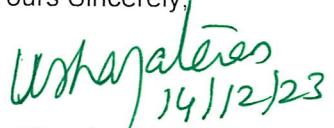
Ref: Email from Ministry dated 12.12.2023

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Please find below the details for the Lok Sabha Unstarred Question No.2334 for 18.12.2023 asked by Shri C. Lalrosanga.

|     |  |  |
|-----|--|--|
| (a) | Whether it is true that the Government has started Massive Open Online Courses (MOOC) in SWAYAM Platforms which are taught by subject experts, if so, the details of duration of the courses;    | The SWAYAM courses are developed by the subject matter expert. The selection is purely on the competency based on the proposal submitted by the faculty.                         |
| (b) | The total number of MOOC courses developed till now and total registered students and the number of MOOC courses developed / originated from different Educational Institutes of North East; and | Enclosed in Annexure   |
| (c) | Whether it is true that in many cases, the exams of MOOC's are delayed and if so, the reasons thereof and the steps taken by the Government to encourage MOOC's in North East?                   | The examination dates are fixed and conducted during the scheduled period. However the disruption started during the pandemic, but now it is restored and it is as per schedule. |

Yours Sincerely,

  
14/12/223

Director



## Annexure

The list of courses offered by NITTTR Chennai

| Sl.No | Course Title   | Course Hours | Course Co-ordinator                   | Semester | Enrolled |
|-------|--|--------------|---------------------------------------|----------|----------|
| 1     | Accreditation for Diploma Engineering Programme                  | 40           | Prof. B. L. Gupta                     | Jul-18   | 956      |
| 2     | Fundamental of Outcome Based Curriculum in Engineering Education | 20           | Prof. Joshua Earnest                  | Jan-19   | 1900     |
| 3     | Accreditation of Undergraduate Engineering Programme             | 40           | Prof. R.K.Dixit, Prof. Sanjay Agrawal | Jul-18   | 2094     |
| 4     | ICT in Teaching and Learning                                     | 20           | Dr. K. James Mathai                   | Jan-19   | 8212     |
| 5     | Learning and Instruction   | 20           | Dr. Kiran Saksena                     | Jan-19   | 2926     |
| 6     | Accreditation of the Post Graduate Engineering Programme         | 20           | Dr. S. S. Karulia                     | Jan-19   | 1546     |
| 7     | Accreditation for Diploma Engineering Programme                  | 40           | Prof. B. L. Gupta                     | Jan-20   | 2577     |
| 8     | Fundamental of Outcome Based Curriculum in Engineering Education | 20           | Prof. Joshua Earnest                  | Jan-20   | 1411     |
| 9     | Accreditation of Undergraduate Engineering Programme             | 40           | Prof. R.K.Dixit, Prof. Sanjay Agrawal | Jan-20   | 3089     |
| 10    | ICT in Teaching and Learning                                     | 20           | Dr. K. James Mathai                   | Jan-20   | 4060     |
| 11    | Learning and Instruction   | 20           | Dr. Kiran Saksena                     | Jan-20   | 784      |
| 12    | Professional Ethics & Sustainability                             | 40           | Prof. Shashi Kant Gupta               | Jan-20   | 5432     |
| 13    | Instructional Planning and Delivery                              | 40           | Dr. Sandip S. Kedar                   | Jan-20   | 2622     |
| 14    | Accreditation for Diploma Engineering Programme                  | 40           | Prof. B. L. Gupta                     | Jul-20   | 1061     |
| 15    | Fundamental of Outcome Based Curriculum in Engineering Education | 20           | Prof. Joshua Earnest                  | Jul-20   | 1057     |
| 16    | Accreditation of Undergraduate Engineering Programme             | 40           | Prof. R.K.Dixit, Prof. Sanjay Agrawal | Jul-20   | 1752     |
| 17    | ICT in Teaching and Learning                                     | 20           | Dr. K. James Mathai                   | Jul-20   | 3122     |
| 18    | Learning and Instruction   | 20           | Dr. Kiran Saksena                     | Jul-20   | 788      |
| 19    | Accreditation for Diploma Engineering Programme                  | 40           | Prof. B. L. Gupta                     | Jan-21   | 709      |
| 20    | Fundamental of Outcome Based Curriculum in Engineering Education | 20           | Prof. Joshua Earnest                  | Jan-21   | 331      |
| 21    | Accreditation of Undergraduate Engineering Programme             | 40           | Prof. R.K.Dixit, Prof. Sanjay Agrawal | Jan-21   | 1145     |
| 22    | ICT in Teaching and Learning                                     | 20           | Dr. K. James Mathai                   | Jan-21   | 2277     |
| 23    | Accreditation for Diploma Engineering Programme                  | 40           | Prof. B. L. Gupta                     | Jul-21   | 686      |
| 24    | Accreditation of Undergraduate Engineering Programme             | 40           | Prof. R.K.Dixit, Prof. Sanjay Agrawal | Jul-21   | 1292     |
| 25    | Accreditation of the Post Graduate Engineering Programme         | 20           | D Singh karaulia<br>karaulia          | Jul-21   | 259      |
| 26    | ICT in Teaching and Learning                                     | 20           | Dr. K. James Mathai                   | Jul-21   | 2832     |

