

Maharashtra State Board Of Technical Education, Mumbai																							
Learning and Assessment Scheme for Second Year Exit																							
Programme Name		: Diploma In Computer Engineering																					
Programme Code		: CO										With Effect From Academic Year							: 2023-24				
Duration of Programme		: 6 Semester																					
Second Year Exit - NCrF Level : 4											Scheme							: K					
Sr No	Course Title	Abbreviation	Course Type	Course Code	Total IKS Hrs for Sem.	Learning Scheme					Credits	Paper Duration (hrs.)	Assessment Scheme										Total Marks
						Actual Contact Hrs./Week			Self Learning (Activity/ Assignment /Micro Project)	Notional Learning Hrs /Week			Theory			Based on LL & TL				Based on Self Learning			
						CL	TL	LL					FA-TH	SA-TH	Total		Practical		SLA				
															Max	Min	Max	Min	Max	Min	Max	Min	
General (Any - One)																							
1	EXIT INDUSTRIAL TRAINING (Full Time)	EXIT	INP	312021	-	-	-	4-6 Weeks Engagement	36 - 40	4	-	-	-	-	-	-	-	50@	20	-	-	50	
	SECOND YEAR EXIT COURSE (Online)	SYEC	SEC	312022	-	-	-	90-120 Study Hours	-	4	-	-	-	-	-	-	-	50@	20	-	-	50	
Total					0	0	0	0	0	4		0	0	0		0		50		0		50	
Abbreviations : CL- Classroom Learning , TL- Tutorial Learning, LL-Laboratory Learning, FA - Formative Assessment,SA -Summative Assessment, IKS - Indian Knowledge System, SLA - Self Learning Assessment Legends : @ Internal Assessment, # External Assessment, *# On Line Examination , @\$ Internal Online Examination																							
Course Category : Discipline Specific Course Core (DSC) , Discipline Specific Elective (DSE) , Value Education Course (VEC) , Intern./Apprenti./Project./Community (INP) , AbilityEnhancement Course (AEC) , Skill Enhancement Course (SEC) , GenericElective (GE)																							
Student who's exiting after second year will be awarded "Diploma of Vocation" provided following conditions are fulfilled :																							
- Student must have passed all the courses of 1 st , 2 nd , 3 rd , 4 th semester i.e 1 st and 2 nd year and shall take exit industrial training OR complete second year exit course. - Student with lateral entry must have passed 3 rd and 4 th semester and shall under take exit industrial training OR complete second year exit course. - Preference must be given to Exit industrial training so as to develop employable skills.																							

EXIT INDUSTRIAL TRAINING (Full Time)**Course Code : 312021**

Programme Name/s	: Architecture Assistantship/ Automobile Engineering./ Artificial Intelligence/ Agricultural Engineering/ Artificial Intelligence and Machine Learning/ Automation and Robotics/ Architecture/ Cloud Computing and Big Data/ Civil Engineering/ Chemical Engineering/ Computer Technology/ Computer Engineering/ Civil & Rural Engineering/ Construction Technology/ Computer Science & Engineering/ Fashion & Clothing Technology/ Dress Designing & Garment Manufacturing/ Digital Electronics/ Data Sciences/ Electrical Engineering/ Electronics & Tele-communication Engg./ Electrical and Electronics Engineering/ Electrical Power System/ Electronics & Communication Engg./ Electronics Engineering/ Food Technology/ Computer Hardware & Maintenance/ Hotel Management & Catering Technology/ Instrumentation & Control/ Industrial Electronics/ Information Technology/ Computer Science & Information Technology/ Instrumentation/ Interior Design & Decoration/ Interior Design/ Civil & Environmental Engineering/ Mechanical Engineering/ Mechatronics/ Medical Laboratory Technology/ Mining & Mine Surveying/ Medical Electronics/ Mining Engineering/ Production Engineering/ Printing Technology/ Polymer Technology/ Surface Coating Technology/ Computer Science/ Textile Technology/ Electronics & Computer Engg./ Travel and Tourism/ Textile Manufactures
Programme Code	: AA/ AE/ AI/ AL/ AN/ AO/ AT/ BD/ CE/ CH/ CM/ CO/ CR/ CS/ CW/ DC/ DD/ DE/ DS/ EE/ EJ/ EK/ EP/ ET/ EX/ FC/ HA/ HM/ IC/ IE/ IF/ IH/ IS/ IX/ IZ/ LE/ ME/ MK/ ML/ MS/ MU/ MZ/ PG/ PN/ PO/ SC/ SE/ TC/ TE/ TR/ TX
Semester	: Second
Course Title	: EXIT INDUSTRIAL TRAINING (Full Time)
Course Code	: 312021

I. RATIONALE

This exit industry training is proposed for the student who seeks exit at the end of the 4th semester to get the Diploma of Vocation . This Exit industry training is aimed to impart employable skills in the respective field to get some job/employment. Students are expected to learn the work practice and environment of industry and develop a report. On the basis of this report the institute will consider for the exit.

