

COURSE PROSPECTUS

Name of the Group : Advanced Computing Services Division
Name of the Course : Junior Cyber Security Associate
 NSQF aligned course of Level 4
Course Code : QG-04-IT-00351-2023-V1-NIELIT
Mode of Conduction : Online
Starting Date : 10th Jun 2024
Duration : 450 hours / 3 Months
Course Coordinator : Arun Mohan, 7907121182/ Sini S Nair, 9447335996
No. of Seats : 30 Seats

Objective of the Course:

The course 'Junior Cyber Security Associate' will come across study topics like Cryptography, Anatomy of Ethical hacking, and Network Security that would provide the participants with a sound foundation with regards to the field of Cyber Security thus increasing the chances of employability. This program aimed at molding candidates with Skilled Cyber Security and Ethical Hacking knowledge to maintain the Security of Systems and Networks in today's scenario.

Course Structure:

Sl. No	Module Title	Duration (Hours)		
		Theory	Lab	Total
1	Fundamentals of Network and Operating System	30	60	90
2	Fundamentals of Cyber Security	50	100	150
3	Cryptography and Ethical Hacking	25	35	60
4	Network and Infrastructure Security	15	15	30
	Total	120	210	330
7	Employability Skills (B)	60		
8	Project	60		
	Total Duration/Credit	450		15

Career Progression Path on completion of the course

Academic:

Horizontal:

Level 4: Courses in Cyber Security: Foundation course in Information Security

Vertical:

Level 5: Cyber Security and Social Media Analyst

Level 6: Courses in Cyber Security: Information Security Specialist

Level 7: Courses in Cyber Security: Certificate Course in Ethical Hacking and Information Security

Professional:

Cyber Security Assistant-> Junior Cyber Security Associate-> Cyber Security Associate

Other Contents

I. Course Fees:

Course fee is Rs. 22,700/-

II. Registration Fee:

An amount of Rs.1000/- (including all taxes as applicable)(nonrefundable) should be paid at the time of registering for the course.

If the student enrolls in the course, this fee will be included as part of the course fee.
If the student does not enroll in the course, the fee paid will be forfeited.

However the registration fee shall be refunded on few special cases as given below

- Course postponed and new date is not convenient for the student
- Course cancelled in advance, well before the admission date

III. Course Fee Installment Structure:

Students can pay the full fees as per the schedule below

Fees	*Amount	Due Date (on or before)
Registration Fee	Rs. 1000/-	30/05/2024
Course Fee	Rs. 22700/-	05/06/2024
NSQF Course Registration fee	Rs 236/-	
NSQF Theory Exam fee	Rs 1180/-	
NSQF Practical Exam fee	Rs 354/-	
NSQF Project Evaluation Fee	Rs 590/-	
Total Fee	Rs. 25060/-	

*Above fees are inclusive CGST 9% and SGST 9%, and revision, if any by Government shall be applicable at the time of payment.

For more details on course and examinations please refer Qualification file

[Link to Course QUALIFICATION FILE](#)

IV. Eligibility :

- 12th grade pass OR Completed 2nd year of 3-year diploma (after 10th) and pursuing regular diploma in CS/IT/EC/EE/ allied branches
- 10th grade pass plus 2-year NTC in IT-ITeS sector OR 10th grade pass plus 1-year NTC plus 1 year NAC in IT-ITeS sector
- 10th grade pass and pursuing continuous schooling
- Previous NSQF Level-3* with 2 Years of experience in IT-ITeS Sector

V. Number of Seats: 30

VI. Selection of candidates: Based on marks in the qualifying exam.

VII. Test/Interview (*if applicable*): *Not Applicable*

VIII. Certificate Verification/Admission in Online Mode: 05-06-2024

IX. Important Dates:

Last date for applying: **30-May-2024**

Selection intimation through mail/website: **31-May-2024 (After 5.00 PM)**

Certificate Verification/Admission: **05-Jun-2024**

X. Course Timings:

Live sessions covering Theory will be scheduled between 9.30 am to 1.00 pm and practical support will be provided between 2.00 pm to 5.00 pm on all working days excluding Saturdays, Sundays and National Holidays. Prerecorded videos /Recorded videos of live sessions can be viewed at any time of your convenience. Assignments and projects can be done at any time of your convenience and submitted before the deadlines provided.

XI. Placement: Placement assistance will be provided

XII. NIELIT NSQF Examination

To get NIELIT NSQF certification, participants should pass the examinations. Participants should attend the online theory and practical examinations conducted by NIELIT HQ New Delhi, from either NIELIT Calicut or from the nearest NIELIT accredited/facilitation Centre.

XIII. Certificate

Successful candidates will be issued certificates by NIELIT HQ, New Delhi through certificate.nielit.gov.in.

For candidates who do not attend/fail the online NSQF examination as per the norms, only digitally signed course completion certificate shall be issued (subject to fulfilling all the mandatory requirements mentioned under 'Terms and Conditions' below) by NIELIT Calicut to their registered e-mail ids.

XIV. Lab Facilities:

The IT Lab is equipped with Intel Xeon Dual Processor based servers from HP, IBM, DELL, HCL, managed gigabit switches and more than 100 networked PCs with internet facility. SaaS, PaaS and IaaS open source cloud servers. A variety of software is available which includes various flavors of Windows and Linux Operating Systems like Windows, RedHat Enterprise Linux, Kali Linux, OpenStack, CloudStack, OpenVAS/Nessus and various commercial and open-source development tools, database and cloud servers.

XV. Course Contents:

[Detailed Course Syllabus /Contents Link](#)

XVI. Terms & Conditions

1. After the commencement of the course, candidates have to register in NIELIT portal at student.nielit.gov.in for course registration and later for exam registration, as per the guidelines issued by the course coordinator.
2. In case any registered candidate could not attend the online session due to technical issues on their side there will not be any refund of the course fee and the sessions will not be repeated
3. In case the online course is cancelled /postponed due to some technical issue at NIELIT side and the new date is not convenient to the candidate, our liability is limited to the refund of the course fee and NIELIT shall not be responsible for any consequential damages.
4. No course/exam fee shall be refunded to candidates not attending/failing the examination. Only completion certificate shall be issued to such candidates subject to fulfilling all mandatory requirements mentioned below.
5. 60% attendance and feedback submission are mandatory for awarding ‘successfully completed certificate’ and is also subject to the candidate passing the exit test with minimum 50% marks.
6. Candidates failing in any of the NSQF examination components (theory/practical) can reappear for the failed component alone by paying the requisite fee.