



Society of St. Francis Xavier, Pilar's
Fr. Conceicao Rodrigues College of Engineering
Fr. Agnel Ashram, Bandstand, Bandra (W), Mumbai – 400 050
(Autonomous College affiliated to University of Mumbai)



RULE BOOK FOR SKILL BASED TRAINING, INTERNSHIPS AND PLACEMENTS

REVISION: FRCRCE-1-24

Effective from Academic Year 2024-25
Academic Council Approval: 16/03/2024



Prof. (Dr.) Deepak Bhoir
Dean Academic

DR. SURENDRA RATHOD
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Preamble:

NEP 2020 states that “*Vocational education will be integrated into all school and higher education institutions in a phased manner over the next decade. A National Higher Education Qualification Framework (NHEQF) is formulated in sync with the National Skills Qualifications Framework (NSQF) to ease the integration of vocational education into higher education.*” Fr CRCE considers this provision as an opportunity to enhance industry connect and contribute in employment generation for the society.

The National Education Policy (NEP), 2020 suggests that students must actively engage with the practical side of their learning as part of a holistic education to further improve their employability. It states that students at all HEIs will be provided with opportunities for internships with local industry and businesses as well as research internships with faculty and researchers at their own or other HEIs/research institutions.

In line with the NEP and tracing the provisions of NcrF, Government of Maharashtra has subsequently released two Government Resolutions (GRs) (NEP GR dated – 1. 20 April 2023, and 2. 4 July 2023) to reinforce NEP implementation and credit revision across Maharashtra HEIs. These GRs lay out detailed guidelines for curriculum interventions.

Also, All India Council for Technical Education (AICTE) has made implementation of Internship policy mandatory for students. While applying for Extension of Approval (EoA) it is desired that institute has already implemented compulsory internship for all final year students.

Fr. CRCE has taken a strategic move as a response to the NEP's call for students to engage with practical learning through internships, a practice proven to enhance employability and refine skill sets for the final year students from academic year 2024-25.

This document is created to provide comprehensive guidelines for learners, faculty, staff and administrators for implementing skill-based training, internship and placement policies.



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1. Skill based Training Courses:

As per NEP 2020, there shall be provision for NSQF compliant Skill-based Courses and internships for Exits at different Levels in Four Year Multidisciplinary Engineering Curriculum Framework. Also, Government of Maharashtra Resolution dated 4th July 2023, to implement multiple entry-exit policy, learner has to earn 8 (Eight) credits in work-based vocational courses or internship offered during summer vacation in addition to 4 credits from skill-based courses. GR also states that autonomous colleges shall hold interactive meetings with representatives of Industry Associations, MSME, Professional Organisations, Banks and Financial Institutions, NGOs, Sector Skill Councils etc for the facilitation of involvement of Industries in the smooth conduct of Internships programmes for all students.

Provision has been made in the curriculum framework for vocational skills development courses with a view towards obtaining local employment.

College faculty and staff shall identify courses from various sector skill councils (already listed in this document) and work towards collaborating with NSDC recognised training partners and assessment partners.

Following two courses are already planned to be offered by the college in forthcoming sessions:

1. Course: 'TV Repair Technician' Offered under project SPARK by **EDII (Entrepreneurship Development Institute of India) and Xiaomi Technologies Pvt Ltd.**
2. Course: 'Filmmaking and Screen Writing' offered by **Mr. Paul George, Director-Writer, VFX & Animation Consultant**

NSDC Identified Sector Skill Councils and Courses:

1. **ESSCI**-Electronics Sector Skill Council of India
2. **IASC**-Instrumentation Automation Surveillance & Communication Sector Skill Council
3. **MESC**-Media & Entertainment Skill Council
4. **IT-ITeS SSC**: Information Technology - Information Technology enabled Services (Sector Skill Council- NASSCOM Initiative)
5. **SCGJ**-Skill Council for Green Jobs
6. **ASDC**- Automotive Skills Development Council



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NSDC Qualification Pack for Sector: Automotive

