

Greetings of the day..

We hope this email finds you in the best of spirits in these tough times.

We are happy to inform you that 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

**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.**

These opportunities are available on AICTE internship portal.

**Internship Opportunities can be found here:**

<https://internship.aicte-india.org/ernet.php>

**It is requested to share this information among your student network and ask them to register on the portal and avail the benefits.**

We hope that our internship portal, which is entirely free of cost, will be helpful to your students in adapting to a transparent internship process and abundant access to real, credible and the most genuine opportunities.

For any clarifications, feel free to contact us.