| Sl.No | Course Title   | Course Hours | Course Co-ordinator                                   | Semester | Enrolled |
|-------|--|--------------|---|----------|----------|
| 27    | Learning and Instruction                                       | 20           | Dr. Kiran Saksena                                     | Jul-21   | 385      |
| 28    | Basic Instructional Methods                                    | 20           | Prof. (Mrs.) Susan S. Mathew                          | Jul-21   | 730      |
| 29    | Advanced Instructional Methods                                 | 20           | Asmita A. Khajanchee                                  | Jul-21   | 788      |
| 30    | Instruction Media  | 20           | Dr Sandip S Kedar                                     | Jul-21   | 240      |
| 31    | Professional Ethics for Higer Education Teachers               | 20           | Asmita A. Khajanchee                                  | Jul-21   | 957      |
| 32    | Graphics and Animation Development                             | 20           | Er. Shano Solanki                                     | Jul-18   | 2366     |
| 33    | Curriculum Implementation and Evaluation                       | 20           | Dr. A.B.Gupta   | Jul-18   | 1278     |
| 34    | Development of Self Learning Material                          | 20           | Dr. Sunil Dutt  | Jul-18   | 748      |
| 35    | Research in Technical Education                                | 20           | Dr. P. K. Tulsi                                       | Jul-18   | 901      |
| 36    | Development of Self Learning Material                          | 20           | Dr. Sunil Dutt  | Jan-20   | 1203     |
| 37    | Graphics and Animation Development                             | 20           | Er. Shano Solanki                                     | Jan-20   | 1897     |
| 38    | Research in Technical Education                                | 20           | Dr. P. K. Tulsi                                       | Jan-20   | 1489     |
| 39    | Communication Skills, Modes & Knowledge Dissemination          | 20           | Er. Amandeep Kaur                                     | Jan-20   | 9449     |
| 40    | Creative Problem Solving , Innovation and Meaningful R & D     | 40           | Dr. P. K. Tulsi                                       | Jan-20   | 3763     |
| 41    | Institutional Management & Administrative Procedures           | 40           | Prof. Rakesh K Wats                                   | Jan-20   | 2760     |
| 42    | Development of Self Learning Material                          | 20           | Dr. Sunil Dutt  | Jul-20   | 4570     |
| 43    | Graphics and Animation Development                             | 20           | Er. Shano Solanki                                     | Jul-20   | 2829     |
| 44    | Research in Technical Education                                | 20           | Dr. P. K. Tulsi                                       | Jul-20   | 592      |
| 45    | Entrepreneurship Development                                   | 20           | Dr. Suresh K Dhameja                                  | Jan-21   | 2082     |
| 46    | Educational Video Production                                   | 20           | Prof. Maitreyee Dutta,<br>Prof. Shyam Sundar Pattnaik | Jan-21   | 1654     |
| 47    | Development of Self Learning Material                          | 20           | Dr. Sunil Dutt  | Jan-21   | 892      |
| 48    | Graphics and Animation Development                             | 20           | Er. Shano Solanki                                     | Jan-21   | 3034     |
| 49    | Research in Technical Education                                | 20           | Dr. P. K. Tulsi                                       | Jan-21   | 600      |
| 50    | Communication Skills, Modes & Knowledge Dissemination          | 20           | Er. Amandeep Kaur                                     | Jul-21   | 2591     |
| 51    | Entrepreneurship Development                                   | 20           | Dr. Suresh K Dhameja                                  | Jul-21   | 1374     |
| 52    | Educational Video Production                                   | 20           | Prof. Maitreyee Dutta,<br>Prof. Shyam Sundar Pattnaik | Jul-21   | 1650     |
| 53    | Development of Self Learning Material                          | 20           | Dr. Sunil Dutt  | Jul-21   | 881      |
| 54    | Graphics and Animation Development                             | 20           | Er. Shano Solanki                                     | Jul-21   | 3844     |
| 55    | Research in Technical Education                                | 20           | Dr. P. K. Tulsi                                       | Jul-21   | 679      |
| 56    | Student Assessment and Evaluation                              | 40           | Dr. V. Shanmuganeethi                                 | Jul-18   | 1819     |
| 57    | E-content Development  | 40           | Dr. P. Malliga  | Jul-18   | 4720     |
| 58    | Transforming Instruction through Blended Classroom             | 40           | Dr.G.Janardhanan                                      | Jul-18   | 2450     |
| 59    | Quality Assurance in Engineering Education                     | 40           | Dr.E.S.M.Suresh                                       | Jul-18   | 1688     |
| 60    | Redefining laboratory Instruction Through Virtual Laboratories | 20           | Dr.G.Janardhanan                                      | Jul-19   | 5369     |
| 61    | OER for Empowering Teachers                                    | 20           | Dr. P. Malliga  | Jul-19   | 9788     |