S.No	Sector	QP Code	Name of the QP	NSQF Level
1	Automotive	ASC/Q1409	Automotive Engine Repair Technician Level 4	4
2	Automotive	ASC/Q1409	Automotive Engine Repair Technician	4
3	Automotive	ASC/Q1410	Auto Body Technician Level 3	3
4	Automotive	ASC/Q1411	Automotive Service Technician (Two and Three Wheelers)	4
5	Automotive	ASC/Q1411	Two-Wheeler Service Technician	4
6	Automotive	ASC/Q1412	Service Supervisor	7
7	Automotive	ASC/Q1605	Quality Controller	6
8	Automotive	ASC/Q1606	Workshop Manager	8
9	Automotive	ASC/Q1701	Sales Officer (Auto Components)	4
10	Automotive	ASC/Q1702	Area Manager (Auto Components)	7
11	Automotive	ASC/Q3501	CNC Operator / Machining Technician Level 3	3
12	Automotive	ASC/Q3501	Automotive Machining Operator	3
13	Automotive	ASC/Q3502	Machining Assistant/Helper Level 2	2
14	Automotive	ASC/Q3502	Automotive Machining Assistant	2
15	Automotive	ASC/Q3503	Machining Technician/ CNC Operator Level 4	4
16	Automotive	ASC/Q3503	Automotive CNC Machining Technician	4
17	Automotive	ASC/Q3505	Machine Shop Supervisor	5
18	Automotive	ASC/Q3506	Machine Shop Master Technician/Setter	6
19	Automotive	ASC/Q3510	Automotive Conventional Machining Technician	4
20	Automotive	ASC/Q3601	Vehicle Assembly Fitter	4
21	Automotive	ASC/Q3601	Automotive Assembly Technician	4
22	Automotive	ASC/Q3602	Assembly Line Supervisor	5
23	Automotive	ASC/Q3603	Assembly Line Machine Setter	6
24	Automotive	ASC/Q3604	Automotive Assembly Operator	3
25	Automotive	ASC/Q3701	Auto Component Assembly Fitter	4
26	Automotive	ASC/Q3801	Surface Treatment Technician Level 4	4
27	Automotive	ASC/Q3901	Heat Treatment Technician/Furnace Operator	4
28	Automotive	ASC/Q3902	Heat Treatment Shop Supervisor	5
29	Automotive	ASC/Q3903	Manager Heat Treatment/Metallurgist	6
30	Automotive	ASC/Q4001	Tool Room Designer	5
31	Automotive	ASC/Q5101	Product Conceptualization Engineer	6
32	Automotive	ASC/Q5102	Computer Aided Test Executive	6
33	Automotive	ASC/Q5103	Product Conceptualization Manager	7
34	Automotive	ASC/Q6306	Manager /Supervisor Manufacturing and R&D Quality Level 7	7
35	Automotive	ASC/Q6401	Method Study Executive	5
36	Automotive	ASC/Q6402	Industrial Engineer (Workstation Design)	4
37	Automotive	ASC/Q6403	Layout Engineer Level 5	5
38	Automotive	ASC/Q6404	Process Design Engineer Level 6	6
39	Automotive	ASC/Q6405	Equipment Designer Level 5	5
40	Automotive	ASC/Q6406	Process Try out Engineer Level 4	4
41	Automotive	ASC/Q6407	Manager Process Engineering	7



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42	Automotive	ASC/Q6408	Process Validation Executive	5
43	Automotive	ASC/Q6409	Process Try out Technician Level 3	3
44	Automotive	ASC/Q6501	Executive, Proto Manufacturing	4
45	Automotive	ASC/Q6502	Supervisor R&D Testing	5
46	Automotive	ASC/Q6503	Manager Testing Facility Level 6	6
47	Automotive	ASC/Q6504	In-charge Material Testing	6
48	Automotive	ASC/Q6505	Manager-PLM Level 6	7
49	Automotive	ASC/Q6801	Manager Maintenance Mechanical & Electrical Level 5	6
50	Automotive	ASC/Q6802	Maintenance Technician- Mechanical Level 4	4
51	Automotive	ASC/Q6802	Automotive Maintenance Technician- Mechanical	4
52	Automotive	ASC/Q6803	Maintenance Technician Electrical Level 4	4
53	Automotive	ASC/Q6803	Automotive Maintenance Technician- Electrical	4
54	Automotive	ASC/Q6804	Maintenance Technician-Electrical Level 3	3
55	Automotive	ASC/Q6805	Maintenance Technician-Mechanical Level 3	3
56	Automotive	ASC/Q8102	Product Design Engineer	6
57	Automotive	ASC/Q8103	Product Design Manager Level 7	7
58	Automotive	ASC/Q8301	Prototyping Engineer	6
59	Automotive	ASC/Q8302	Prototyping Manager	7
60	Automotive	ASC/Q8403	Test Engineer-Product/Vehicle	5
61	Automotive	ASC/Q8405	Testing Manager	7
62	Automotive	ASC/Q6809	Electric Vehicle Maintenance Technician - Electrical	4
63	Automotive	ASC/Q6307	Electric Vehicle Quality Control Inspector	4



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NSDC Qualification Pack for Sector: Electronics & Hardware

