

NATIONAL INITIATIVE FOR TECHNICAL TEACHER TRAINING



INFORMATION BOOKLET ABOUT WEB PORTAL



All India Council for Technical Education

(A STATUTORY BODY OF THE GOVT. OF INDIA)

(Ministry of Human Resource Development, Govt. of India)

Nelson Mandela Marg, Vasant Kunj, New Delhi-1 10070



National Initiative for Technical Teachers Training Web Portal



Introduction

Ministry of Human Resource Development (MHRD) and All India Council for Technical Education (AICTE) jointly proposed an initiative called “National Initiative for Technical Teachers Training (NITTT)” to address the technical teachers of the country who plays the active role in the technical education system. The technical teachers are proficient in their subject domain and its application. But they should have the requisite delivery skills to communicate the knowledge and skills to the students in an effective manner. In this regard, NITTTRs have developed pedagogy modules for newly inducted technical teachers. The technical teachers have to undergo the pedagogy modules in the SWAYAM platform and get certificated from NITTT. The inductee teachers have to register in a web portal called “NITTT Portal” which is a vertical portal over SWAYAM platform. The NITTT portal is collecting the essential data about the inductee teachers of our country. NITTT portal is a new self-contained portal to

interface the teachers of technical institutions with SWAYAM MOOC portal. This portal collects all professional data of all technical teachers to provide appropriate training facilities through the MOOCs in future. This portal consists of different roles, such as participants of the pedagogy modules, mentor, Nodal officer of Technical Institution and administrator. NITTT portal is 24x7 enabled for the users of the portal. The portal consists of properly designed presentation logic, business logic and data logic. The presentation logic will interface the user.

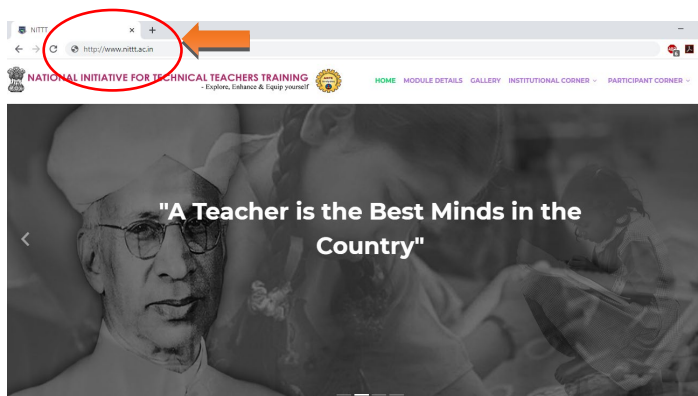


Figure 1.0 Portal Introduction page(www.nittt.ac.in)

The presentation logic initiated with a page consisting of all the details of the pedagogy modules. Presently, the portal is launched with participant corner and institutional corner. The portal can be accessed with

URL www.nittt.ac.in is shown in figure 1.0. The introduction page consisting of the all details such as introductory videos of all specially designed pedagogy modules, course brochure of each module, policy document, details of content developers and registration & login links.

Participant Corner

Each participant has to undergo two phase registration process through the NITTT portal by providing the essential details.

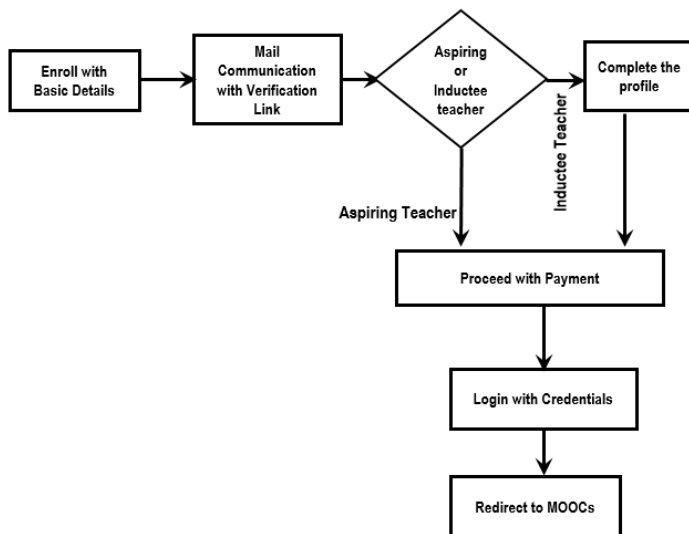


Figure 2.0 Participant Registration Flow Diagram

The flow diagram is shown in figure 2.0 depicts the flow of the registration process. The prime need of the registration in the NITTT Web Portal is to collect the essential data about the participant for further proceedings such as certification, learning analytics, mentoring and etc., Once, the registration has been completed, the participant can directly login to SWAYAM to undergo the Pedagogy MOOCs modules. For the registration, the participant has to select the participant corner in the website where the participant registration link is available as shown in figure 3.0



Figure 3.0 Participant Corner

Step -1: The participant has to feed the basic details such as Name, Email-id, Mobile number, and verification code. The Email-id has become a user id for login. Since NITTT Web Portal is vertical over the SWAYAM platform, the participant again needs to login to the SWAYAM platform with Email-id. So, kindly try to

maintain the same Email-id as the login id for the NITTT Web Portal and SWAYAM Platform. After submitting the details, the participant will receive an email which is consisting of the verification link, as shown in figure 4.0.