| Sl.No | Course Title   | Course Hours | Course Co-ordinator    | Semester | Enrolled |
|-------|--|--------------|------------------------|----------|----------|
| 62    | Student Psychology   | 40           | Dr. S. Renukadevi      | Jan-20   | 989      |
| 63    | Strategic Planning for Technical Institutions                  | 20           | Dr. S .Dhanapal        | Jan-20   | 53       |
| 64    | E-content Development  | 40           | Dr. P. Malliga         | Jan-20   | 4037     |
| 65    | Transforming Instruction through Blended Classroom             | 40           | Dr.G.Janardhanan       | Jan-20   | 417      |
| 66    | Quality Assurance in Engineering Education                     | 40           | Dr.E.S.M.Suresh        | Jan-20   | 442      |
| 67    | Redefining laboratory Instruction Through Virtual Laboratories | 20           | Dr.G.Janardhanan       | Jan-20   | 488      |
| 68    | Orientation Towards Technical Education and Curriculum Aspects | 40           | Dr. P. Malliga         | Jan-20   | 8318     |
| 69    | Technology Enabled Learning & Life Long Self Learning          | 40           | Dr.G.Janardhanan       | Jan-20   | 4176     |
| 70    | Student Assessment and Evaluation                              | 40           | Dr. V. Shanmuganeethi  | Jan-20   | 3621     |
| 71    | Learning Management System _ MOODLE                            | 20           | Dr. V. Shanmuganeethi  | Jul-20   | 1347     |
| 72    | Guidance and Counselling                                       | 20           | Dr.R.Rajendran         | Jul-20   | 3941     |
| 73    | Integrating Educational Technology into Teaching               | 40           | Dr.G.Janardhanan       | Jul-20   | 2875     |
| 74    | Question Paper Authoring and Student Evaluation                | 40           | Dr.K.S.A. Dinesh Kumar | Jul-20   | 1219     |
| 75    | OER for Empowering Teachers                                    | 20           | Dr. P. Malliga         | Jul-20   | 1790     |
| 76    | Student Psychology   | 40           | Dr. S. Renukadevi      | Jul-20   | 5535     |
| 77    | Strategic Planning for Technical Institution                   | 20           | Dr. S .Dhanapal        | Jul-20   | 387      |
| 78    | Learning Management System _ MOODLE                            | 20           | Dr. V. Shanmuganeethi  | Jan-21   | 661      |
| 79    | Guidance and Counselling                                       | 20           | Dr.R.Rajendran         | Jan-21   | 2386     |
| 80    | Integrating Educational Technology into Teaching               | 40           | Dr.G.Janardhanan       | Jan-21   | 772      |
| 81    | Question Paper Authoring and Student Evaluation                | 40           | Dr.K.S.A. Dinesh Kumar | Jan-21   | 438      |
| 82    | OER for Empowering Teachers                                    | 20           | Dr. P. Malliga         | Jan-21   | 668      |
| 83    | Student Psychology   | 40           | Dr. S. Renukadevi      | Jan-21   | 3303     |
| 84    | Quality Assurance through NAAC Accreditation Process           | 40           | Dr.E.S.M.Suresh        | Jan-21   | 968      |
| 85    | Learning Management System _ MOODLE                            | 20           | Dr. V. Shanmuganeethi  | Jul-21   | 814      |
| 86    | Guidance and Counselling                                       | 20           | Dr.R.Rajendran         | Jul-21   | 2536     |
| 87    | Technology Enabled learning                                    | 40           | Dr.G.Janardhanan       | Jul-21   | 1338     |
| 88    | Student Assessment   | 20           | Dr.K.S.A. Dinesh Kumar | Jul-21   | 840      |
| 89    | OER for Empowering Teachers                                    | 20           | Dr. P. Malliga         | Jul-21   | 384      |
| 90    | Student Psychology   | 40           | Dr. S. Renukadevi      | Jul-21   | 2587     |
| 91    | Quality Assurance through NAAC Accreditation Process           | 40           | Dr.E.S.M.Suresh        | Jul-21   | 1378     |
| 92    | E-content Development  | 40           | Dr. P. Malliga         | Jul-21   | 3230     |
| 93    | Problem Based Learning   | 20           | Dr. Indrajit Saha      | Jan-19   | 4097     |
| 94    | Academic and Research Report Writing                           | 20           | Dr. Samir Roy          | Jan-19   | 4472     |
| 95    | Laboratory and Workshop Management                             | 20           | Dr. Dipankar Bose      | Jan-19   | 1045     |
| 96    | Capstone Project   | 20           | Dr. Prasanta Sarkar    | Jul-19   | 1852     |