S.No	Sector	QP Code	Name of the QP	NSQF Level
1	Electronics & Hardware	ELE/Q0105	Manual Soldering Technician	3
2	Electronics & Hardware	ELE/Q1101	Business Development Executive	5
3	Electronics & Hardware	ELE/Q1201	VLSI Design Engineer	5
4	Electronics & Hardware	ELE/Q1301	Verification Engineer	5
5	Electronics & Hardware	ELE/Q1401	Physical Design Engineer	5
6	Electronics & Hardware	ELE/Q1402	Design-for-Test Engineer	5
7	Electronics & Hardware	ELE/Q1403	Embedded Product Designer-Technical Lead	6
8	Electronics & Hardware	ELE/Q1404	Embedded Full-Stack IoT Analyst	5
9	Electronics & Hardware	ELE/Q1405	IoT Hardware Analyst	5
10	Electronics & Hardware	ELE/Q1501	Embedded Software Engineer	5
11	Electronics & Hardware	ELE/Q1601	Testing and Validation Engineer	5
12	Electronics & Hardware	ELE/Q3101	TV Repair Technician	4
13	Electronics & Hardware	ELE/Q3107	Field Technician - Digital Camera	4
14	Electronics & Hardware	ELE/Q3108	Field Engineer - TV	4
15	Electronics & Hardware	ELE/Q3801	Electrical Design Developer	4
16	Electronics & Hardware	ELE/Q3901	Smartphone Assembly Technician	4
17	Electronics & Hardware	ELE/Q4001	Smartphone Assembly Inspector	5
18	Electronics & Hardware	ELE/Q4101	Sales Executive-IT Hardware	4
19	Electronics & Hardware	ELE/Q4201	Product Engineer	5
20	Electronics & Hardware	ELE/Q4605	CCTV Installation Technician	4
21	Electronics & Hardware	ELE/Q4606	Field Technician - Networking and Storage	4
22	Electronics & Hardware	ELE/Q4607	Service Engineer	5
23	Electronics & Hardware	ELE/Q4608	Access Controls Installation Technician	4
24	Electronics & Hardware	ELE/Q4609	Installation Technician - Computing and Peripherals	3
25	Electronics & Hardware	ELE/Q4610	Security System Service Engineer	5
26	Electronics & Hardware	ELE/Q4611	Security System Installation Technician	4
27	Electronics & Hardware	ELE/Q4701	IT Coordinator in School	4
28	Electronics & Hardware	ELE/Q5901	Solar Panel Installation Technician	4
29	Electronics & Hardware	ELE/Q5902	Solar PV System Installation Engineer	5
30	Electronics & Hardware	ELE/Q5903	Solar LED Technician	4
31	Electronics & Hardware	ELE/Q6001	PV System Maintenance Technician	4
32	Electronics & Hardware	ELE/Q6101	Design-for-Manufacture Engineer	5
33	Electronics & Hardware	ELE/Q6102	Electronic Hardware Design Engineer	5
34	Electronics & Hardware	ELE/Q6701	Battery System Design - Engineer	5
35	Electronics & Hardware	ELE/Q7901	Quality Engineer	5
36	Electronics & Hardware	ELE/Q8001	Installation and Service Engineer	4
37	Electronics & Hardware	ELE/Q8002	Calibration Engineer	4
38	Electronics & Hardware	ELE/Q8101	DTH Set Top Box Installation & Service Technician	4
39	Electronics & Hardware	ELE/Q8102	DAS Set Top Box Installation & Service Technician	4
40	Electronics & Hardware	ELE/Q8103	Repair Assistant Switches	4
41	Electronics & Hardware	ELE/Q8104	Mobile Phone Hardware Repair Technician	4



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42	Electronics & Hardware	ELE/Q8106	Digital Cable Technician -Access	4
43	Electronics & Hardware	ELE/Q8107	Digital Cable TV Technician- Network	5
44	Electronics & Hardware	ELE/Q8201	FPGA Design Engineer	6
45	Electronics & Hardware	ELE/Q8701	Systems Analyst (PCB Design)	5
46	Electronics & Hardware	ELE/Q8702	Systems Design Engineer	5
47	Electronics & Hardware	ELE/Q8703	PCB Design Engineer	4
48	Electronics & Hardware	ELE/Q9101	LED Light Design Engineer	5
49	Electronics & Hardware	ELE/Q9102	LED Light Design Validation Engineer	5
50	Electronics & Hardware	ELE/Q9103	LED Luminary Mechanical Assembly and Testing Technician	4
51	Electronics & Hardware	ELE/Q9201	Mechanical Assembly Operator	4
52	Electronics & Hardware	ELE/Q9301	LED Luminaries Testing & Measurement Technician	4
53	Electronics & Hardware	ELE/Q9302	LED Light Repair Technician	4
54	Electronics & Hardware	ELE/Q4601	Field Technician Computing And Peripherals	4
55	Electronics & Hardware	ELE/Q8704	PCB Manufacturing Engineer	5
56	Electronics & Hardware	ELE/Q8705	PCB CAM Engineer	5
57	Electronics & Hardware	ELE/Q7105	Mechatronics Maintenance Specialist	5
58	Electronics & Hardware	ELE/Q7107	Mechatronics Designer and System Integrator	6
59	Electronics & Hardware	ELE/Q7106	Robotics Automation Lead	7



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NSDC Qualification Pack for Sector: Instrumentation, Automation, Surveillance and Communication

