Work Based Learning

Achieve your dreams with

- सीमेट MET
- certin Handling Computer Security Incidents
- रा.इ.सू.प्रौ.सं NIELIT
- SAMEER
- ERNET India Indian Research & Education Network
- C-DAC
- STQC गुणोत्कर्षे समृद्धि

Dear Sir/Mam

Greetings from CDAC, Mohali!

The Government of India has taken up various initiatives for the upliftment of Scheduled Castes (SCs), Scheduled Tribes (STs), Women and Economically Weaker Section (EWS) in the country. This includes scholarships, Free Coaching, Economic empowerment schemes and related activities. As the efforts in this direction is significant for upliftment of various sections of the society, there is a need to provide adequate opportunity for candidates to gain expertise and skills in Information Technology, Electronics and related domains which are expected to be leveraged in near future.

Considering these aspects **Work Based Learning (WBL) programme** in Niche/Emerging Technologies is a unique initiative to provide employability skills to the individuals of SC, ST, Women and EWS.

The Key Features of the WBL:
This programme will provide an opportunity to selected SC/ST/EWS/Women candidates to acquire Technical Knowledge Expansion; Real-time Working Skills; Technology Use; Problem Solving Skills; Reasoning; Ideation; Analytical Thinking; Interpersonal Skills, etc. in a professional work environment. This programme would aim to achieve the following:

- It facilitates SC/ ST/ EWS/ Women candidates for transition from college environment to the corporate world, and thereby provides them with a real-time exposure on niche technological project/ activity in organizations under MeitY.
- The Programme provides direct practical experience and exposure to Fresh Graduates Engineers on Niche Technologies thereby reducing the “deployable time” for both the candidate, as well as the prospective employer.
- It helps candidates attain stability between theoretical studies and realistic job exposure through hand-on expertise in Design/Developmental Skills, Requirement Analysis, Testing skills, Exposure to Standardization/QA etc.
- Helps in enhancing professional skills among the candidates in various areas such as problem-solving abilities; communication skills; presentation skills, confidence enhancement, individual grooming, enterprise etiquettes, etc.

Perks for the candidates

* Completion Certificate
* Stipend- INR 10,000 per month
* Placement Assistance

Eligibility: Students (SC, ST, Women, and EWS) who have passed B.E or B. Tech. or Equivalent (Computer Science, Electronics, Information Technology, Electronics, and Communication) or M.Sc. (Information Technology, Computer Science) or M.C.A. examination in the last year or in the current year or are pursuing 7th or 8th Semester currently are eligible to apply.

Period of Programme- **6 Months** (Next batch Commencing on- **Jan/Feb 2023**)

Some of the **Key technologies** that can be leveraged under the programme are:

- Artificial Intelligence (AI) and Machine Learning
- Robotic Process Automation (RPA)
- Quantum Computing • Augmented Reality & Virtual Reality (AR/VR)
- Block chain
- Wireless Networks (5G, Wi-Fi 6 etc.)
- Smart Mobility (Including Vehicular and Drone Technology)
- Internet of Things (IOT)
- Cyber Security and Cyber Forensics
- Big Data Analytics
- Digital Preservation
- Cloud Computing
- 3D Printing
- Flexible Electronics
- Emerging Memory/ Storage Technologies
- Machine vision (MV)
- CPU Design

Area of work / activities in the organization can include specific / targeted project work, capability building initiatives, design-based activities, developmental activities, research-based activities, etc.

Individual will get the opportunity to work on Live Projects and Technologies.