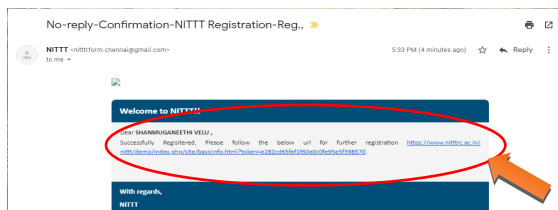


Figure 4.0 Email Verification Link

Step-2: By clicking the verification link, the participant will be redirected to the second phase of the registration process. In the second phase of registration the participant has to provide basic information, present employment details, experiences and registration payment.

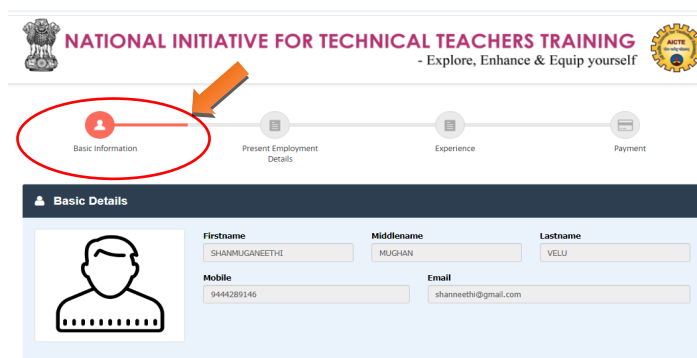


Figure 5.0 IInd Phase of Registration

Step-3: In the basic information tab, the portal collecting the details such as photo(Less than 20Kb), gender, date of birth, category, Experience, Highest Qualification, Faculty position, Password, confirm password, communication address, state, district, city and pin code. The faculty position has options as Inductee Teacher and Aspiring Teacher. If the participant selects the Inductee Teacher then the participant will be redirected to present employment details; otherwise, the participant will be redirected to the payment gateway.

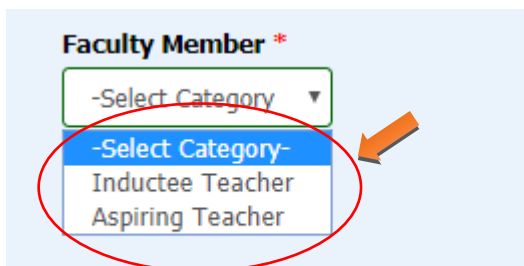


Figure 6.0 Faculty Position

Step-5: When the participant selects the option as an inductee teacher, the inductee teacher will be moved by submission to present employment details. The present employment tab consists of present designation, department, college/institution, district, state, and date of joining in the present employment. In this tab, all the

fields are essential. The presentation employment tab is shown in figure 7.0.

The screenshot shows the NITT Web Portal interface. At the top, there is a header with the Indian national emblem on the left, the text "NATIONAL INITIATIVE FOR TECHNICAL TEACHERS TRAINING" in pink, and the tagline "- Explore, Enhance & Equip yourself" below it. On the right is the ACITE logo. Below the header is a navigation bar with four tabs: "Basic Information", "Present Employment Details", "Experience", and "Payment". The "Present Employment Details" tab is highlighted with a red oval and an orange arrow pointing to it. Below the navigation bar is a form titled "Employment Details" with the following fields:

State * Tamil Nadu	District * CHENNAI	College * ANNA UNIVERSITY
Department * Computer Science and Engineering	Designation * Assistant Professor	Level of Employee's salary * Level 11

Figure 7.0 Present Employment details tab

The present employment details collect all the basic details about the current employment of inductee teachers. In continuation of the present employment details, the participant will be directed to the next tab where the participant has entered the earlier experiences.

Step-6: The participant has to enter the past experience which may arise from academic institutions or industry. In the experience tab, the participant has to provide the Industry/ Institute name, nature of the job in the earlier experience, from and to details. In this tab, the participant can add any number of rows as per the

experiences. When the participant clicks the “+” button, a new row will be added. If the participant wants to remove the row, a “X” button is available in each row. Here, an important condition is a minimum one row should exist. The participant cannot remove a basic row from the experience tab.