| Sl.No | Course Title   | Course Hours | Course Co-ordinator                                   | Semester | Enrolled |
|-------|--|--------------|---|----------|----------|
| 97    | Managing learning resources                            | 20           | Dr. Uday Chand Kumar                                  | Jul-19   | 4197     |
| 98    | Technical Education System                             | 20           |   | Jain-20  | 198      |
| 99    | Learning Management System                             | 20           | Dr. Ranjan Das Gupta                                  | Jan-20   | 561      |
| 100   | Problem Based Learning                                 | 20           | Dr. Indrajit Saha                                     | Jan-20   | 846      |
| 101   | Academic and Research Report Writing                   | 20           | Dr. Samir Roy   | Jan-20   | 6241     |
| 102   | Laboratory and Workshop Management                     | 20           | Dr. Dipankar Bose                                     | Jan-20   | 522      |
| 103   | Problem Based Learning                                 | 20           | Dr. Indrajit Saha                                     | Jul-20   | 680      |
| 104   | Academic and Research Report Writing                   | 20           | Dr Samir roy  | Jul-20   | 8346     |
| 105   | Laboratory and Workshop Management                     | 20           | Dr. Dipankar Bose                                     | Jul-20   | 351      |
| 106   | Capstone Project                                       | 20           | Dr. Prasanta Sarkar                                   | Jul-20   | 421      |
| 107   | Managing learning resources                            | 20           | Dr. Uday Chand Kumar                                  | Jul-20   | 317      |
| 108   | Laboratory and Workshop Based Instruction and Learning | 20           | Dr. Jagat Jyoti Mandal                                | Jul-20   | 334      |
| 109   | Problem Based Learning                                 | 20           | Dr. Indrajit Saha                                     | Jan-21   | 432      |
| 110   | Academic and Research Report Writing                   | 20           | Dr. Samir Roy   | Jan-21   | 8146     |
| 111   | Capstone Project                                       | 20           | Dr. Prasanta Sarkar                                   | Jan-21   | 276      |
| 112   | Managing learning resources                            | 20           | Dr. Uday Chand Kumar                                  | Jan-21   | 173      |
| 113   | Learning Management System                             | 20           | Dr. Ranjan Das Gupta                                  | Jul-21   | 672      |
| 114   | Academic and Research Report Writing                   | 20           | Dr. Samir Roy   | Jul-21   | 10563    |
| 115   | Civil Infrastructure for Smart City Development        | 40           | GJ / ESM / KSAD                                       | Jul-18   | 5021     |
| 116   | Sustainable Construction Materials and Techniques      | 40           | Dr. KSAD /GJ / ESM                                    | Jul-19   | 4367     |
| 117   | Sustainable Construction Materials and Techniques      | 40           | Dr.G.Janardhanan                                      | Jul-20   | 1159     |
| 118   | Accreditation for Diploma Engineering Programme        | 40           | Prof. B. L. Gupta                                     | Jan-22   | 523      |
| 119   | Accreditation of Undergraduate Engineering Programme   | 40           | Prof. R.K.Dixit, Prof. Sanjay Agrawal                 | Jan-22   | 968      |
| 120   | ICT in Teaching and Learning                           | 20           | Dr. K. James Mathai                                   | Jan-22   | 2318     |
| 121   | Advanced Instructional Methods                         | 20           | Asmita A. Khajanchee                                  | Jan-22   | 1935     |
| 122   | Professional Ethics for Higher Education Teachers      | 20           | Asmita A. Khajanchee                                  | Jan-22   | 1151     |
| 123   | Communication Skills Modes & Knowledge Dissemination   | 20           | Er. Amandeep Kaur                                     | Jan-22   | 1824     |
| 124   | Entrepreneurship Development                           | 20           | Dr. Suresh K Dhameja                                  | Jan-22   | 1390     |
| 125   | Educational Video Production                           | 20           | Prof. Maitreyee Dutta,<br>Prof. Shyam Sundar Pattnaik | Jan-22   | 703      |
| 126   | Development of Self Learning Material                  | 20           | Dr. Sunil Dutt  | Jan-22   | 717      |
| 127   | Graphics and Animation Development                     | 20           | Er. Shano Solanki                                     | Jan-22   | 2253     |
| 128   | Research in Technical Education                        | 20           | Dr. P. K. Tulsi                                       | Jan-22   | 513      |
| 129   | Learning Management System MOODLE                      | 20           | Dr. V. Shanmuganeethi                                 | Jan-22   | 542      |
| 130   | Guidance and Counselling                               | 20           | Dr.R.Rajendran  | Jan-22   | 2746     |
| 131   | Technology Enabled learning                            | 40           | Dr.G.Janardhanan                                      | Jan-22   | 698      |
| 132   | Student Assessment                                     | 40           | Dr.K.S.A. Dinesh Kumar                                | Jan-22   | 528      |

| Sl.No | Course Title  | Course Hours | Course Co-ordinator                   | Semester | Enrolled |
|-------|---|--------------|---------------------------------------|----------|----------|
| 133   | Student Psychology                                    | 40           | Dr. S. Renukadevi                     | Jan-22   | 3041     |
| 134   | Quality Assurance through NAAC Accreditation Process  | 40           | Dr.E.S.M.Suresh                       | Jan-22   | 1378     |
| 135   | E-content Development                                 | 40           | Dr. P. Malliga                        | Jan-22   | 2390     |
| 136   | Learning Management System                            | 20           | Dr. Ranjan Das Gupta                  | Jan-22   | 447      |
| 137   | Academic and Research Report Writing                  | 20           | Dr. Samir Roy                         | Jan-22   | 7235     |
| 138   | Fundamentals of Problem based Learning                | 20           | Dr. Indrajit Saha                     | Jan-22   | 205      |
| 139   | Media and learning                                    | 20           | Dr Sandip S Kedar                     | Jan-22   | 821      |
| 140   | Basic Instructional Methods                           | 20           | Dr. S. S. Kedar                       | Jan-22   | 1262     |
| 141   | Accreditation for Diploma Engineering Programme       | 40           | Prof. B L Gupta                       | Jul-22   | 363      |
| 142   | Accreditation of Undergraduate Engineering Programme  | 40           | Prof. R.K.Dixit                       | Jul-22   | 843      |
| 143   | ICT in Teaching and Learning                          | 20           | Dr. K. James Mathai                   | Jul-22   | 6279     |
| 144   | Basic Instructional Methods                           | 20           | Prof. (Mrs.) Susan S. Mathew          | Jul-22   | 9134     |
| 145   | Advanced Instructional Methods                        | 20           | Asmita A. Khajanchee                  | Jul-22   | 6065     |
| 146   | Educational Media                                     | 20           | Dr Sandip S Kedar                     | Jul-22   | 4202     |
| 147   | Communication Skills, Modes & Knowledge Dissemination | 40           | Er. Amandeep Kaur                     | Jul-22   | 2030     |
| 148   | Educational Video Production                          | 40           | Prof. Maitreyee Dutta                 | Jul-22   | 669      |
| 149   | Development of Self Learning Material                 | 40           | Dr. Sunil Dutt                        | Jul-22   | 806      |
| 150   | Graphics and Animation Development                    | 40           | Er. Shano Solanki                     | Jul-22   | 2149     |
| 151   | Research in Technical Education                       | 40           | Dr. P. K. Tulsi                       | Jul-22   | 501      |
| 152   | Learning Management System MOODLE                     | 20           | Dr. V. Shanmuganeethi                 | Jul-22   | 1348     |
| 153   | Guidance and Counselling                              | 20           | Dr.R.Rajendran                        | Jul-22   | 8407     |
| 154   | Technology Enabled learning                           | 40           | Dr.G.Janardhanan                      | Jul-22   | 603      |
| 155   | Student Assessment                                    | 40           | Dr.K.S.A. Dinesh Kumar                | Jul-22   | 1259     |
| 156   | Student Psychology                                    | 40           | Dr. S. Renukadevi                     | Jul-22   | 7587     |
| 157   | Quality Assurance through NAAC Accreditation Process  | 40           | Dr.E.S.M.Suresh                       | Jul-22   | 1276     |
| 158   | E-content Development                                 | 40           | Dr. P. Malliga                        | Jul-22   | 1659     |
| 159   | Academic and Research Report Writing                  | 20           | Dr. Samir Roy                         | Jul-22   | 7711     |
| 160   | Accreditation of Undergraduate Engineering Programme  | 20           | Prof. R.K.Dixit, Prof. Sanjay Agrawal | Jan-23   | 1063     |
| 161   | ICT in Teaching and Learning                          | 20           | Dr. K. James Mathai                   | Jan-23   | 7827     |
| 162   | Basic Instructional Methods                           | 20           | Prof. (Mrs.) SUSAN S. MATHEW          | Jan-23   | 12806    |
| 163   | Advanced Instructional Methods                        | 20           | ASMITA A. KHAJANCHEE                  | Jan-23   | 7288     |
| 164   | Educational Media                                     | 20           | Dr Sandip S Kedar                     | Jan-23   | 7284     |
| 165   | Communication Skills, Modes & Knowledge Dissemination | 40           | Er. Amandeep Kaur                     | Jan-23   | 3432     |
| 166   | Educational Video Production                          | 40           | Prof. Maitreyee Dutta                 | Jan-23   | 1275     |
| 167   | Development of Self Learning Material                 | 40           | Dr. Sunil Dutt                        | Jan-23   | 1016     |