III. COURSE LEVEL LEARNING OUTCOMES (COS)

At the end of training, proposed for Exit with Voc. Diploma, the pass out will be able to;

- CO1 - Gain hands-on experience in applying theoretical concepts to real-world tasks, improving their understanding and problem-solving abilities and readiness for the workforce.
- CO2 - Boosts students' self-confidence and encourages them to pursue ambitious career goals. to earn a livelihood for a better status in society.
- CO3 - Interact with industry professionals during training to build valuable connections for job opportunities.

EXIT INDUSTRIAL TRAINING (Full Time)**Course Code : 312021****IV. TEACHING-LEARNING & ASSESSMENT SCHEME**

Course Code	Course Title	Abbr	Course Category/s	Learning Scheme				Credits	Assessment Scheme										Total Marks	
				Actual Contact Hrs./Week			SLH		NLH	Paper Duration	Theory			Based on LL & TL				Based on SL		
				CL	TL	LL					FA-TH	SA-TH	Total	Practical				SLA		
														FA-PR	SA-PR	SLA	SLA			
Max	Max	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min									
312021	EXIT INDUSTRIAL TRAINING (Full Time)	EXIT	INP	-	-	-	-	0	4	-	-	-	-	-	-	50@	20	-	-	50

I. General guidelines for organizing Industrial training

The Industry/organization selected for Industrial training/ internships shall be Government / Public Limited/ Private limited / Startup /Centre of Excellence/Skill Centers/Skill Parks etc.

- Duration of Training - 4-6 weeks students engagement time (Min. 28-30 hrs./week)
- Period of Time slot - After 4th Semester
- Industry area - Engineering Programme Allied industries of large, medium or small-scale, Organization/Govt./ Semi Govt Sectors.

II. Role(s) of Department at the Institute:

Concerned department Head or associated faculty at the Polytechnics shall place the student for internships, coordinate with the industry/organisation and monitor the attendance and progress of the student . Acquire the undertaking from Parents/Guardians(Format 1) and Student(Format 2).

III. Role(s) and Responsibilities of students:

- Students may interact with the faculty mentor to suggest choices for suitable industry, if any. In case of students have any contact in industry through their parents or relatives then same may be utilized for securing placement for themselves and their peers.
- Students have to fill the forms/formats duly signed by institutional authorities along with training letter and submit it to training officer/mentor in the industry on the first day of training.
- Students must carry with him/her Identity card issued by the institute during training period.
- Students should follow industrial dressing protocols, if any. In absence of specific protocol student must wear college uniform compulsorily.
- Students will have to get all necessary information from the training officer/mentor at industry regarding schedule of training, rules and regulation of the industry and safety norms to be followed. Students are expected to observe these rules, regulations and procedures.
- Students must be fully aware that if they disobey any rule of industry or do not follow the discipline then non-disciplinary action will be taken
- Students must Maintain weekly diary (Format 3) by noting daily activities undertaken and get it duly signed from industry mentor or Industrial training in charge.
- In case students faces any major problems in industry such as an accident or any disciplinary issue then they should immediately report the same to the mentor at the institute
- Prepare final report about the training for submitting to the department at the time of presentation and viva-voce and get it signed from mentor as well as industry training in charge.
- Student must submit the undertaking as provided in Format 2.

IV. Typographical guidelines for Industry Training report

Following is the suggestive format for preparing the training report. Actual report may differ slightly depending upon the nature of industry. The training report may contain the following

- a) The training report shall be computer typed (English- British) and printed on A4 size paper.
- b) Text Font -Times New Roman (TNR), Size-12 point
- c) Subsection heading TNR- 12 point bold normal
- d) Section heading TNR- 12 capital bold
- e) Chapter Name/ Topic Name – TNR- 14 Capital
- f) All text should be justified. (Settings in the Paragraph)
- g) The report must be typed on one side only with double space with a margin 3.5 cm on the left, 2.5 cm on the top, and 1.25 cm on the right and at bottom.
- h) The training report must be hardbound/ Spiralbound with cover page in black colour. The name of the candidate, diploma (department), year of submission, name of the institute shall be printed on the cover [Refer sample sheet (outer cover)]
- i) The training report, the title page should be given first then the Certificate followed by the acknowledgment and then contents with page numbers.