If the participant does not have any earlier experience then they have to enter “NA” in the field of industry/institute name and nature of the job.

The details are presented in the experience tab.

NATIONAL INITIATIVE FOR TECHNICAL TEACHERS TRAINING
- Explore, Enhance & Equip yourself

Basic Information Present Employment Details Experience Payment

Dear Participant, if you have any prior experience then kindly fill the experience details in the following table. If you do not have any prior experience, kindly fill "NA" in Institution Name and Nature of Job. Leave other columns as it is.

Experience Details

Industry / Institution Name	Nature of Job	From	To	
<input type="text"/>	<input type="text"/>	Year <input type="text"/> Month <input type="text"/>	Year <input type="text"/> Month <input type="text"/>	<input type="button" value="+"/> <input type="button" value="X"/>

Figure 8.0 Experience Details

After submitting the experience details, the participant will be redirected to the final tab of the registration called payment. The registration fee is Rs. 2000/- .

Step-7: The participant has to pay the registration fee through clicking the button “proceed to pay”.

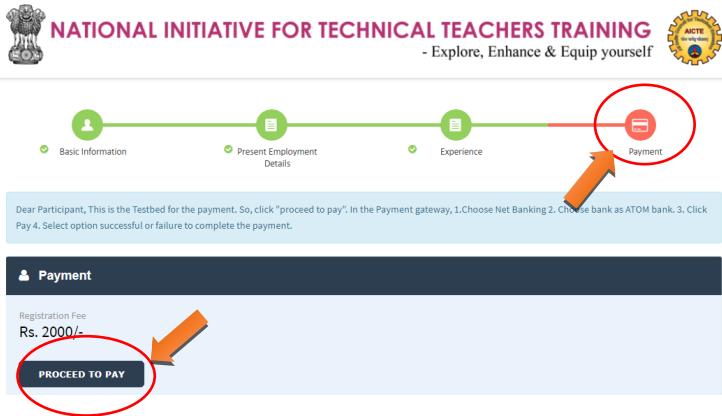


Figure 9.0 Payment tab

Step-8: The participant redirected to the payment gateway to pay the registration fee. Once the participant paid the registration fee, and a unique registration id will be generated. The transaction details will be recorded and the module payment page will be displayed as shown in figure 10.0. The participant has to select the modules and do the payment for the pedagogy modules.



Module	S No	Module Name	Module Topic	Price
<input checked="" type="checkbox"/>	1	Module 1	Orientation Towards Technical Education & Curriculum Aspects	Rs. 1000/-
<input checked="" type="checkbox"/>	2	Module 2	Professional Ethics & Sustainable Development	Rs. 1000/-
<input type="checkbox"/>	3	Module 3	Communication Skills, Modes and Knowledge Dissemination	Rs. 1000/-
<input type="checkbox"/>	4	Module 4	Institutional Planning and Delivery	Rs. 1000/-
<input checked="" type="checkbox"/>	5	Module 5	Technology Enabled Learning and Life-Long Self Learning	Rs. 1000/-
<input checked="" type="checkbox"/>	6	Module 6	Student Assessment and Evaluation	Rs. 1000/-
<input checked="" type="checkbox"/>	7	Module 7	Creative Problem Solving, Innovation and Meaningful R & D	Rs. 1000/-
<input checked="" type="checkbox"/>	8	Module 8	Institutional Management and Administrative Procedures	Rs. 1000/-

Figure 10.0 Module Payment -1

The participant has to select the module(s) for the payment through the selection option. If the participant has done the payment successfully then the module payment become paid as shown in figure 11.0



S No	Module Name	Module Topic	Price
1	Module 1	Orientation Towards Technical Education & Curriculum Aspects	Rs. 1000/-
2	Module 2	Professional Ethics & Sustainable Development	Rs. 1000/-
3	Module 3	Communication Skills, Modes and Knowledge Dissemination	Rs. 1000/-
4	Module 4	Institutional Planning and Delivery	Rs. 1000/-
5	Module 5	Technology Enabled Learning and Life-Long Self Learning	Rs. 1000/-
6	Module 6	Student Assessment and Evaluation	Rs. 1000/-
7	Module 7	Creative Problem Solving, Innovation and Meaningful R & D	Rs. 1000/-
8	Module 8	Institutional Management and Administrative Procedures	Rs. 1000/-

Figure 11.0 Module payment Screen

If the transaction is not successful, then the participant will be redirected to the login page and the participant can furnish the payment through “PAYNOW” button as shown in figure 12.0.