WBL is facilitated through **Seven (7) Organizations of MeitY i.e. CERT-IN, C-DAC, NIELIT, STQC, CMET, ERNET and SAMEER constituting of total 81 Centers or Units.**

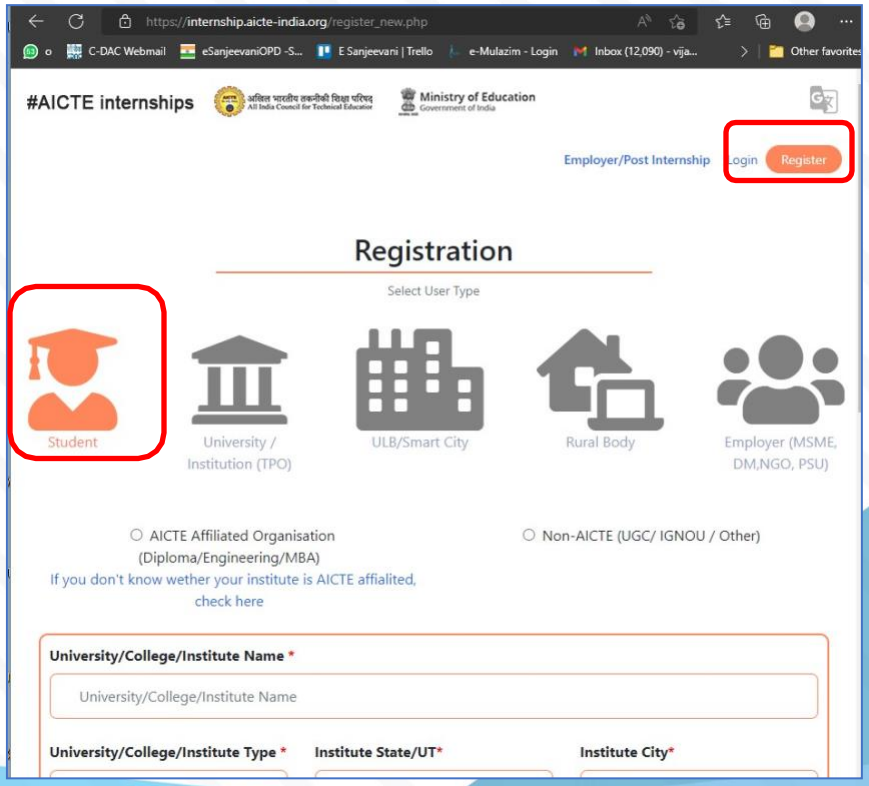
CDAC	**Bengaluru, Chennai, Delhi, Hyderabad, Kolkata, Mohali, Mumbai, Noida, Patna, Pune, Silchar, Thiruvananthapuram**
NIELIT	**Chandigarh , Ropar, Delhi , Gorakhpur, Lucknow , Haridwar, Srinagar, Jammu , Leh, Kurukshetra, Patna, Shimla, Agartala, Aizawal, Lunglei , Gangtok , Guwahati, Tezpur, Jorhat, Kokrajhar, Silchar, Dibrugarh, Imphal, Churachandpur, Senapati, Itnagar, Tezu, Pasighat, Kohima, Chuchuyimlang, Shillong, Tura, Kolkata, Ranchi, Calicut, Bhubneshwar, Chennai, Ajmer, Aurangabad, Daman and Pali**
STQC	**Delhi, Jaipur, Mohali, Kolkata, Guwahati, Bengaluru, Thiruvananthapuram, Chennai, Hyderabad, Mumbai, Pune**
SAMEER	**Mumbai, Kolkata, Chennai, Vishakhapatnam, Guwahati**
ERNET	**Delhi, Bengaluru, Chennai**
CMET	**Pune, Hyderabad ,Thrissur**
CERT-IN	**Delhi**

Please follow the following steps for Applying:

Step 1: Go to AICTE internship website (URL: https://internship.aicte-india.org).

Step 2 : Select "Register" then "Student" and Enter details like University/College/InstituteName and Candidate personal details and click on Register button on AICTE Internship portal.

