RAJIV GANDHI UNIVERSITY OF KNOWLEDGE TECHNOLOGIES-Basar

T&P Office/Notice/22-23/255 **Date: 10-04-2023**

Online courses in Cyber Security, Blockchain and 3D Printing by C-DAC

It is hereby inform to all E3, E4 Students and the faculty, that C-DAC is offering the online courses in Cybersecurity, Blockchain and 3D Printing, interested can register at:

https://forms.gle/pqfcbK5hfTo6YRG99

Registration will close at **4:00 PM on April 12, 2023.**

Centre for Development of Advanced Computing (C-DAC) is a scientific society of the Ministry of Electronics & Information Technology (MeitY), Government of India, carrying out Research and Development (R&D) in IT, Electronics, and associated areas. Different thematic areas of C-DAC's research include High Performance Computing, Cloud Computing, Multilingual & Heritage Computing, Quantum Computing, Artificial Intelligence, Professional Electronics, Strategic Electronics, Software Technologies, Cyber Security & Forensics, Blockchain, Additive manufacturing, Health Informatics, and Education & Training.

With experience in Cyber Security, Blockchain, and Additive Manufacturing, C-DAC Hyderabad is offering below mentioned self-paced online courses as part of FutureSkills PRIME, an initiative of the Ministry of Electronics and Information Technology (MeitY) & NASSCOM.

1. **Pragmatic Approach to Cyber Security**
2. **Introduction to Blockchain Technology**
3. **Introduction to 3D printing & CAD Modeling**

Pragmatic Approach to Cyber Security course builds core competencies focusing on Security Threats and Vulnerabilities, TCP/IP Cyber Security Perspective, Cryptography and Network Security, Network Defence, Overview of End System Security, Threat Modeling, Application Security, and Malware Analysis. Also, this course offers a virtual lab through which participants can gain hands-on training on various cyber security tools with the aim of detecting and mitigating cyber security threats.

Introduction to Blockchain Technology provides insights into Blockchain technology and its platforms. It provides an overview of the structure and mechanism of Blockchain. The participants will be able to understand how transactions are stored in a block and mined on a Blockchain. The course acts as a bridge for advanced deep-skilling courses. This course offers a virtual lab through which participants gain hands-on training on popular tools/platforms used in developing core Blockchain.

Introduction to 3D printing & CAD Modeling course equips IT and Non-IT Professionals with strong fundamentals in Additive Manufacturing. The course explains how additive manufacturing

technologies overcome the limitations of conventional manufacturing technologies and helps in building product prototypes & models.

Brochures of the above three courses are enclosed for your ready reference. All the courses are aligned to National Occupational Standards (NOS) defined under National Skill Qualification Framework (NSQF). Candidates who successfully complete the course will receive a course completion certificate from NASSCOM and also be eligible for receiving incentives as per Government of India norms.

Keeping in view the huge demand from various academic institutions, government departments, and industry, we are offering discounts and reducing the course fee. This is an EXCLUSIVE offer that applies only to the faculty/students nominated by the academic institutes and government departments for a limited period.

Sl. No	Course Name	Actual Course Fee in INR (inclusive of taxes)	Discounted Course Fee after applying PROMO code (inclusive of taxes)
1	Pragmatic Approach to Cyber Security	Rs 1200 /-	Rs 240 /-
2	Introduction to Blockchain Technology	Rs 1180 /-	Rs 118 /-
3	Introduction to 3D printing & CAD Modeling	Rs 4000 /-	Rs 400 /-

We will apply PROMO Code (Discount). After we upload nominated members details in the system, members can see discounted fees at the time of course enrolment. Kindly note that members NOT nominated by Rajiv Gandhi University of Knowledge Technologies (RGUKT) Basar need to pay the full course fee.