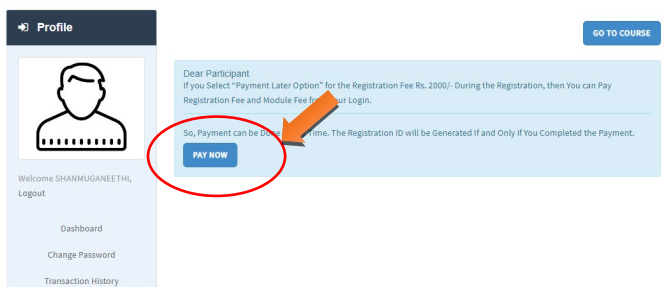


Figure 12.0 Payment through Dashboard

In addition, the transaction details are also recorded in the participant dash board as shown in figure 13.0

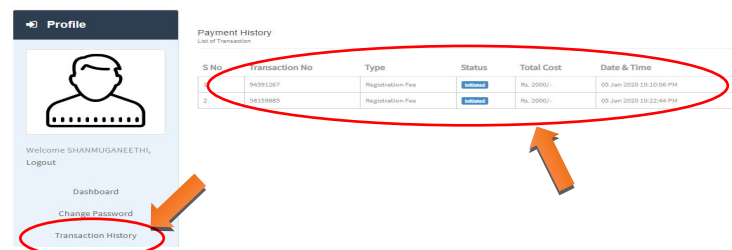


Figure 13.0 Transaction History

After the successful transaction, the participant has the module details in the dashboard. Through the module details, the participant can do the module fee Rs. 1000/- for each module based on the selection. The module fee can be paid by the participant at any point of time during the MOOC training in the SWAYAM platform. But, they have to pay the module fee before the proctored examination. In the dashboard, “Go To Course” button allow the participant to move from the NITTT web portal to SWAYAM MOOC platform and logout from the NITTT Web Portal as shown figure 14.0.

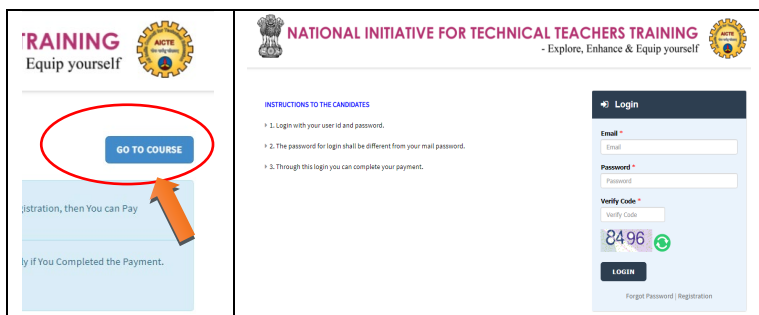


Figure 14.0 Go To Course

The participant has to sign-in into the SWAYAM platform possibly using the same email-id which was used for the NITTT Web portal and do the MOOCs.

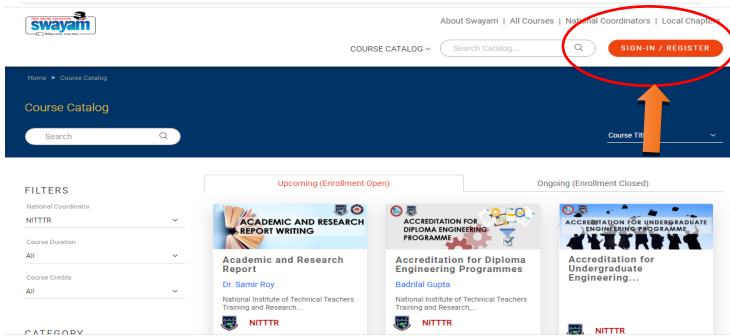


Figure 15.0 NITTT Portal to SWAYAM Dashboard

After the successful registration, the participant need not to login to NITTT Web portal to go to SWAYAM platform. Instead, the participant can directly sign-in to the SWAYAM platform and do the MOOCs.



Institutional Registration in Web Portal



Introduction

This portal consists of different roles, such as participants of the pedagogy modules, mentor, Nodal officer of Technical Institution and administrator. NITTT portal is 24x7 enabled for the users of the portal. The portal consists of properly designed presentation logic, business logic and data logic. The presentation logic will interface the user.

Step 1: To register as an institution in this portal, visit www.nittt.ac.in. The homepage of the NITTT portal will be opened.