| Sl.No | Course Title  | Course Hours | Course Co-ordinator          | Semester | Enrolled |
|-------|---|--------------|------------------------------|----------|----------|
| 168   | Graphics and Animation Development                    | 40           | Er. Shano Solanki            | Jan-23   | 2945     |
| 169   | Research in Technical Education                       | 40           | Dr. P. K. Tulsi              | Jan-23   | 655      |
| 170   | Learning Management System _ MOODLE                   | 20           | Dr. V. Shanmuganeethi        | Jan-23   | 2667     |
| 171   | Guidance and Counselling                              | 20           | Dr. R. Rajendran             | Jan-23   | 12276    |
| 172   | Technology Enabled learning                           | 40           | Dr.G.Janardhanan             | Jan-23   | 1128     |
| 173   | Student Assessment                                    | 40           | Dr.K.S.A. Dinesh Kumar       | Jan-23   | 1918     |
| 174   | Student Psychology                                    | 40           | Dr. S. Renukadevi            | Jan-23   | 10836    |
| 175   | Quality Assurance through NAAC Accreditation Process  | 40           | Prof. Dr. E.S.M. Suresh      | Jan-23   | 1331     |
| 176   | E-content Development                                 | 40           | Dr. P. Malliga               | Jan-23   | 2187     |
| 177   | Academic and Research Report Writing                  | 20           | Dr. Samir Roy                | Jan-23   | 10000    |
| 178   | Accreditation for Diploma Engineering Programme       | 20           | Prof. B L Gupta              | Jul-23   | 497      |
| 179   | Accreditation of Undergraduate Engineering Programme  | 20           | Prof. R.K.Dixit              | Jul-23   | 294      |
| 180   | ICT in Teaching and Learning                          | 20           | Dr. K. James Mathai          | Jul-23   | 3476     |
| 181   | Basic Instructional Methods                           | 20           | Prof. (Mrs.) Susan S. Mathew | Jul-23   | 5203     |
| 182   | Advanced Instructional Methods                        | 20           | Asmita A. Khajanchee         | Jul-23   | 3157     |
| 183   | Educational Media                                     | 20           | Dr Sandip S Kedar            | Jul-23   | 2320     |
| 184   | Communication Skills, Modes & Knowledge Dissemination | 40           | Er. Amandeep Kaur            | Jul-23   | 1246     |
| 185   | Educational Video Production                          | 40           | Prof. Maitreyee Dutta        | Jul-23   | 614      |
| 186   | Development of Self Learning Material                 | 40           | Dr. Sunil Dutt               | Jul-23   | 578      |
| 187   | Graphics and Animation Development                    | 40           | Er. Shano Solanki            | Jul-23   | 1671     |
| 188   | Research in Technical Education                       | 40           | Dr. P. K. Tulsi              | Jul-23   | 345      |
| 189   | Learning Management System _ MOODLE                   | 20           | Dr. V. Shanmuganeethi        | Jul-23   | 688      |
| 190   | Guidance and Counselling                              | 20           | Dr.R.Rajendran               | Jul-23   | 2957     |
| 191   | Technology Enabled learning                           | 40           | Dr.G.Janardhanan             | Jul-23   | 579      |
| 192   | Student Assessment                                    | 40           | Dr.K.S.A. Dinesh Kumar       | Jul-23   | 856      |
| 193   | Student Psychology                                    | 40           | Dr. S. Renukadevi            | Jul-23   | 4237     |
| 194   | Quality Assurance through NAAC Accreditation Process  | 40           | Dr.E.S.M.Suresh              | Jul-23   | 1133     |
| 195   | E-content Development                                 | 40           | Dr. P. Malliga               | Jul-23   | 1356     |
| 196   | Academic and Research Report Writing                  | 20           | Dr. Samir Roy                | Jul-23   | 7086     |
|       |   |              |                              |          | 488913   |



# National Institute of Technical Teachers Training and Research

Ministry of Education, Government of India, Taramani, Chennai - 600 113.