S.No	Sector	QP Code	Name of the QP	NSQF Level
1	Instrumentation, Automation, Surveillance and Communication	IAS/Q3001	Instrumentation Technician (Control Valves)	4
2	Instrumentation, Automation, Surveillance and Communication	IAS/Q3003	Junior Instrumentation Technician (Process Control)	3
3	Instrumentation, Automation, Surveillance and Communication	IAS/Q3102	Instrumentation Technician (Process Control)	4
4	Instrumentation, Automation, Surveillance and Communication	IAS/Q5001	Calibration Technician (Thermal)	4
5	Instrumentation, Automation, Surveillance and Communication	IAS/Q5601	Industrial Automation Technician	4
6	Instrumentation, Automation, Surveillance and Communication	IAS/Q5602	Installer - Additive Manufacturing (3D Printing)	4
7	Instrumentation, Automation, Surveillance and Communication	IAS/Q5604	Programmable Logic Controller (PLC) Programmer and Trouble shooter	4
8	Instrumentation, Automation, Surveillance and Communication	IAS/Q5605	DCS Programmer and Trouble shooter	4
9	Instrumentation, Automation, Surveillance and Communication	IAS/Q5606	HMI / SCADA Programmer and Trouble shooter	4
10	Instrumentation, Automation, Surveillance and Communication	IAS/Q8005	Industrial Automation Specialist	5

NSDC Qualification Pack for Sector: Media & Entertainment

S.No	Sector	QP Code	Name of the QP	NSQF Level
1	Media & Entertainment	MES/Q0601	Graphic Designer	4
2	Media & Entertainment	MES/Q0701	Animator	4
3	Media & Entertainment	MES/Q0702	Social Media Executive	4
4	Media & Entertainment	MES/Q0703	Social Media Manager	5
5	Media & Entertainment	MES/Q0704	Search Engine Optimization Executive	4
6	Media & Entertainment	MES/Q0705	Search Engine Marketing Executive	4
7	Media & Entertainment	MES/Q0706	Digital Marketing Manager	6
8	Media & Entertainment	MES/Q3501	VFX Editor	4



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NSDC Qualification Pack for Sector:Green Jobs

S.No	Sector	QP Code	Name of the QP	NSQF Level
1	Green Jobs	SGJ/N1702	Optimize resource utilization at workplace	3
2	Green Jobs	SGJ/N1703	Adopt sustainable practices at workplace	5
3	Green Jobs	SGJ/Q0101	Solar PV Installer (Suryamitra)	4
4	Green Jobs	SGJ/Q0102	Solar PV Installer - Electrical	4
5	Green Jobs	SGJ/Q0103	Solar PV Installer - Civil	4
6	Green Jobs	SGJ/Q0105	Solar Proposal Evaluation Specialist	7
7	Green Jobs	SGJ/Q0106	Rooftop Solar Grid Engineer	5
8	Green Jobs	SGJ/Q0107	Solar PV Business Development Executive	5
9	Green Jobs	SGJ/Q0109	Solar PV Structural Design Engineer	5
10	Green Jobs	SGJ/Q0110	Solar PV Designer	7
11	Green Jobs	SGJ/Q0111	Solar PV Project Helper	2
12	Green Jobs	SGJ/Q0112	Solar PV Engineer	5
13	Green Jobs	SGJ/Q0114	Solar PV Project Manager (E&C)	7
14	Green Jobs	SGJ/Q0115	Solar PV Maintenance Technician - Electrical (Ground Mount)	4
15	Green Jobs	SGJ/Q0116	Solar PV Maintenance Technician - Civil (Ground Mount)	4
16	Green Jobs	SGJ/Q0119	Solar PV Manufacturing Technician	4
17	Green Jobs	SGJ/Q0201	Solar Lighting Technician	4
18	Green Jobs	SGJ/Q0202	E-waste Recycling Entrepreneur	6
19	Green Jobs	SGJ/Q2101	Improved Cook stove Installer	4
20	Green Jobs	SGJ/Q2102	Portable Improved Cook stove Assembler	3
21	Green Jobs	SGJ/Q2104	Portable Improved Cookstove Sales & Maintenance Executive	4
22	Green Jobs	SGJ/Q2105	Portable Improved Cookstove Distributor	6
23	Green Jobs	SGJ/Q6101	Recyclable Waste Collector & Segregator	4
24	Green Jobs	SGJ/Q6501	Manager- Waste Management (Elective: Biomass Depot/Compost Yard/Dry Waste Center)	6
25	Green Jobs	SGJ/Q8701	Technician - Paper Bag Manufacturing	3
26	Green Jobs	SGJ/Q8702	Paper Bag Maker	5



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NSDC Qualification Pack for Sector:IT-ITES