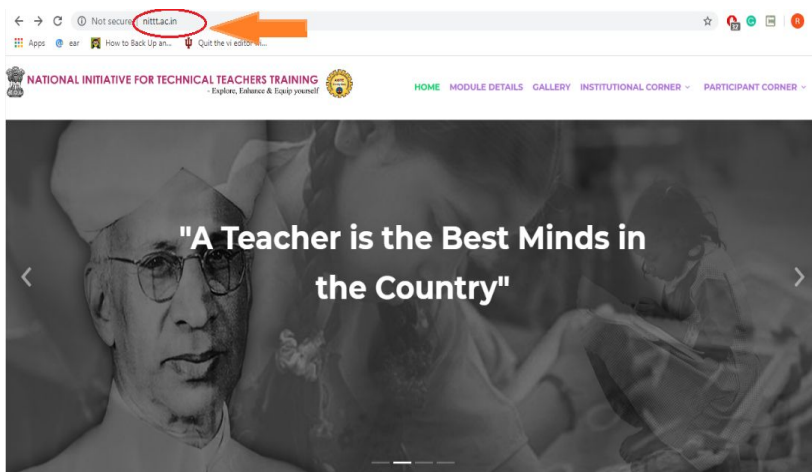


Figure 1.0 Portal Introduction page(www.nittt.ac.in)

The home page consists of all the details of the pedagogy modules. The introduction page consists of all details such as introductory videos of all specially designed pedagogy modules, course brochure of each module, assessment rubric of each module, policy document, details of content developers and registration & login links.

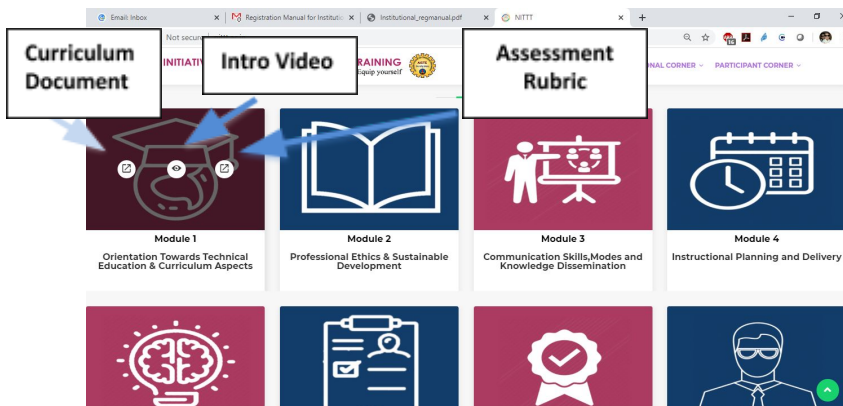


Figure 2.0 Details of each Module

When the user clicks each icon of the each module image, the user will be able to see the curriculum of the corresponding module, introductory video and assessment rubric of the corresponding module.

Institutional Corner

In the top menu of the institution page, different menu items are available to get the details about the NITTT policies and module details.

Figure 3.0 Menu items

When the user moves to each menu item, the user will be able to surf the details of the corresponding menu. In the menu, Institutional corner consists of Institutional Login and registration.

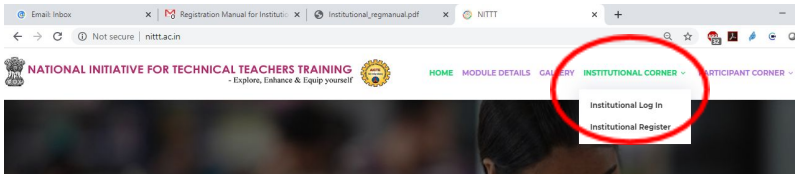


Figure 4.0 Institutional Corner

Each Institutional head has to undergo registration processes through the NITTT portal by providing the essential details. The prime need of the institutional registration in the NITTT Web Portal is to collect the essential data about the institution, mentor and near-by industries. The details will be used only for getting the feedback of inductee teachers, mentor and industrial experts. For the institutional registration, the Institutional head has to select the Institutional corner in the website where the registration link is available as shown in the following figure.

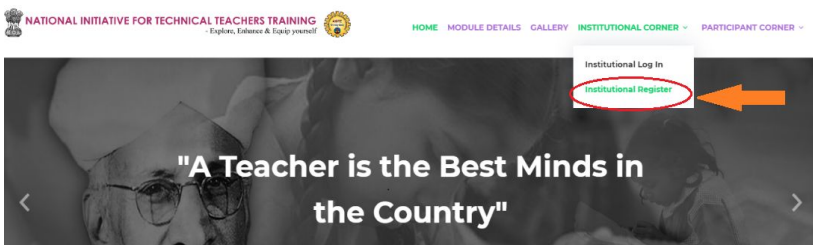
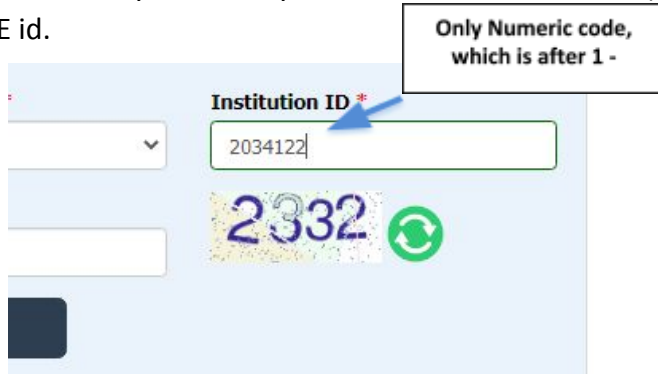