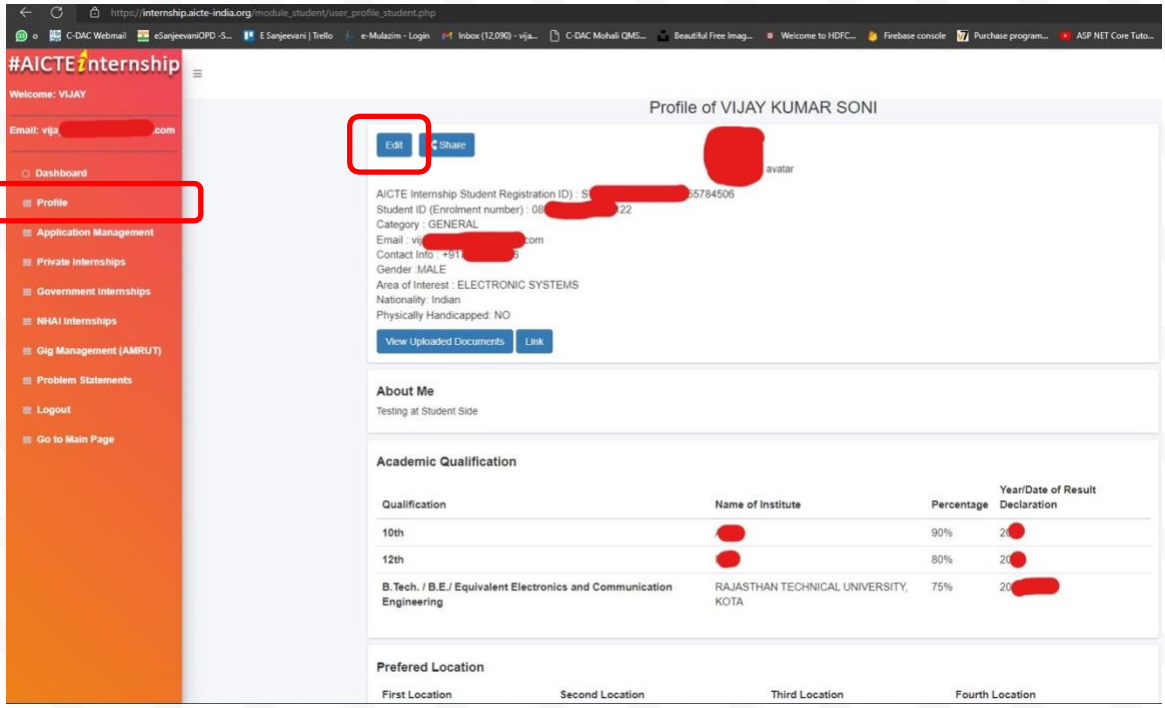
Note: If candidate belongs to SC, ST or EWS category then please select category and uploadCaste Certificate.



Step 3: After successful registration, Student will receive verification link on email addressprovided