**राष्ट्रीय तकनीकी शिक्षक प्रशिक्षण एवं अनुसंधान संस्थान  
शिक्षा मंत्रालय, भारत सरकार, तरमणी, चेन्नई - ६०० ११३.**

**Prof. USHA NATESAN Ph.D., D.Litt.**

**प्रो. उषा नेटेसन फी.डी.डी., डी.लिट.**

**DIRECTOR / निदेशक**

To

The Section Officer  
Technical Section – IV  
Ministry of Education,  
Department of Higher Education  
Room No. 430, C-Wing,  
Shastri Bhawan, New Delhi 110 001.

Ref:NITTR/LSUQ-2639/2023-24

Date: 14.12.2023

Dear Sir,

Sub: Lok Sabha Unstarred Question No.2639 for 19.12.2023

Ref: Email from Ministry dated 12.12.2023

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Please find below the details for the Lok Sabha Unstarred Question No.2639 for 19.12.2023.

| (a)      | Whether the Government has made a provision to provide 10 percent reservation for the Economically Weaker Sections (EWS) of all religions in Government aided and non-Government aided private educational institutions through the 124 <sup>th</sup> Constitutional Amendment; | As far as NITTR Chennai is concerned, as per Government provision, 10% reservation for the Economically Weaker sections is made in recruitment.  |          |             |             |    |   |   |    |     |     |     |   |    |
|----------|---|--|----------|-------------|-------------|----|---|---|----|-----|-----|-----|---|----|
| (b)      | If so, the details thereof;   | During the mission mode recruitment, four post reserved for EWS were recruited viz Assistant Professor (1 post) during 2022 and Multi Tasking Staff (3 posts) during 2023  |          |             |             |    |   |   |    |     |     |     |   |    |
| (c)      | Whether there is a provision for reservation for Scheduled Castes, Scheduled Tribes and OBCs in Government aided and non-Government aided private educational institutions; and   | As far as NITTR Chennai is concerned, as per Government provision, reservation for the SC, ST and OBC is made in recruitment.  |          |             |             |    |   |   |    |     |     |     |   |    |
|          | If so, the details thereof;   | During the mission mode recruitment, various posts reserved under SC, ST and OBC were recruited during 2022 and 2023 and the details are provided below:<br><table border="1"><thead><tr><th>Category</th><th>Year - 2022</th><th>Year - 2023</th></tr></thead><tbody><tr><td>SC</td><td>1</td><td>5</td></tr><tr><td>ST</td><td>Nil</td><td>Nil</td></tr><tr><td>OBC</td><td>2</td><td>16</td></tr></tbody></table> | Category | Year - 2022 | Year - 2023 | SC | 1 | 5 | ST | Nil | Nil | OBC | 2 | 16 |
| Category | Year - 2022   | Year - 2023  |          |             |             |    |   |   |    |     |     |     |   |    |
| SC       | 1   | 5  |          |             |             |    |   |   |    |     |     |     |   |    |
| ST       | Nil   | Nil  |          |             |             |    |   |   |    |     |     |     |   |    |
| OBC      | 2   | 16   |          |             |             |    |   |   |    |     |     |     |   |    |

Yours Sincerely,

*Umapathy*  
14/12/23

Director

↳ +91)-(44) 22545405 / 2334

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🌐 www.nitttrc.ac.in

Extension Centres : Bengaluru, Hyderabad, Kalamassery, Vijayawada



# National Institute of Technical Teachers Training and Research

Ministry of Education, Government of India, Taramani, Chennai - 600 113.

राष्ट्रीय तकनीकी शिक्षक प्रशिक्षण एवं अनुसंधान संस्थान  
शिक्षा मंत्रालय, भारत सरकार, तरमणी, चेन्नई - 600 113.

**Prof. USHA NATESAN Ph.D., D.Litt.**

**प्रो. उषा नटेसन पी.एच.डी., डी.लिट.**

**DIRECTOR / निदेशक**

Ref: NITTRC/RSUQ5168/2022-23

Date: 31.03.2023

To  
Section Officer (Technical Section – IV),  
(Department of Higher Education),  
Ministry of Education,  
Room No. 430, C-Wing,  
Shastri Bhawan, New Delhi - 110 001.

