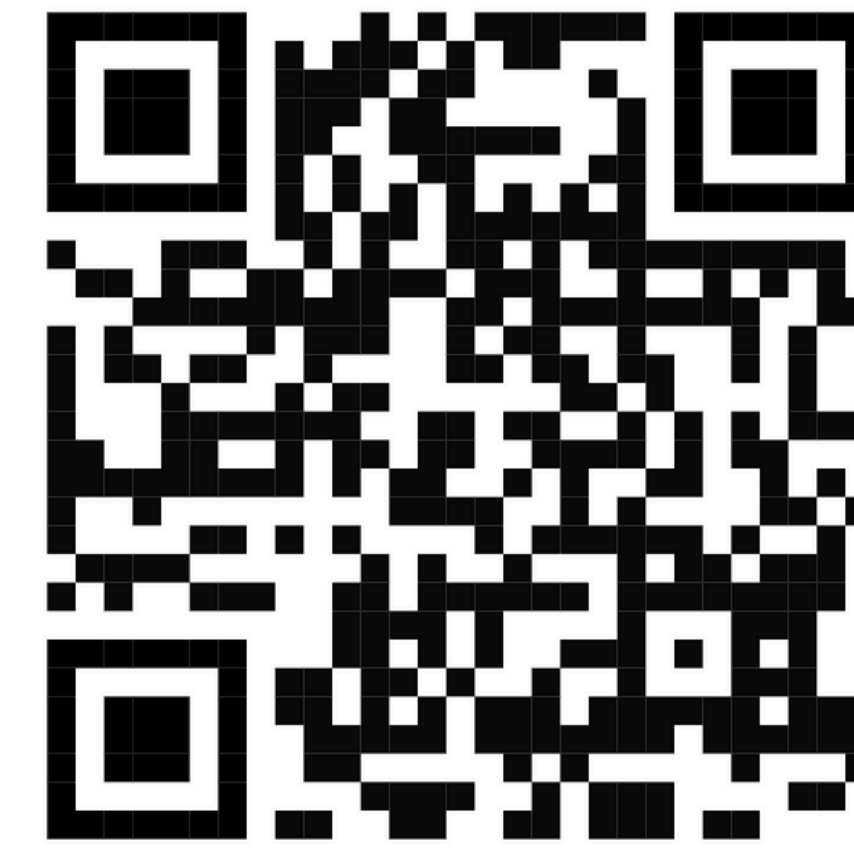


## EDUCATION AND TRAINING

C-DAC, Kolkata is a R&D organization of the Ministry of Electronics and Information Technology (MeitY), Government of India in the area of IT and Electronics. As an institution for high-end Research and Development (R&D), C-DAC, Kolkata has been at the forefront of the Information Technology (IT) revolution, constantly building capacities in emerging/enabling technologies and innovating and leveraging its expertise, calibre, skill sets to develop and deploy IT products and solutions for different sectors of the economy, as per the mandate of its parent (MeitY), ICT & Services Group at C-DAC Kolkata is engaged in Research, Development and Engineering projects. The group also executes projects on advanced ICT services. Advanced ICT training courses under "Advanced Computing Training School" (ACTS) are also managed by this group. All the activities of this group are aimed to develop and use ICT expertise towards building e-Society of the future.

### 1. Cyber Security and Ethical Hacking

Linux Operating System in Detail, Introduction to Vulnerabilities, Introduction to EH and Information Gathering Techniques, Scanning and Enumerating, Vulnerability Scanning, Hacking and Exploitation, SOC, Introduction to Web Security attack, Desktop Security. Pen-testing Report preparation, Project, Evaluation of the student.