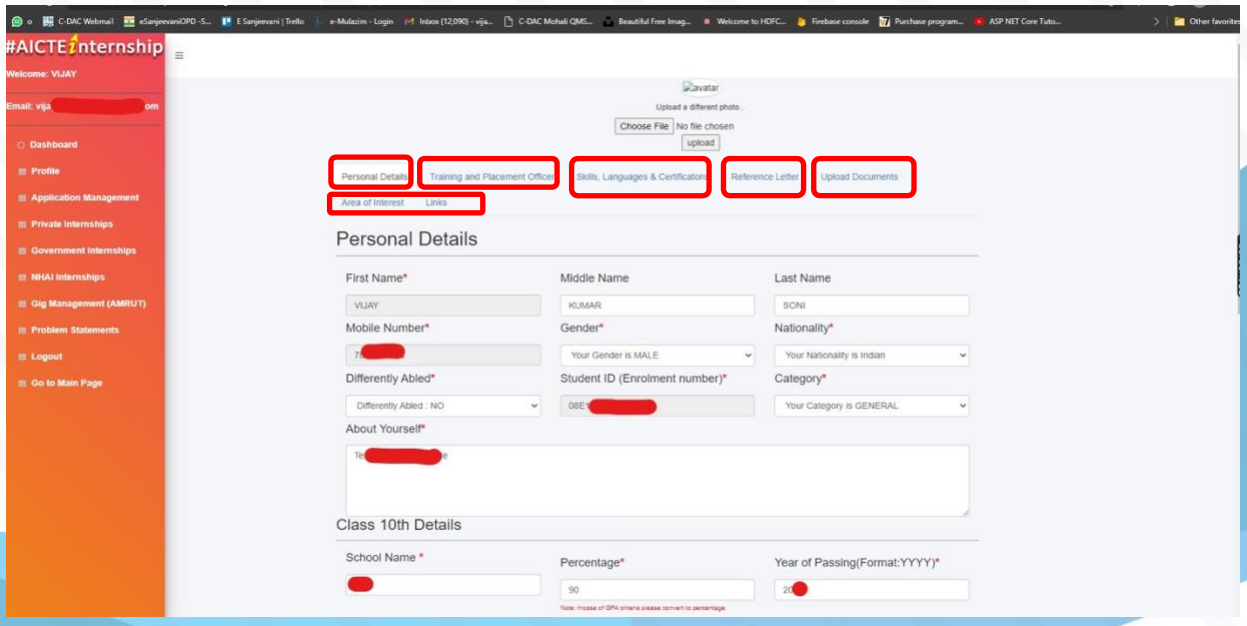
Step 4: Student will verify the registration by clicking on received link.

Step 5: After successful verification, Please login and select "profile" and enter your all details. Note: If you want to edit Profile, Please select "Edit" button and update profile.

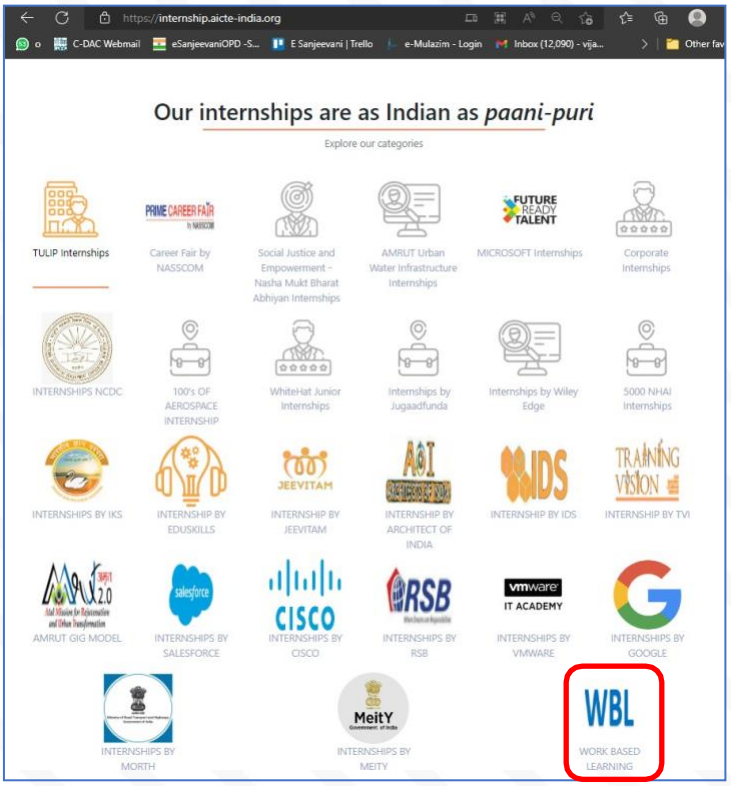


Step 6: Complete your Profile and upload all required documents and add four PreferredLocation