Sd/-

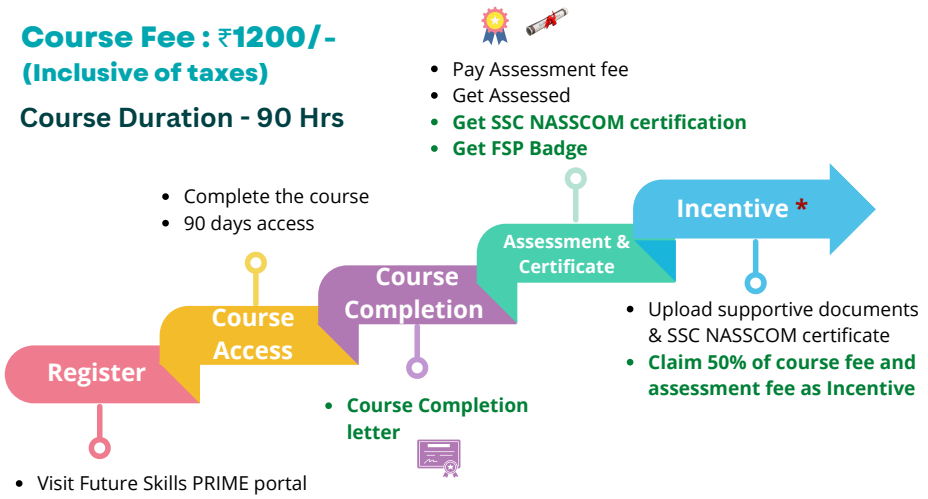
Training and Placement Office

PRAGMATIC APPROACH TO CYBER SECURITY

The objective of this course is to provide strong fundamentals in the Cyber Security domain. This course builds core competencies in the area of Network Security, End System Security and Application Security that act as a bridge between basic and advanced deep skilling courses. This course is **aligned to National Occupational Standards (NOS)** defined under the **National Skill Qualification Framework (NSQF)**. It also offers virtual labs through which the participants gain hands-on training on various security tools with an aim to detect and mitigate Cyber Security threats.

Course Fee : ₹1200/-
(Inclusive of taxes)

Course Duration - 90 Hrs



TARGETED PARTICIPANTS

- Central/State Govt Employees
- School Teachers
- Lecturers, Professors
- Police Officers
- Employees working in Banking/Financial Sectors
- Cyber Security Consultants and Auditors
- Working Professionals
- Fresh Recruits

SYLLABUS

- Linux Environment
- TCP/IP Cyber Security Perspective
- Security Threats & Vulnerabilities
- Cryptography and Network Security
- Overview of End System Security
- Overview of Network Defence
- Application Security
- Threat Modeling
- Malware Analysis

Upskill now

PRE-REQUISITES

- Familiarity with Linux Operating System
- Networking fundamentals

CONDUCTION MODE

- Online and self paced learning
- 90 day access to the online content and Virtual labs

Upskill now: https://futureskillsprime.in/course/pragmatic-approach-to-cyber-security

For further queries contact: csfs@cdac.in

Ministry of Electronics & Information Technology
Government of India

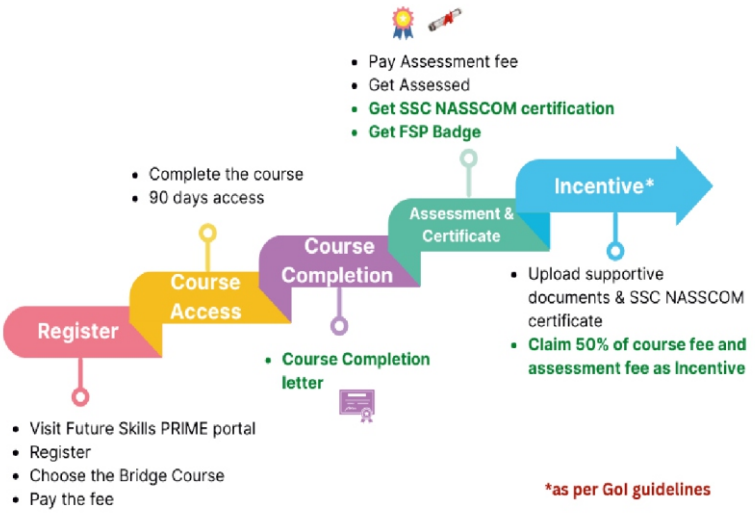
प्रगत संगणन विकास केन्द्र
CENTRE FOR DEVELOPMENT OF ADVANCED COMPUTING
इलेक्ट्रॉनिकी और सूचना प्रौद्योगिकी मंत्रालय की वैज्ञानिक संस्था, भारत सरकार
A Scientific Society of the Ministry of Electronics and Information Technology, Government of India
Plot No: 6&7, Hardware Park Sy. No.1/1, Srisailam Highway Raviryal (V & GP), Via Ragaanna guda, Maheshwaram (M), Ranga Reddy District, Hyderabad – 501510. Tel: 9248920201.