Registration Form

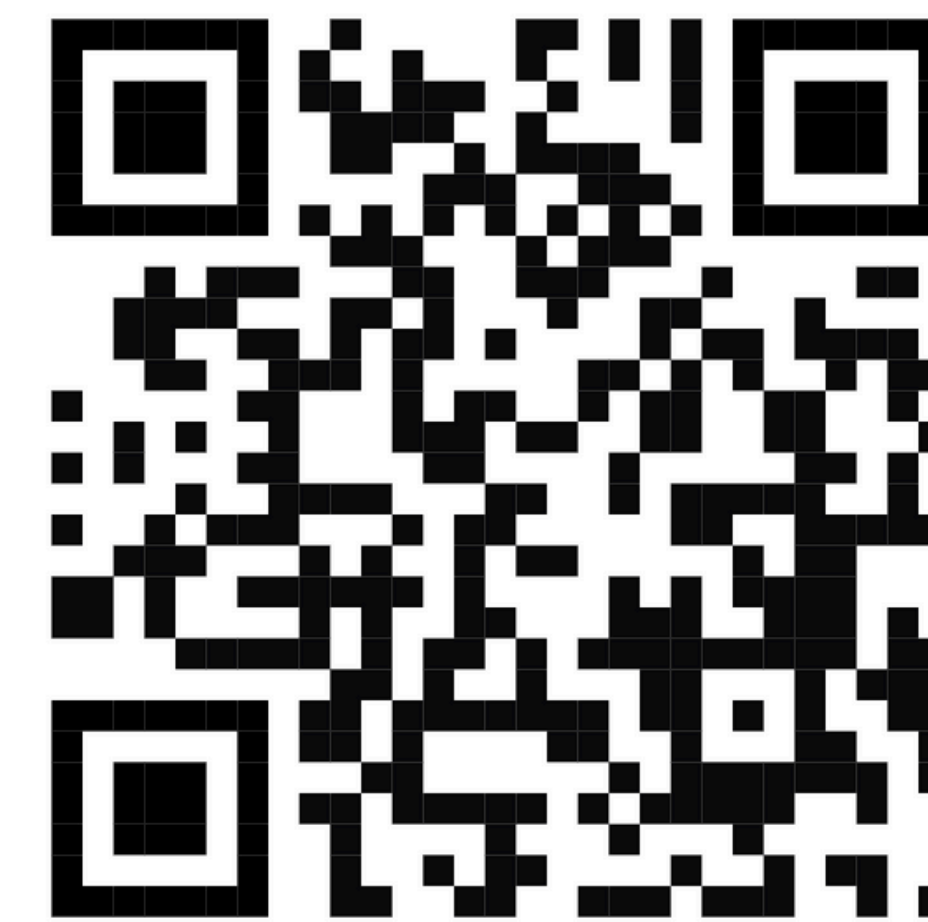


### 2. Application of IoT in Agriculture

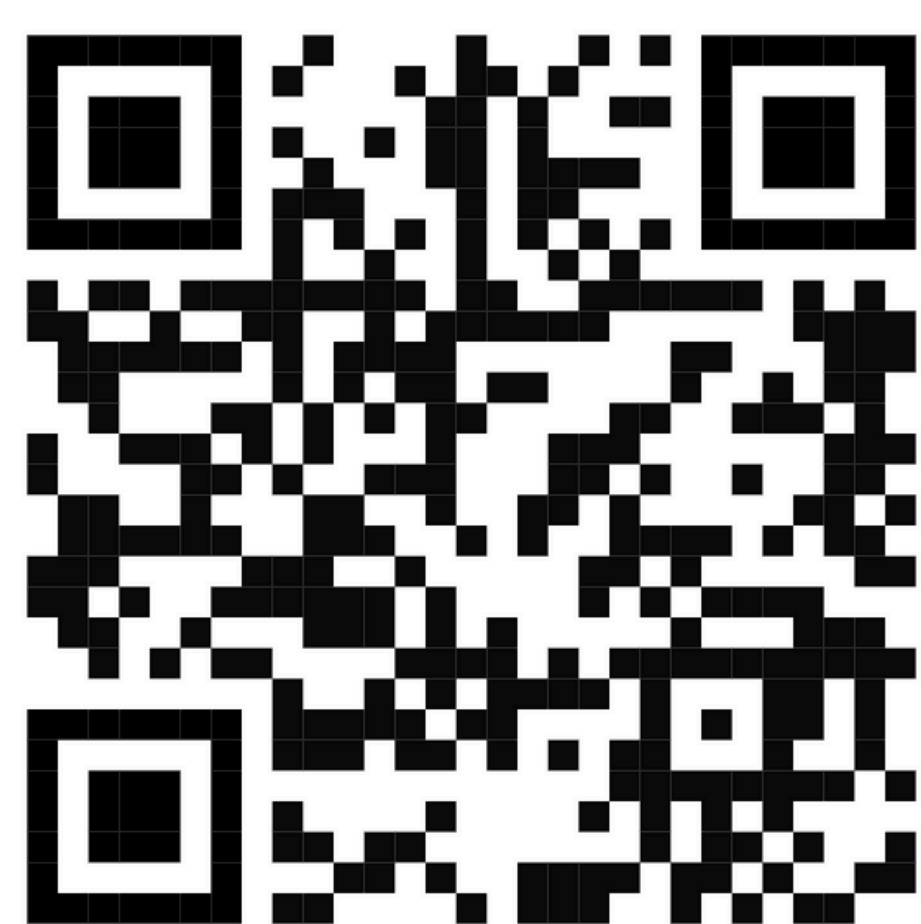
Introduction to IoT in Agriculture, Sensors and Actuators, Microcontrollers and Communication Protocols, Data Collection and Cloud Storage, Case Studies and Final Project.

### 3. Introduction to Artificial Intelligence and Machine Learning using Python

Introduction to Basic Python Programming, Fundamental of Artificial Intelligence, Practical Machine Learning, Deep Learning and Generative AI, Natural Language Processing and Image Processing, Project Work/Case Study.



Registration Form



Registration Form

### 4. Computational Linguistics using Python

Introduction to Language and Linguistics, Advanced Linguistics concepts, Application and Challenges of Computational Linguistics, Introduction to Python Programming, Computational Linguistics using NLP tools.

### 5. Industrial Robotics

Introduction to Robotics, Robotic Subsystems, Mechanical CAD Design, Motion Planning, Basic of AI, Project.