Figure 5.0 Institutional Registration Menu

Step -2: The Institutional head has to feed the basic details such as Name, Email-id, Mobile number, State, District, Institution

name, Institution ID and verification code. While entering the institution id, kindly enter only the numerical value after (1 -) in the AICTE id.



Institution ID *

2034122

Only Numeric code, which is after 1 -

2332

Figure 6.0 Institution Id

The Email-id has become a user id for login to the NITTT portal of their institution. After submitting the details, the Institutional head will receive an email in their corresponding email box which consists of the verification link, as shown in following figure.



Figure 7.0 Email Verification Link

Step-3: By clicking the verification link, the Institutional head will be redirected to the second phase of the registration process. In

the second phase of registration, the basic details which were provided in the first phase of registration were fixed in the corresponding field

The screenshot shows a registration form with a dark blue header bar containing the text "Basic Details (Head of the Institution)". This header bar is circled in red, and an orange arrow points to it from the right. Below the header, the form is divided into several sections with input fields: "Firstname" (value: RANJITH), "Middlename" (value: Middle Name), "Lastname" (value: KUPPAR), "Mobile" (value: 7502046228), "Email" (value: rnm@nittr.ac.in), "State" (value: Tamil Nadu), "District" (value: MAOJURAI), "Institution Name" (value: THAGARAJAR COLLEGE OF SF), and "Institution ID" (value: 158799).

Figure 8.0 Second phase of registration with basic details

Below the basic details of the institution, the institute head has to nominate the mentors for their institute to train the inductee teachers who have completed all the Stage-1 MOOCs of NITTT. While filling the mentors, it is better to have one mentor for each discipline of your institute. In the mentor details tab, the portal collects the details such as Name, Designation, Gender, Qualification, Department, Experience, email id and mobile number of the mentor for further communication.

The screenshot shows a table for entering mentor details. The text "Mentor details" is circled in red above the table. The table has columns for Name, Mobile, Email, Designation, Gender, Qualification, Department, and Experience. Each column has a corresponding input field. The Designation, Gender, and Qualification fields are dropdown menus. The Experience field is a dropdown menu with a value of "Experier". To the right of the table is a plus sign button, which is circled in red. Below the table is a dark blue "SAVE" button.

Figure 9.0 Mentor Details

While filling the mentor details, on the right side, a **plus button** to add more mentors for their institute. The mentors must be

senior faculty of the department. After filling the mentor details, the institution head has to enter the industry's details.

The screenshot shows a web form titled "Industry Details". The form includes the following fields: "Name" (text input), "State" (dropdown menu), "District" (dropdown menu), "City" (text input), and "PAN / GST Number" (text input). To the right of the "PAN / GST Number" field, there is a plus sign icon in a red circle. Below the fields is a dark "SAVE" button.

Figure 10.0 Industry details

During the mentor training programme, the participant will be provided mentorship guidance and industrial exposure . The institution may identify the nearby industries where the participant will be sent for industrial training. Further, if the institute is having any MoU with any of the industries, those industries also can be added in the industries details tab. The fields such as Name of the industry, State, District, City, Pan/GST Number have to be entered in the industry details. Add more industries by clicking the **plus button**. After filling the details of the industries, the institution head has to set the password for the login.

The screenshot shows a web form for setting login details. The title is "Login Password [Password Must Contain minimum 8 characters which includes One Numerical and One Special character]". Below the title are two password fields: "Password" and "Confirm Password". Below these are two address fields: "Address1" and "Address2". To the right of the address fields is a dropdown menu labeled "Institution type". The labels "Password", "Confirm Password", "Address1", "Address2", and "Institution type" are circled in red.

Figure 11.0 Set Password, Address and Institution Type

In continuation with the password, the institution head has to fill the address for communication and institution type among Govt., Govt. aided and Private. Finally, the institution head has to save all the details.

Step 5: The institution head may visit www.nittt.ac.in and go to the institutional corner for institutional login with the email id and password to go to the dashboard.