Dear Sir,

Sub: Lok Sabha USQ No.5168 dated 03.04.2023 regarding Technical Education  
Ref: Email dt. 31.03.2023

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With reference to the email cited above, please find below the details for Rajya Sabha USQ No. 5168 dt. 03.04.2023 regarding Technical Education asked by Shri Ashok Mahadeorao Netre:

| Point No. | Question  | Comments       |
|-----------|---|----------------|
| (a)       | whether the Government proposes to promote the technical education;         |                |
| (b)       | if so, the details thereof;   |                |
| (c)       | the steps taken or likely to be taken by the Government in this regard; and | Refer Annexure |
| (d)       | the details of the achievements made so far in this regard?                 |                |

Yours faithfully,

*Umaleshwar*  
31/3/23

Director

*31/3/23* 31/3/23

## **Annexure**

**(a) Whether the Government proposes to promote the Technical Education,**

**(b) If so, the details thereof:**

**(c) The steps taken or likely to be taken by the Government in this regard**

Four National Institutes of Technical Teachers Training and Research (NITTTRs) were established during the year 1964 to 1967 as autonomous institutes by the Ministry of Education, Government of India to improve the quality of the technical education system in the country. In its inception, NITTTR was known as Technical Teacher Training Institute (TTTI) for each region.

With this mandate of improving technical education in the country especially polytechnic education, the Government of India started its first Technical Teachers Training Institute in Chennai in the year 1964. The main objective of the institute is listed as:

1. To train teachers for diploma institutions through long, modular, and short courses.
  - a) To foster and promote research:
  - b) In improving classroom and laboratory techniques
  - c) In developing an understanding of teaching.
  - d) In all aspects of curriculum development and testing.
2. To prepare and supply wherever necessary, teaching aids, and instructional material including filmstrips, technical films, and other aids to polytechnics.
3. To associate the institute with state councils and other academic bodies on technical education in the region, regarding curriculum development, admission procedures and examination reforms.
4. To collaborate with institutes or organisations in India and abroad that have similar objectives and functions.
5. To take initiative in improving polytechnic education
6. To act as centres for disseminating information to all agencies interested in technical education.
7. To collaborate with industries in the region in formulating training programmes of mutual interest

In the year 2003, the TTTI was rechristened as NITTTR with the increase in the scope of the training entire gamut of technical education (Polytechnic and Engineering). Within this mandate, NITTTR Chennai is committed to offering short- and long-term in-service training programmes through appropriate modes (online/offline) and develop curricula and instructional resources for technical education and also offers academic consultancy services for the total development of engineering colleges, polytechnics, vocational institutions, industry, service sector and the community at large.

In the past 50 years, we are serving the country in the implementation of World Bank/ADB-funded Technical Education Projects, and other projects of national importance viz., National Mission on Education through Information and Communication Technology (NMEICT), Study Webs of Active-Learning for Young Aspiring Minds (SWAYAM), National Initiative for Technical Teachers Training (NITT), Annual Refresher Programme in Teaching (ARPIT).

NITTTR Chennai proposed the framework to accredit and transfer the accrued credits (Bank of Credits) for the successful completion and certification of training programmes. Similarly, NITTTR Chennai is offering professional development programmes aligned with the doctrines of National Education Policy 2020. In the present digital era, NITTTR Chennai inculcates the techniques and tools to enhance the teaching skills of technical teachers. Some special courses are slated in the area of immersive technologies (Virtual Reality and Augmented Reality) and Gamification in education. By training the teachers in the emerging thrust areas, we are placing them at ease in developing the knowledge society. We also propose to offer courses of international standards, viz., Master's in Learning, Design, and Technology; Education for Sustainable Development; Cognitive Computing; Society 5.0 and Smart Infrastructure Engineering and Management respectively. Eventually, NITTTR Chennai as one of the nine National Coordinators of SWAYAM for Teacher Training, through the SWAYAM technical teachers will upgrade their knowledge.

During the year 2020, the Ministry of Education and AICTE ventured into reforming technical education by empowering the teachers through the National Initiative for Technical Teacher Training (NITT), which covers the entire gamut of newly inducted technical teachers and NITTTR Chennai has been identified as the Coordinator (NITT) and offers eight modules in Phase I. In Phase II, NITTTRs developed modules for the senior faculty members. At present, we are in process of

rolling out the framework to align the training credits with the National Credit Framework.

From the year 1964, NITTTR Chennai as an extended arm of the Ministry of Education empowered the faculty members of Polytechnic and Engineering College. Our clientele system is predominantly from the polytechnic education system till 2003 and after NITTTR extended its horizon to encompass both polytechnic and engineering, in addition to its international candidate. This institute has been pioneering in offering the first-ever degree course in teacher education, exclusively for polytechnic teachers holding a graduate degree in engineering subjects in the country.

The activities of NITTTR towards the polytechnic education is listed below:

- a) In 1966, the first course leading to Diploma in Technical Teaching (Dip. T. T.) was started with an intake of 60 teacher trainees.
- b) In 1967, the institute started receiving aid from U.K. under the Colombo Plan by way of equipment, secondment of staff and training and faculty abroad.
- c) In 1970, a Curriculum Development Centre was established under the Quality Improvement Programme of Government of India to launch short-term courses and curriculum development workshops.
- d) In 1970, another course leading to Diploma in Science Teaching (Dip. Sc. T.) with a complement of 20 polytechnic teachers of Science and Mathematics was introduced.
- e) In 1974, another course leading to Bachelor of Technical Education (B.Tech. Ed.) affiliated to the University of Madras was introduced with an intake of 20 engineering graduate teachers of Polytechnics.
- f) In 1976, an extension centre at Kalamaserry in Kerala was established to closely liaise with the polytechnics and the Directorate of Technical Education in the state.
- g) In 1977, another extension centre at Hyderabad in Andhra Pradesh was started.
- h) In 1978, the institute started getting UNDP assistance in collaboration with the other, TTTIs in the country in the areas of Educational Research, the Production of Educational films, National Testing Service and the production of multi-media learning packages.