S.No	Sector	QP Code	Name of the QP	NSQF Level
1	IT-ITES	SSC/Q0101	Engineer-Technical Support (Level 1)	5
2	IT-ITeS	SSC/Q0101	Engineer-Technical Support (Level 1)	5
3	IT-ITES	SSC/Q0201	Application Maintenance Engineer	7
4	IT-ITES	SSC/Q0201	Application Maintenance Engineer	7
5	IT-ITES	SSC/Q0501	Software Developer	7
6	IT-ITeS	SSC/Q0501	Software Developer	7
7	IT-ITES	SSC/Q0502	UI Developer	7
8	IT-ITeS	SSC/Q0502	UI Developer	7
9	IT-ITES	SSC/Q0503	Web Developer	5
10	IT-ITeS	SSC/Q0503	Web Developer	5
11	IT-ITES	SSC/Q0504	Media Developer	5
12	IT-ITeS	SSC/Q0504	Media Developer	5
13	IT-ITES	SSC/Q0505	Technical Writer	5
14	IT-ITES	SSC/Q0505	Technical Writer	5
15	IT-ITES	SSC/Q0508	Junior Software Developer	4
16	IT-ITeS	SSC/Q0508	Junior Software Developer	4
17	IT-ITES	SSC/Q0509	Master Trainer for Junior Software Developer	6
18	IT-ITES	SSC/Q0701	Analyst	7
19	IT-ITES	SSC/Q0801	Infrastructure Engineer	5
20	IT-ITeS	SSC/Q0801	Infrastructure Engineer	5
21	IT-ITES	SSC/Q0901	Security Analyst	7
22	IT-ITeS	SSC/Q0901	Security Analyst	7
23	IT-ITeS	SSC/Q0903	Analyst Application Security	7
24	IT-ITeS	SSC/Q0904	Analyst Identity and Access Management	7
25	IT-ITeS	SSC/Q0905	Analyst Endpoint Security	7
26	IT-ITeS	SSC/Q0907	Analyst Compliance Audit	7
27	IT-ITeS	SSC/Q0909	Analyst Security Operations Centre	7
28	IT-ITES	SSC/Q0912	Penetration Tester	7
29	IT-ITeS	SSC/Q0912	Penetration Tester	7
30	IT-ITES	SSC/Q0917	Consultant Network Security	8
31	IT-ITeS	SSC/Q0917	Consultant Network Security	8
32	IT-ITES	SSC/Q0922	Forensic specialist	8
33	IT-ITeS	SSC/Q0922	Forensic specialist	8
34	IT-ITES	SSC/Q0923	Security Infrastructure Specialist	8
35	IT-ITeS	SSC/Q0923	Security Infrastructure Specialist	8
36	IT-ITES	SSC/Q0928	Architect Identity and Access Management	8
37	IT-ITeS	SSC/Q0928	Architect Identity and Access Management	8
38	IT-ITES	SSC/Q1101	Sales and Pre-Sales Analyst	7
39	IT-ITES	SSC/Q1301	Test Engineer	5
40	IT-ITeS	SSC/Q1301	Test Engineer	5
41	IT-ITES	SSC/Q1302	QA Engineer	7



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42	IT-ITES	SSC/Q4201	Product Design Engineer - Mechanical	7
43	IT-ITES	SSC/Q4202	Engineer Trainee	7
44	IT-ITES	SSC/Q4301	Design Engineer - PMS	7
45	IT-ITES	SSC/Q4401	Design Engineer - Engineering Analysis	7
46	IT-ITES	SSC/Q4501	Technical Writer	7
47	IT-ITES	SSC/Q4601	Software Engineer	7
48	IT-ITES	SSC/Q4601	Software Engineer	7
49	IT-ITES	SSC/Q4701	Hardware Engineer	7
50	IT-ITES	SSC/Q4801	Quality Engineer	7
51	IT-ITES	SSC/Q4901	Test Engineer - Software	7
52	IT-ITES	SSC/Q4901	Test Engineer-Software	7
53	IT-ITES	SSC/Q5001	Test Engineer - Hardware	7
54	IT-ITES	SSC/Q5101	Technical Support Engineer	5
55	IT-ITES	SSC/Q5201	Engineer-Product Lifecycle Management (PLM)	7
56	IT-ITES	SSC/Q6601	Design Engineer	7
57	IT-ITeS	SSC/Q6601	Design Engineer	7
58	IT-ITES	SSC/Q6702	Software Developer	7
59	IT-ITES	SSC/Q7001	Test Engineer	5
60	IT-ITES	SSC/Q7001	Test Engineer	5
61	IT-ITeS	SSC/Q8101	AI - Data Quality Analyst	6
62	IT-ITeS	SSC/Q8102	AI - Business Intelligence Analyst	6
63	IT-ITeS	SSC/Q8104	AI - Data Scientist	7
64	IT-ITeS	SSC/Q8106	AI - Data Engineer	7
65	IT-ITeS	SSC/Q8107	AI - Data Architect	8
66	IT-ITeS	SSC/Q8108	AI - Solution Architect	8
67	IT-ITeS	SSC/Q8109	Database Administrator	7
68	IT-ITeS	SSC/Q8112	Devops Engineer	6
69	IT-ITeS	SSC/Q8113	AI - Machine Learning Engineer	7
70	IT-ITES	SSC/Q8201	IoT - Product Manager	8
71	IT-ITES	SSC/Q8202	IoT - Solution Architect	7
72	IT-ITES	SSC/Q8203	IoT - Hardware Solution Designer	6
73	IT-ITES	SSC/Q8205	IoT - Software Analyst	6
74	IT-ITES	SSC/Q8206	IoT - Test Analyst	6
75	IT-ITES	SSC/Q8207	IoT - Security Specialist	7
76	IT-ITES	SSC/Q8208	IoT - Network Specialist	7
77	IT-ITES	SSC/Q8209	IoT - Control Room Operator	5
78	IT-ITES	SSC/Q8210	IoT - Domain Specialist	8
79	IT-ITES	SSC/Q8301	Cloud Consultant	7
80	IT-ITES	SSC/Q8302	Cloud Architect	7
81	IT-ITES	SSC/Q8303	Cloud Application Developer	6
82	IT-ITES	SSC/Q8304	Cloud Infrastructure Analyst	6
83	IT-ITES	SSC/Q8305	Cloud Migration Analyst	6
84	IT-ITES	SSC/Q8306	Cloud Administrator	6
85	IT-ITES	SSC/Q8307	Site-Reliability Analyst	6



