

# **‘Lab Workshop on Embedded ‘C’ and Cortex Microcontrollers’**

(Jointly offered by NIELIT Calicut & ARM in association with NPTEL)

## **Frequently Asked Questions (FAQs)**

### **A. Nature of Workshop**

**1. Is the course fully online?**

Yes, it is a fully online workshop. Both theory and practical can be completed online.

**2. Is there a daily completion requirement for the course?**

No. You can pace your course progress and submit assignments before due dates.

**3. How can the participants clear live doubts?**

There is a discussion forum in our Learning Management System (LMS). Also there will be dedicated WhatsApp group per batch, to clear your doubts.

### **B. Eligibility**

**4. Who are eligible for the workshop?**

The workshop is open for Students, Industry Professionals, Recent Graduates and Faculty members.

**5. What are the prerequisites for attending the workshop?**

Basic Knowledge in Digital Electronics will be helpful

A stable broadband Internet connectivity is a must for attending this online workshop.

### **C. Registration & Payment**

**6. How can one make the payment and register for a Workshop Batch?**

Online Registration cum payment form, for the upcoming batch will be available at;  
<https://elearn.nptel.ac.in/product-category/partnering-courses/>

The same will be available at <https://nielit.gov.in/calicut/> as well.

### **7. What are the course deadline?**

Registration will be closed immediately on reaching the minimum number of registrations

Start date and other important dates, content, instructor details etc., will be mentioned in page course webpages.

## **D. Workshop Selection Process**

### **8. What is the criteria for selection?**

Selection is based on a 'First Come, First Served Basis' from among all eligible registrants.

## **E. Workshop Joining Procedure**

### **9. When & how do the registrants get intimation about the Selection?**

All successful registrants will receive Selection intimation email from NIELIT, by one day prior, to the start day of Workshop batch, they are enrolled for.

The intimation will be sent to the registered email ID of the participants. Candidates are advised to check both the INBOX and SPAM folder of their registered email account.

### **10. How do the participants access the workshop?**

The selection email will carry the login credentials as well as detailed procedure for attending lab workshop.

This included account details for Learning Management System (LMS) as well as for accessing remote hardware lab.

## **F. Workshop Timing Schedule**

### **11. What is the schedule for accessing the Lab resources?**

Normal lab timing is for 2 hours per day for each participant starting from 9 am to 6 pm in batches.

All lectures will be available for 24x7 flexible learning in the form of pre-recorded lectures. All essential demos for the lab also will be posted here.

All lectures are posted in the LMS to which the participants will be enrolled.

Login credentials for connecting to our server and doing the Practical works also will be shared along with the time slots. Where ever possible the use of open source tools will be utilized to enable the candidates do experiments using their personal computers.

## **G. Workshop Undergoing**

### **12. Is attendance mandatory for certification?**

Yes, Attendance is mandatory for certification.

### **13. How attendance is marked?**

Attendance is marked automatically, during your login to LMS.

All candidates are expected to login to the LMS regularly using the credentials (Username & password) to be sent by NIELIT.

Also your lab usage will be logged, regularly, at our side.

### **14. How to derive maximum benefit from this workshop?**

To derive maximum hands on experience it is expected that, each participant go through the lectures and complete the practice lab assignments, on a regular basis.

Devoting at- last 2 hour per day is highly recommended.

## **H. Workshop Assessment**

### **15. How do you evaluate the participants?**

Participants are evaluated based on credited assignment and exit test (online MCQ) 50 % Weightage is for successful submission of credited assignment/mini project.

50 % Weightage is for successful submission of exit test

Both these will be made available in the LMS

## **I. Workshop Certification**

### **16. Who certifies the successful participants?**

Workshop Certifications for successful participants are done jointly by NIELIT Calicut and ARM.

## **J. Role of Organizers**

### **17. What are the roles of NPTEL, ARM and NIELIT?**

This workshop is Organized Jointly by NIELIT Calicut (Under MeitY, Govt. of India) and ARM in association with NPTEL.

As this is partnering course, it is normal that your registration not getting in your NPTEL account dashboard.