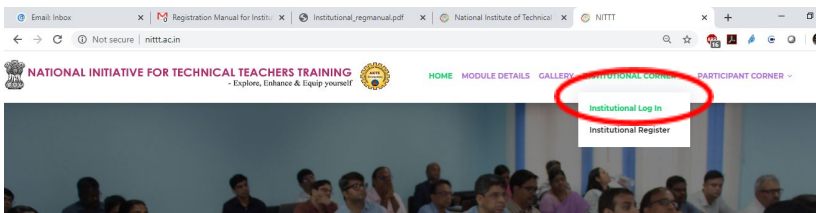


Figure 12.0 Institution Login

Through the institutional login, the institution heads to their dashboard. By filling the details of the email id as username, password and verify code. After the verification of the login privileges, the institution head will be redirected to the dashboard. In the login page, forgot password facility is also available, if the institution head forgot the password for the login. The forgot password is linked

A screenshot of the 'Institution Login' form. The form has a dark blue header with a white arrow icon and the text 'Institution Login'. Below the header, there are three input fields: 'Email *', 'Password *', and 'Verify Code *'. The 'Email' field contains the text 'Email'. The 'Password' field contains the text 'Password'. The 'Verify Code' field contains the text 'Verify Code'. Below the input fields, there is a CAPTCHA image showing the number '9342' and a refresh icon. At the bottom of the form, there is a dark blue 'LOGIN' button and a link for 'Forgot Password | Registration'.

with the email id.

NATIONAL INITIATIVE FOR TECHNICAL TEACHERS TRAINING
 - Explore, Enhance & Equip yourself

Institution Profile

Welcome RANJITH, Logout
 Institution : 987987 - SHARDA POLYTECHNIC COLLEGE
 State/District : Tamil Nadu - NILGIRIS
 Institution Type : SPM

Dashboard
 Edit Profile
 Change Password

Mentors List of Mentor

SNo	Name	Mobile	Email	Designation	Gender	Qualification	Department	Experience
1	rajith kumar	987043210	test@gmail.com	Professor	Male	B.E./B.Tech	IT	10-15 Years
2	raj	987043210	raj@gmail.c	Professor	Male	B.E./B.Tech	IT	5-10 Years

Candidates List of Candidates
 Nobody Register in this Institute!

Figure 13.0 Institution Dashboard

From the dashboard, the institution head may update their profile by adding their details such as mentor, industries etc., The dashboard also shows the participants who have registered for the stage-1 MOOC modules and nominated mentor list.

Note: If any query in the registration, please write to nittt@nitttrc.ac.in and cop to nittt@aicte-india.org about your issue. The contact email and mobile number is available in the www.nittt.ac.in.

FAQs

1. Who all are required to seek admission in Technical Teachers Training program?

All faculty of AICTE approved Technical Institutes having less than five years of Service and going to be aspiring teachers in the environment.

2. Are the Stage-I eight modules mandatory for the faculty members of the Polytechnic colleges?

The Stage-I eight modules are mandatory for those Lecturers of Polytechnic colleges, who have joined after 1st March, 2014.

3. Which all modules are to be cleared and the duration?

There are 8 online modules available on www.nittt.ac.in as follows –

MODULE 1: Orientation towards Technical Education & Curriculum Aspects (40 hours) MODULE

2: Professional Values, Ethics, Ecology & Sustainable Development (40 hours)

MODULE 3: Communication Skills, Modes and Knowledge Dissemination (20 hours)

MODULE 4: Instructional Planning and Delivery (40 hours)

MODULE 5: Technology Enabled Learning and Life-long Self-learning (40 hours)

MODULE 6: Effective Modes of Student Assessment and Evaluation (40 hours)

MODULE 7: Creative Problem Solving, Innovation and Meaningful R&D (40 hours)

MODULE 8: Miscellaneous Aspects (Institutional Management & Administrative Procedures) (40 hours)

The faculty has to clear the above mentioned modules, followed by Industry and mentor based training.

4. Is it compulsory?

Yes, for the purpose of clearing the probation and for the purpose of promotion.

5. What all am I supposed to do for successful qualification.

As per answer referred to Question 3 above, Successful completion of all the eight modules followed by Industry and mentor based training. For this one needs to log on to www.nittt.ac.in and post

registration, clear the Technical Teachers Training modules.

6. Within how much period, the modules are to be completed.

Registration is valid for a period of 03 years, and it is expected to clear the modules at the earliest so as to be eligible for completion of probation / promotion.

7. Is this a necessary condition for completion of probation?

Yes, after registering in the portal.

8. If I have completed Probation period, am I still mandated to do this modules.

Yes, for promotion.

9. Can higher level modules be done during Associate Prof's tenure, if I have completed my mandated modules?

Yes, separate modules to be completed

10. Are there any equivalence of these modules?

The same will be intimated on the portal.