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86	IT-ITES	SSC/Q8308	Cloud Risk & Compliance Officer	7
87	IT-ITES	SSC/Q8309	Cloud Security Analyst	6
88	IT-ITES	SSC/Q8401	Product Manager - Web & Mobile	7
89	IT-ITES	SSC/Q8402	Application Architect - Web & Mobile	7
90	IT-ITES	SSC/Q8403	Application developer - Web & Mobile	6
91	IT-ITES	SSC/Q8404	User Experience Designer	6
92	IT-ITES	SSC/Q8405	Mobile Device Management Analyst	6
93	IT-ITeS	SSC/Q8501	Marketing Operations Analyst	5
94	IT-ITeS	SSC/Q8502	Marketing Automation Specialist	6
95	IT-ITeS	SSC/Q8503	Marketing Content Writer	4
96	IT-ITeS	SSC/Q8601	RPA Consultant	7
97	IT-ITeS	SSC/Q8602	RPA Solution Architect	7
98	IT-ITeS	SSC/Q8603	RPA Technical Lead	7
99	IT-ITeS	SSC/Q8604	RPA Developer	6
100	IT-ITeS	SSC/Q8605	RPA Test Engineer	6
101	IT-ITeS	SSC/Q8606	RPA Implementation Specialist	6
102	IT-ITeS	SSC/Q8607	RPA Support Analyst	5
103	IT-ITeS	SSC/Q8701	Blockchain Consultant	8
104	IT-ITeS	SSC/Q8702	Blockchain Architect	8
105	IT-ITeS	SSC/Q8703	Core Blockchain Developer	7
106	IT-ITeS	SSC/Q8704	Blockchain App Developer	7
107	IT-ITeS	SSC/Q8705	Blockchain Test Engineer	6
108	IT-ITeS	SSC/Q8706	Blockchain Security Engineer	7
109	IT-ITeS	SSC/Q8707	Blockchain Administration/Support Analyst	6
110	IT-ITeS	SSC/Q8301	Cloud Consultant	7
111	IT-ITeS	SSC/Q8302	Cloud Architect	7
112	IT-ITeS	SSC/Q8307	Site-Reliability Analyst	6
113	IT-ITeS	SSC/Q8309	Cloud Security Analyst	6
114	IT-ITeS	SSC/Q8303	Cloud Application Developer	6
115	IT-ITeS	SSC/Q8304	Cloud Infrastructure Analyst	6
116	IT-ITES	SSC/Q8201	IoT -Product Manager	7
117	IT-ITES	SSC/Q8202	IoT -Solution Architect	7
118	IT-ITES	SSC/Q8205	IoT -Software Analyst	6
119	IT-ITES	SSC/Q8206	IoT -Test Analyst	6
120	IT-ITES	SSC/Q8207	IoT -Security Specialist	7
121	IT-ITES	SSC/Q820	IoT -Network Specialist	7
122	IT-ITES	SSC/Q8210	IoT -Domain Specialist	7
123	IT-ITES	SSC/Q8209	IoT -Control Room Operator	5
124	IT-ITeS	SSC/Q8306	Cloud Administrator	5
125	IT-ITeS	SSC/Q8308	Cloud Risk and Compliance Officer	7
126	IT-ITES	SSC/Q8801	AR/VR Consultant	8
127	IT-ITES	SSC/Q8802	AR/VR Architect	8
128	IT-ITES	SSC/Q8803	AR/VR Designer	6
129	IT-ITES	SSC/Q8804	AR/VR Developer	7



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130	IT-ITES	SSC/Q8805	AR/VR Test Engineer	6
131	IT-ITES	SSC/Q8806	AR/VR Researcher	7
132	IT-ITES	SSC/Q8807	AR/VR Infrastructure Engineer	7
133	IT-ITES	SSC/Q8808	AR/VR Support Analyst	5



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2. Internship Policy:

Following are the objectives of the Internships envisaged for the students:

- ✓ Exposing students to industrial environments that cannot be replicated in a classroom or lab.
- ✓ Providing opportunities to acquire and refine analytical and managerial skills crucial for a professional career.
- ✓ Offering hands-on experience in teamwork, thereby enhancing professional skills like communication, work ethics, conflict resolution, etc., with a lasting impact on lifelong learning and professional development.
- ✓ The general idea is to enable students to undertake immersive assignments within the organizations for a limited period.
- ✓ Establishing links between students and potential future job or research opportunities.