### 6. Biosensor & Bioelectronics Systems

Introduction to biosensor & bioelectronic, Bioreceptor types & details, Signal transduction mechanism, Surface modification & Introduction to nanotechnology, Data analysis of biosensor, Device fabrication & web application development, Application of biosensor, IP Protection, commercialization, Start-up opportunity, Project-Related Discussion work

**STARTING DATE OF COURSE : 7 TH JANUARY 2025**

**LAST DATE OF REGISTRATION : 6 TH JANUARY 2025**



## Eligibility Criteria

Knowledge of Computing Fundamentals and Fundamentals of Programming is essential.

Applicants (completed/on-going) should have either a four-year undergraduate degree in engineering / Master's Degree in Mathematics / Physics / Statistics / MBA (Systems) / MCA / DOEACC (A/B/C) level/ B.Sc., M.Sc.

(or)

Applicants with Post Graduation in Engineering or Science or Management or Computer related streams (completed/ongoing) can also apply.

Students pursuing degree in Science/ Engineering having basic knowledge of computer/programming/OS/Networking

There is no age restriction for admission to C-DAC's Certificate courses.

Admission is on First come First Serve Basis

Only Indian Citizen can apply

Have Your Laptop/ Desktop with Minimum 8GB RAM/512 GB HDD configuration to attend online classes for All the Courses

### Cyber Security and Ethical Hacking

Name : Shri Sangam Kumar Chaturvedi  
email id : sangam.chaturvedi@cdac.in  
course duration : 72 Hours / 6 weeks  
Course Fees: Rs 6000 + 18 % GST = RS 7080  
Contact no. : 98740 57057



### Introduction to Artificial Intelligence and Machine Learning using python

Name :Shri Bibekananda Kundu  
email id : bibekananda.kundu@cdac.in  
course duration : 72 Hours / 6 weeks  
Course Fees: Rs 6000 + 18 % GST = RS 7080  
Contact No. : 94764 16419

### Application of IoT in Agriculture

Name :Shri Sangit Saha  
email id : sangitsaha@cdac.in  
course duration : 50 Hours/ 6 weeks  
Course Fees: Rs 4500+ 18 % GST = RS 5310  
Contact no. : 8667726087



### Computational Linguistics using Python

Name : Smt Barnali Pal  
email id : barnali.pal@cdac.in  
course duration : 40 Hours / 6 weeks  
Course Fees:Rs 4500+ 18 % GST = RS 5310  
Contact No. : 9830790032 | 891 055 4858

### Industrial Robotics

Name :Shri Varun Shrotri  
email id : varun.shrotri@cdac.in  
course duration : 50 Hours/ 6 weeks  
Course Fees: Rs 4500+ 18 % GST = RS 5310  
Contact No. : 9819895684



### Biosensor & Bioelectronics Systems

Name : Shri Dr. Subhankar Mukherjee  
email id : Subhankar.mukherjee@cdac.in  
Name : Shri Dr. Souvik Pal  
email id : Souvik.pal@cdac.in  
course duration : 50 Hours / 6 weeks - 8 weeks  
Course Fees:Rs 4500+ 18 % GST = RS 5310  
Contact No. : 8777613517 | 8910230326

## Online Course Fees | scan QR for payment

Merchant Name: CDAC KOLKATA PROJECTS  
UPI ID: CDACPROJECT@SBI

**SCAN & PAY**

## Pay to CDAC Kolkata account (or) BHIM app

Account Number- 31924088646  
Account Name:- CDAC, KOLKATA-TRAINING  
Branch:- SALT LAKE ELECTRONIC COMPLEX BR  
IFSC Code:- SBIN0009985



### Important Notes :

1. *C-DAC Kolkata reserves the right to cancel any course in case of insufficient registration.*
2. *In all matters concerning admissions, the decision of C-DAC Kolkata shall be final and binding on all the candidates registered or about to be registered to the courses.*
3. *70% attendance is must for any course for getting certificate.*
4. *Selected student (/s) upon the completion of course will be offered unpaid free Internship for 3 Months, as per C-DAC, Kolkata norms.*
5. *Fees once Paid is not refundable.*
6. *After registration and fees payment, a confirmation email need to be sent to respective email-ID course coordinator.*
7. *Classes will be on working hours (weekdays).*
8. *Students appearing the final exam will only be awarded with the certificate.*
9. *Any changes to the date and time of the commencement of online courses will be determined by CDAC Kolkata and communicated to the candidates accordingly.*

### Step by Step process for registering to courses :

**Step1: Choose your interested course.**

**Step2: Check for criteria (contact if any query).**

**Step3: Pay the course fee (Via Bank online or BHIM UPI).**

**Step4: Open the google form against respective course.**

**Step5: Enter required details (transaction detail, etc....).**

**Step6: Mail the registration details to respective email-ID against the course coordinator.**

**Step7: Wait for the confirmation communication from C-DAC.**

**“Last Date of Online payment and registration: - 6th January 2025.”**

**\* Enter the transaction details after payment.**

**\*\*Admission form will be processed only after confirmation of course fee received.**

**“Selected students upon the completion of course will be offered for unpaid free internship at CDAC Kolkata for 3 months.”**