Registration Open Now

Introduction to Blockchain Technology

futureskills prime
A MeitY - NASSCOM Digital Skilling Initiative

Blockchain Certification Training course provides the participants with insights into Blockchain technology and its platforms. It provides an overview of the structure and mechanism of Blockchain. The participants will be able to understand how transactions are stored in a block and mined on a Blockchain. The course acts as a bridge for advanced deep skilling courses which are aligned to National Occupational Standards (NOS) defined under the National Skill Qualification Framework (NSQF). This course offers a virtual lab through which participants gain hands-on training on popular tools/platforms used in developing core Blockchain.



Course Syllabus:

- Introduction to Blockchain-Distributed Ledger Technologies
- How to Develop basic codes using blockchain tools/platforms
- Interpret the applications of blockchain across different industry verticals.
- Prior Learning Module (includes front end development approch through CSS, HTML, JavaScript, PHP and a database, Python/Go language/Java/ Node Js- Design process including Work flow and Problem solving approach)

Course fees:

Rs 1000 + GST (Till March 2023). The course fee may be revised after March 2023.

Eligibility Criteria

- Students of 3rd year and 4th year BTech, Mtech and MCA *
- Fresh Recruits - Internship/ Apprenticeship
- Faculty
- Working Professionals (IT /Non IT)
- Employees of Central and State Government

*They will be applicable for incentive program only if they have internship/ Apprenticeship certificate

Prerequisites:

Basic programming skills and proficiency in any programming language such as Java, C++, or Python

Mode Of Conducition

- Online and self-paced Learning
- 90 days access to online content

Registration Link:

https://futureskillsprime.in/course/introductionto-blockchain-technology

Contact us:

bctfs@cdac.in

FutureSkills Prime & the Government of India are proud to introduce the first-of-its-kind incentive program for digital upskilling
This incentive program will help eligible candidates(T&Capply) upskill in the paid Blockchain course while earning 50% reimbursement on completion

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Government of India

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CENTRE FOR DEVELOPMENT OF ADVANCED COMPUTING
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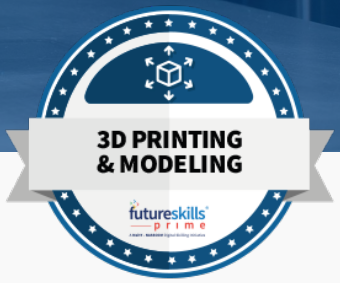
Introduction to 3D Printing & CAD Modeling

Get your Badge Now!



On the cousre fee, get
Discount of 90%
Limited time offer

Course fee: INR 4000/-
Discounted fee: **INR 400/-**

Course Duration
90 Hours

Certification By
SSC NASSCOM

Upskill By Incentive

DIGITAL SKILLING
GOVT. OF INDIA INCENTIVES

Scan to Join

Course Curriculum

- **Introduction to Additive Manufacturing:**
  Evolution of Additive Manufacturing/3D Printing, Various 3D Printing Technologies as per ASTM and Fused Deposition Modelling (FDM) in detail.
- **CAD Modeling**
  Creating Supportless Designs, Optimizing design for orientation and Design for accuracy and fit.
- **Prototyping using 3D Printer**
  Design guidelines for printing, Designing instant assemblies, Converting CAD model to .STL format and Print Parameters.

Course Highlights

- The course explains how Additive Manufacturing technology overcomes the drawbacks of traditional manufacturing technologies.
- Fee discount of **90%** is provided. **Click here to know more**
- Course offered by C-DAC Hyderabad.
- Target audience are Students, Faculties, Fresh Recruits, Interns, Apprentices and Employees of IT & Non IT firms (Private & Govt).
- Eligible for GOVT. OF INDIA Incentives - **First come first serve** on completion of assessment & certification as per GOI guidelines. **Click here to know more.**

For further queries contact: **3dprinting@cdac.in**

Click here to Join Now!!!