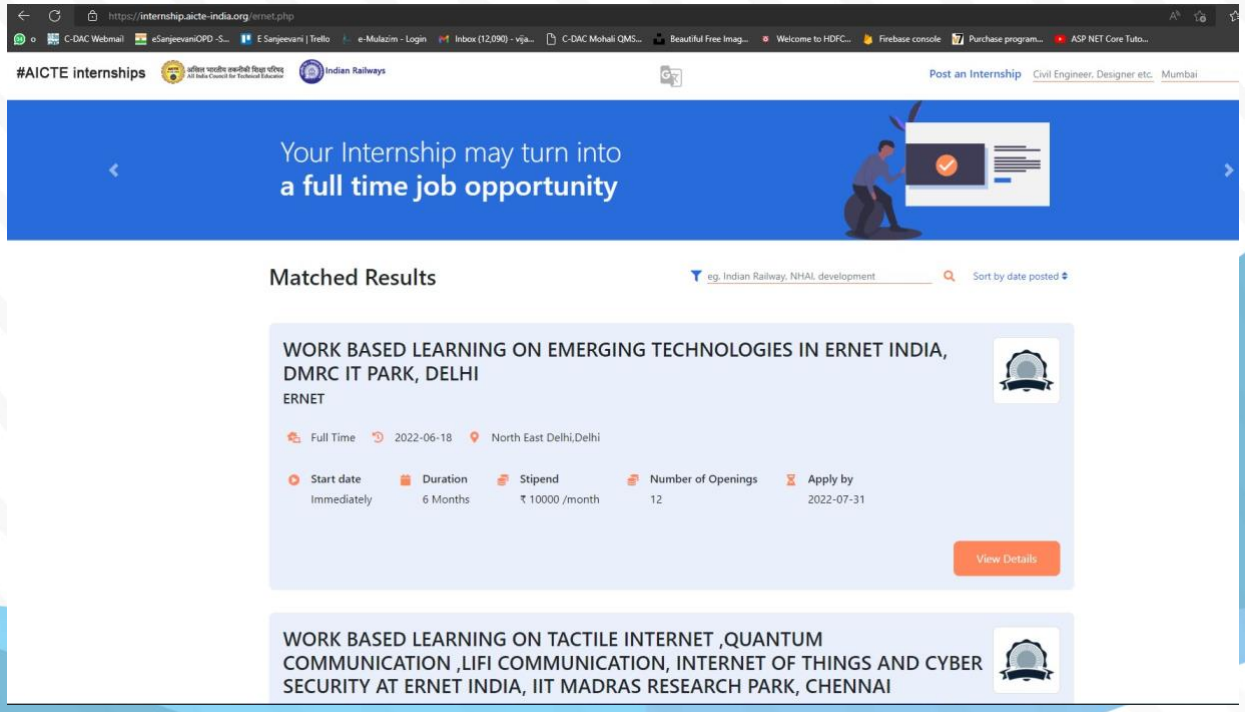
Note: WBL location should be in candidate's preferred location otherwise candidate will not beeligible to apply.



Step 7: After completing Profile, Please select "Go to main Page" or open home page of website(URL: https://internship.aicte-india.org) and then scroll down and select "WBL"