- i) In 1979, the Diploma course in Science Teaching was converted into a correspondence -cum-contact programme to enable the teachers to pursue this programme at their doorstep.
- j) In 1979, the institute has been recognized as one of the associated centres of APEID, UNESCO regional office, Bangkok in the area of Technical / Vocational Education.
- k) In 1980 – Another course leading to “Certificate Course in Technical Teaching (Cert.TT) was introduced for the teachers of the polytechnics in the diversified disciplines.
- l) Another extension centre at Bangalore in Karnataka was started.
- m) A computer centre procuring a mini micro-78 was commissioned and an educational media centre was started to design, develop and fabricate instructional aids for supply to the polytechnics.
- n) In early 1990 – started a unique Ph.D programme in the country to emphasise the importance of engineering, affiliated with the University of Madras. The institute offered PhD in Engineering Education.
- o) From the year 2003, the institute started offering programmes to engineering and universities on the various aspects of pedagogy.
- p) In the year 2018, we started offering teacher-specific MOOCs under SWAYAM. For both polytechnic and engineering, we are offering MOOCs related to the area of pedagogy.
- q) In the year 2018, we started offering a unique master's programme in Civil Engineering titled “Infrastructure Engineering and Management. The number of the masters programme is expanded to five and it scaffolds the teaching needs of the country.

**(d) The Significant Achievements of NITTTR Chennai**

- 1) For the past 50 years, the Institute has enriched around 1,50,000 technical teachers from Andhra Pradesh, Telangana, Karnataka, Tamil Nadu, Kerala and other States through need oriented customized short term training programmes.
- 2) More than 95 research scholars were awarded Ph.D. in Engineering Education by the University of Madras from 2000 onwards.

- 3) The institute has played a vital role in developing/revising curricula for diploma programmes of Andhra Pradesh, Telangana, Karnataka, Tamil Nadu and Kerala state. And also, the faculty members of the institute rendered expertise for curricula development to the technical institutes in our country.
- 4) The institute has developed/updated a number of course materials/lab manuals in various engineering subjects, and pedagogy for use by teachers of technical institutions.
- 5) The institute has specially designed and offering number of training programmes aligned with NEP 2020.
- 6) The NITTTR Chennai serving as a national coordinator for teachers Education, through the SWAYAM around 370000 participants attended/attending from all corners of the world.
- 7) the AICTE has framed a policy in the name of “National Initiative for Technical Teachers Training (NITT)”. NITTTR Chennai has been identified as the Coordinating agency for this policy. There are totally eight modules have been developed as stage-I. A total of around 100000 technical teachers are enrolled in these eight modules.

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**National Institute of Technical Teachers Training and Research**

Ministry of Education, Government of India, Taramani, Chennai - 600 113.

**राष्ट्रीय तकनीकी शिक्षक प्रशिक्षण एवं अनुसंधान संस्थान  
शिक्षा मंत्रालय, भारत सरकार, तरमणी, चेन्नई - 600 113.**

**Prof. USHA NATESAN Ph.D., D.Litt.**

**प्रो. उषा नटेसन फीएच.डी., डी.लिट.**

**DIRECTOR / निदेशक**

Ref: NITTTRC/MUPI/MoE/2023-24/

Date: 20.02.2024

To  
Section Officer  
Technical Section IV (NITTTRs),  
Department of Higher Education,  
Ministry of Education,  
New Delhi 110 001.

Dear Sir,

Sub: NITTTR Chennai – Matter of Urgent Public Importance—Zero Hour raised by Hon’ble MP, Shri Chandra Sekhar Sahu – reg.

Ref : Ministry’s email dt.08.02.2024

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It is stated that the Regions served by NITTTR Chennai include Tamil Nadu, Kerala, Karnataka, Telangana, Andhra Pradesh and Pondicherry. It is informed that NITTTR Kolkata has an Extension Centre at Bhubaneshwar, which will cater to the needs of the Odisha state. This is for your kind information and necessary action.

Thanking you,

Yours faithfully,

*Usha Natesan*  
20/2/24

Director

*[Signature]*  
20/2/24



# National Institute of Technical Teachers Training and Research

Ministry of Education, Government of India, Taramani, Chennai - 600 113.

राष्ट्रीय तकनीकी शिक्षक प्रशिक्षण एवं अनुसंधान संस्थान  
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**प्रो. उषा नटेसन फैज़ा.डी., डी.लिट.**

**DIRECTOR / निदेशक**

To

The Section Officer  
Technical Section – IV  
Ministry of Education,  
Department of Higher Education  
Room No. 430, C-Wing,  
Shastri Bhawan, New Delhi 110 001.

Dear Sir,

Sub: Rajya Sabha Unstarred Question No.1147 for 13.12.2023  
reg. Vacant posts in Higher Education Institutions (HEIs) – reg.

Ref: Email from Ministry dated 07.12.2023

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Please find below the details for the Rajya Sabha Unstarred Question No.1147 for 13.12.2023 reg. Vacant posts in Higher Education Institutions (HEIs) asked by Dr. M. Thambidurai – reg.

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|-----|--|--|
| (a) | whether the Government is aware that there are many vacant posts in Higher Education institutions (HEIs) in the country including Tamil Nadu, which adversely affect the career of the students; | As far as NITTTR Chennai is concerned, vacant posts are being filled out under vigorous mission mode recruitment by Government of India. |
| (b) | if so, the details thereof;  |  |
| (c) | whether Government has any special scheme/programme to fill the existing vacant posts in these HEIs; and   |  |

Yours Sincerely,

Director