11. Are Engineering, Architecture, Pharmacy, and agriculture, etc. graduates eligible to seek admission in the course?

Yes, all are eligible. Mandatory provisions are applicable only for faculty of AICTE approved Technical Institutes.

12. How do I register?

Log on www.nittt.ac.in and Carry out the registration process as per directions on the portal.

13. Do I have to pay?

Yes, online payment of Rs 2,000/- for one time registration valid for a period of three years followed by Rs 1,000/- for each module.

14. Should the candidate register each time before applying for an examination?

One time registration is only mandated by paying Rs 2,000/- which is valid for a period of three years. Post this a unique ID will be generated by the portal, by means of which one can apply for all the eight modules. During the period of three years, one can continue to apply for these modules till

successfully cleared (by payment of Tuition fees of Rs 1,000/- each per module applied every time)

15. How do I know if I have registered successfully?

A unique ID will be generated by the portal.

16. Can I pay fee offline?

No, it has to be paid online only.

17. When does the registration close?

The online registration portal is available throughout the year.

18. I am unable to upload Photo / Sign in my application. What should I do.

For any queries, please write to nittt@nitttrc.ac.in. with a copy to nittt@aicte-india.org . Mail your issue / query and you will be guided accordingly.

19. The registration or module fee Rs.2000 or Rs. 1000 debited from my account during the payment process, but the transaction still in the category of initiated or failure. What I have to do?

Kindly forward the transaction details which you have received in your mailbox from the payment gateway to nittt@nitttrc.ac.in. Your transaction will be updated within 24 hours.



NITTT





GALGOTIAS COLLEGE OF ENGINEERING AND TECHNOLOGY

1, Knowledge Park-II, Greater Noida, U.P.

GCET Mandate for Technical Teacher Training by AICTE

The AICTE has initiated “A Comprehensive Training Policy for Technical Teachers” for enabling new inductee teachers and the teachers into service with less than 5 years of teaching experience as on 01 March, 2019 to register under this policy.

The AICTE policy brings out character building, important facets of new teaching methodology and better and innovative means of transferring knowledge from one to another. The policy envisages eight training module of 40 hours (eight weeks) each. AICTE in collaboration with NITTTR has prepared eight module under first term of Faculty Induction Program (FIP).

1. Module 1: Orientation towards Technical Education
2. Module 2: Professional Ethics and Sustainability
3. Module 3: Communication Skills, Modes and Knowledge Dissemination
4. Module 4: Instructional Planning and Delivery
5. Module 5: Technology Enabled learning and Life Long Learning
6. Module 6: Student Assessment and Evaluation
7. Module 7: Creative problem solving, Innovation and meaningful R & D.
8. Module 8: Institutional Management and Administrative procedure.

Further, the registration is mandatory on NITTT.AC.IN domain for the purposes of certification and is applicable for the purposes of Probation/Promotion and it is mandatory for the new inductee teachers and the teachers into service with less than 5 years of teaching experience

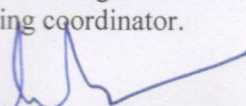
In this regard, NITTTRs have developed pedagogy modules for newly inducted technical teachers. The technical teachers have to undergo the pedagogy modules in the SWAYAM platform and get certificated from NITTT. The inductee teachers have to register in a web portal called “NITTT Portal” which is a vertical portal over SWAYAM platform.


Registration Link: www.nittt.ac.in

Important point to consider for Technical Teacher Training (FIP)

1. Every teacher appointed / promoted to any position here onwards with effect from the publication of this Government Resolution shall have to mandatorily undergo 8 online modules of MOOCs in SWAYAM as per the AICTE teacher training policy preferably within first year of service.
2. No newly appointed faculty member shall be completing the probation without getting the certification of completion of these 8 modules. The teacher training policy document may be downloaded from AICTE website.
3. The requirement of completing these modules as mentioned in this Government Resolution is applicable to all the incumbent teachers also while applying for promotion / selection to next higher cadre only once in the career.
4. Those who are eligible for promotions after the date of publication of this Government Resolution shall have to meet the necessary conditions such as additional qualification, undergoing industrial training, pedagogical training, faculty induction program, publishing research papers etc. However, these requirements shall be permitted to be fulfilled till 31st July, 2022 or within 3 years from the date of publication of this Government Resolution, whichever is later, so as to enable faculty members in equipping them for requisite mandatory requirements mentioned in this Government Resolution to avail the benefit of promotion retrospectively from the date of eligibility.

In this connection, all HoDs are required to prepare the list of eligible faculty that may undergo these online training courses as this is essential for their career and submit the same to GCET technical teacher Training coordinator.


Dr. Praveen Kumar Maduri
Dean Academics-GCET


Dr. Brijesh Singh
Director-GCET