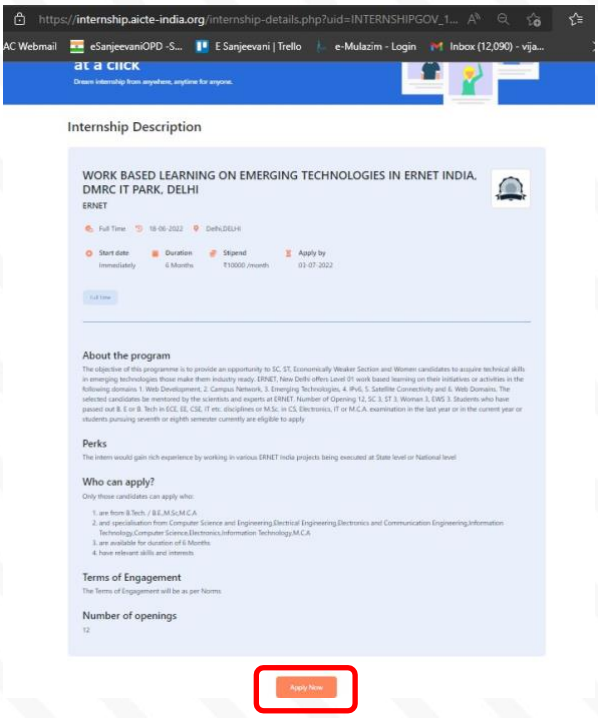
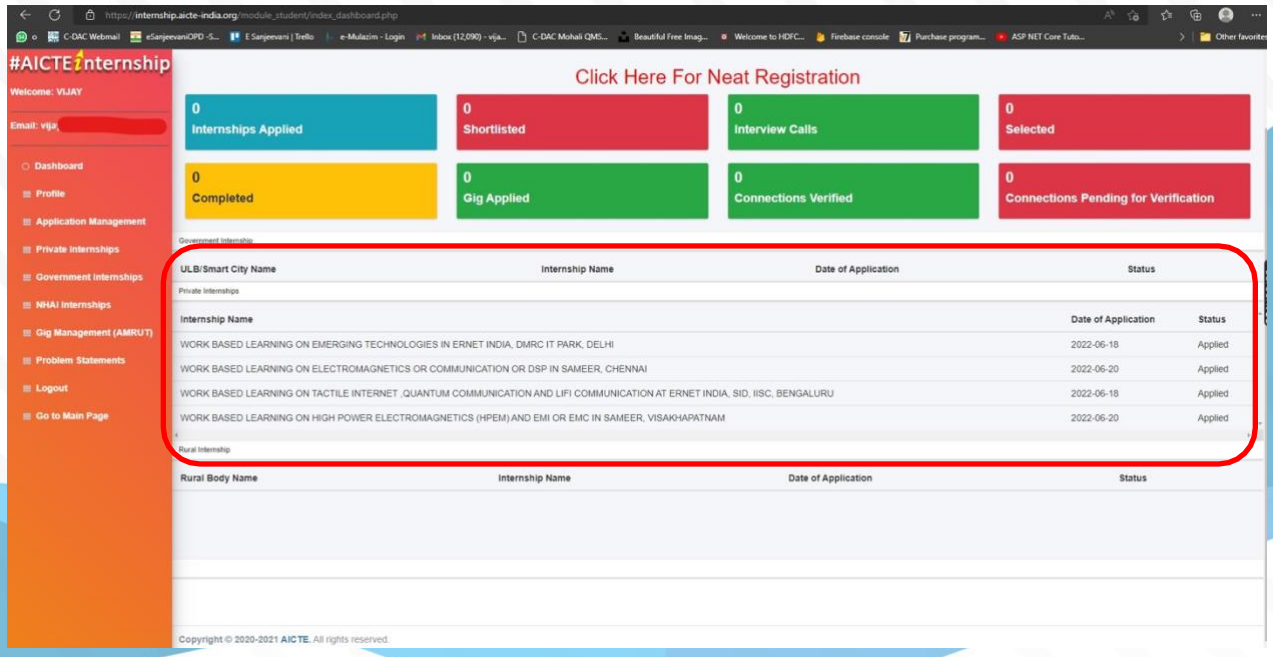


Step 8: Check all WBL internship advertisement posted on AICTE site. Please select "ViewDetails" Button for more details about WBL.



Step 9: Check the qualification and City of post and to apply for WBL select "Apply Now" then Select "Student" then "Confirm" and then enter your email id and password and Select "Login"button.

Note: If candidate receive error massage for location or education qualification then update thepreferred location and education qualification in profile according to advertisement if student want to select location and eligible for educational qualification.



Step 10: Student will receive a pop up message for successful apply for WBL and he can check applied internship on dashboard.