Methodology of Implementation of Internship Policy for Final Year Students of 2024-25:

A. Completion of Existing Credits:

1. Semester VIII will be conducted in Fast Track Mode during first week of July and winter vacation for completing Institute Level Elective common course to all the departments.
2. Each course will be conducted in a continuous training format for 10days (3hrs theory+2hours lab).
3. Honors course will be taken for two hours each day during Fast Track Mode.
4. Major project will be continued till the official semester end. Assessment of major project will be conducted in phase-wise manner. Students need to compulsorily present in person for each of the phases of assessment.
5. If required then provision for SWAYAM courses to be explored by departments
6. Assessments to be completed immediately after completion of all courses.
7. Release of Gazette and score cards will be only at the end of academic year

B. Internship Details:

1. Training and placement department shall contact companies and strive for providing Six months internship to all the students. Preference should be given to Internship & PPO during regular placement cycle in SEM VII.
2. Internships should be an integral part of the academic curricula. But for 2024-25 and 2025-26 batch of Final Year students, credit framework is already given by University of Mumbai. For student of these batches internship is last moment value addition and therefor it will not be a part of credit framework. College is providing this as an additional experiential learning opportunity for the students by considering Market demand, Industry demand, Government Resolutions and Student desire.



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3. Following are the types of internship opportunities that can be explored by students:
 - a. Offered by Industry Govt./ NGO/MSME
 - b. Research Institutes like BARC, TIFR, SAMEER and IITs
 - c. At various Incubation Centres
 - d. Internships offered through academic collaborations with Foreign Universities
 - e. Internships offered by reputed colleges with whom MoUs are signed for the collaboration and credit exchange
 - f. Or any other internship approved by HoI based on the merit of offer
4. All internships are subjected to approval of Head of the Institute. Students must take prior approval from college before starting internship
5. Students opting for Entrepreneurship or Start-up are exempted from internship; however, they have to work in the pre-incubation centre of the college to work for their start-up initiative with demonstrable output.
6. Students who wish to work on academic / industry research project (Rather than other internships) assigned under a faculty of Fr CRCE is allowed to do so provided details of work to be done and outcomes are clearly stated and approved by the college authorities.
7. Students can proceed for Internships from 15th Jan.
8. On the request of student college will issue successful completion certificate after achieving predefined approved milestones of Internship/Entrepreneurship/Research Project etc.
9. Student(s) / Mentor / Internship supervisor / TPO Cell have to maintain the details in the proforma published by Govt MH / GOI or its statutory bodies from time to time. The proformas at the time of publishing this document is given in the Appendix 1 - 9.

Student Resources:

Government Internship Programs:

- ✓ AICTE Internship: <https://internship.aicte-india.org/>
- ✓ NITI Ayog Internship: <https://www.niti.gov.in/internship>
- ✓ TULP Internship Program:
https://smarcities.gov.in/The_Urban_Learning_Internship_Program
- ✓ Digital India Internship:
<https://www.meity.gov.in/writereaddata/files/Digital%20Internship%20Scheme%202023%20%281%29.pdf>
- ✓ Directorate General of Foreign Trade Internship program:
<https://www.dgft.gov.in/CP/?opt=intership-scheme>
- ✓ National Commission for Scheduled Tribes Internship:
<https://ncst.nic.in/sites/default/files/2021/Internship/3677>



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- ✓ Corporate Affairs Ministry Internship program:
<https://www.mca.gov.in/bin/dms/getdocument?mds=aC%252B%252F82boz%252FD%252FdHcFkAAJOA%253D%253D&type=open>
- ✓ Finance Ministry Internship program: <https://dpe.gov.in/schemes/scheme-internship>
- ✓ Women and Child Development Ministry Internship program:
https://wcd.nic.in/sites/default/files/Internship%20Guideline.._0.pdf
- ✓ Ministry of Culture Internship programs: <https://nationalmuseumindia.gov.in/en/national-museum-internship-programme>

Online Platforms for Internships:

- ✓ Internshala: <https://internshala.com/>
- ✓ LetsIntern: <https://letsintern.in/>
- ✓ Twenty19: <http://twenty19.com.testednet.com/>
- ✓ HelloIntern: <https://hellointern.co/>
- ✓ Freshersworld: <https://www.freshersworld.com/>
- ✓ Youth4work: <https://www.youth4work.com/>
- ✓ Freshersnow: <https://www.freshersnow.com/internships-in-delhi/>
- ✓ Zuno by Foundit: <https://www.foundit.in/zuno/>
- ✓ LinkedIn: <https://www.linkedin.com/jobs/internship-jobs/?currentJobId=3647611763&originalSubdomain=in>
- ✓ Well Found (earlier, AngelList Talent): <https://wellfound.com/location/india>
- ✓ Indeed: <https://in.indeed.com/jobs?q=internships&l=&vjk=fd2d4f96a2564717>
- ✓ Naukri.com: <https://www.naukri.com/internship-jobs>
- ✓ TimesJobs: <https://www.timesjobs.com/jobs-by-roles/intern-jobs>
- ✓ NGO Box: https://ngobox.org/job_listing.php
- ✓ CSR Box: <https://csrbox.org/>



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3. Placement Policy:

Students and parents are requested to read this thoroughly before signing. Placement is a privilege to the students not a right. These guidelines are framed to ensure equality and fairness of opportunity to all the students. The guidelines try to ensure that maximum number of needy students getting campus placement. This document has to be signed by all Final year students & their parents before start of final academic year and handed over to the designated faculty in-charge.

This policy applies for the students participating in the campus Placement / Opting for higher studies / start-up / deferred placement / any another career option(s):

1. Students will be provided with placement assistance in the final academic year.
2. College suggests that all students interested in the campus placement to undergo training programs conducted by competent industry trainers as training increases success of placement(s).
3. The campus recruitment may happen on campus / off the campus at company office or pooled campus college as decided by college / company(s).
4. Recruitment process may be off-line / online (virtual) / hybrid (mixed) mode.
5. Students need to be ready for any of the modes of recruitment modes with required resources.
6. Students will be allowed to participate in any number of company(s) process as long as they do not get offer and they are serious, responsible, honest in each of the company(s) processes.
7. Offers are categorized based on CTC and/or Profile, For Academic year 2024-25, CTC band / categories are:

CTC	Offer Type	Profile
Less than 6 LPA	Normal	Any Profile
10 LPA or less	Dream	Any Profile
Further in the slabs of 5 LPA	Dream+	Any Profile
Any CTC	Core	Profiles for core branches Mech / Electronics etc

8. Eligibility criteria for any of the company(s) will be as decided by the visiting company.
9. Student(s) with offer in higher CTC band can't participate for companies which fall in lower CTC band irrespective of accepting or declining the higher CTC offer.
10. Student(s) can hold only one offer in any of the CTC bands irrespective of accepting or declining the offer.
11. Core offer students will not be eligible to participate further in any company(s) irrespective of accepting or declining the core offer.
12. Any interested student(s) who is having non-core offer in normal CTC band will be eligible for participating in Core company(s) process.



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13. Student selected in Dream or higher band, transcript / Letter of Recommendation will not be issued for one calendar year from the last date of their final examination irrespective of acceptance or rejection or leaving the job after joining.
14. College does not have control over the Role(s), Profile(s), Location(s), Joining date, employment terms & conditions of the company(s).
15. If the scheduled campus drive is cancelled by company(s), the college will not be responsible.
16. Student(s) who gets offer from Job portals / off campus drives / any other mode, on their own efforts are requested to inform the college about the same and such students campus placement status remains unchanged and interested students can continue to participate in the campus drives at the college.
17. Change of choice from campus placement to further studies category is permitted with prior permission from the Principal provided student does not have Dream / higher offer.
18. Any participating student(s) who is not serious / irresponsible / dishonest in any of the company(s) process will be disqualified and will not be allowed to participate in further company(s) processes.
19. All placed students have to submit copy of the offer letter / letter of intent to the branch faculty I/c for the purpose of office records.
20. Principal will have the discretionary powers to decide on any particular rule / company / student on a case to case basis keeping balance of interests of the college, student(s), company(s) and Principal's decision will be final.
21. Rules for further studies / any another career interest:
 - a) Any eligible interested student can participate in the bulk recruiter / other companies as decided by the college without blocking the transcripts / letter of recommendation.
 - b) Student can change their choice from further studies category to campus placement category with prior permission from the Principal.
 - c) Any student who has Dream or higher and / or core offer will not be eligible for the transcript & LOR for one calendar year from date of completion of the final examination irrespective of accepting, declining the offer or resigning from the job.
 - d) Students will be eligible for 1 Year deferred placement only if they have a start-up as per college start-up policy and / or through GOI funded incubation centre. These deferred placements are subjected to company(s) hiring policy.
22. All rules stated above will also be applicable to PPO offers secured through the college.



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Declaration by the student and parent(s)

I have read and understood the policy for the campus placement, higher studies and other career options.

1	I will be participating in the campus placement program **
2	I am opting for higher studies & give up campus placement **
3	I am opting for Start-up / Entrepreneur /deferred placement **
4	I have other career options and give up campus placement **

**** Strike out whichever is not applicable**

Roll No.: _____ Name: _____ Sign: _____

Dt: _____

Parent(s): _____ Name: _____ Sign: _____

Name: _____ Sign: _____

Office Use

	Faculty in-Charge	Head of the Department
Name		
Branch		
Signature & Date		