V. Suggestive format of industrial training report

Following format may be used for training report. Actual format may differ slightly depending upon the nature of Industry/ Organization.

- Title Page
- Certificate
- Abstract
- Acknowledgement
- Content Page

Chapter 1	Organization structure of Industry and general layout.
Chapter 2	Introduction to Industry / Organization (history, type of products and services, turn over and number of employees etc.)
Chapter 3	Types of Major Equipments/raw materials/ instruments/machines/ hardware/software used in industry with their specifications, approximate cost, specific use and routine maintenance done
Chapter 4	Processes/ Manufacturing Manufacturing techniques and methodologies and material handling procedures
Chapter 5	Testing of Hardware/Software/ Raw materials/ Major material handling product (lifts, cranes, slings, pulleys, jacks, conveyor belts etc.) and material handling procedures.
Chapter 6	Safety procedures followed and safety gears used by industry.
Chapter 7	Particulars of Practical Experiences in Industry/Organization if any in Production/Assembly/Testing/Maintenance
Chapter 8	Detailed report of the tasks undertaken (during the training).
Chapter 9	Special/challenging experiences encountered during training if any (may include students liking & disliking of work places).
Chapter 10	Conclusion
Chapter 11	References / sources of information

VI. Suggested learning strategies during training at Industry

Week No	Tentative Activities to be completed during Industry training
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EXIT INDUSTRIAL TRAINING (Full Time)**Course Code : 312021**

1	Introduction of Industry and departments.
2	Study of Layout of Industry, Specifications of Machines , raw materials, components available in the industry
3-5	Execute given project or work assigned to the students ,study of safety and maintenance procedures
4/6	Report writing

VII. Summative Assessment (SA) of training:

Academic year : 20 -20

Name of the industry:

Marks Acquired :

Sr. No	Enrolment Number	Name of student	Observations from Orals				Total 50
			Knowledge about Industry & Departments (10 Mks.)	Knowledge of Layout/M/C Specifications/ Components etc (10 Mks.)	Skill Developed (10 Mks.)	Submitted Report (20 Mks.)	

Name of mentor :

Signature of Mentor :

VII. FORMATS

Consent Letter from parents/guardians**(Undertaking from Parents)**

To,

The Principal,

Subject: Consent for Industrial Training.

Sir/Madam,

I am fully aware that -

1. My ward studying in _____ semester at your _____ institute has to undergo _____ weeks of Industrial training for partial fulfillment towards completion of Diploma in _____ Engineering.
2. For this fulfillment he/she has been deputed at _____ industry, located at _____ for Industrial training /internship for the period from _____ to _____ .

With respect to above I give my full consent for my ward to travel to and from the mentioned industry. Further I undertake that –

1. My ward will undergo the training at his/her own cost and risk during training and/or stay.
2. My ward will be entirely under the discipline of the organization where he/she will be placed and will abide by the rules and regulations in face of the said organization.
3. My ward is NOT entitled to any leave during training period.
4. My ward will submit regularly a prescribed weekly diary, duly filled and countersigned by the training supervisor of the organization to the mentor faculty of the polytechnic.

I have explained the contents of the letter to my ward, who has also promised to adhere strictly to the requirements. I assure that my ward will be properly instructed to take his own care to avoid any accidents/injuries in the industry. In case of any accident neither industry nor the institute will be held responsible.

Signature of Parent/Guardian :

Name : _____

Address : _____

Phone Number: _____

Date : _____

EXIT INDUSTRIAL TRAINING (Full Time)

Course Code : 312021

Name and Signature of the student:

Phone Number of students:

Unpublished

Undertaking by the students

TO

The Principal

Subject: Undertaking regarding Placement for Industrial training of 12/16/18 weeks duration

I _____ Enrollment No _____ S/o/D/o. _____ studying in _____
 at _____ Institute at _____ fully aware of the Industrial Training requirement and related
 responsibilities and participation in the _____ Industrial training From: _____
 To _____

I assure you that I will be of good behavior and be obedient to the staff and mentor during the _____
 /Industrial training. I will also abide and will not participate in all activity. I will also discipline myself within the
 rules and regulations of the Institution. I am also aware that I am participating in the _____ at my own
 risk and I will not hold the _____ Institute responsible in any way in any eventuality namely Accident
 /Injury/death or whatever mishap and I myself will be solely responsible for my safety.

Place :

Signature of the student

Date :

Internships Daily Diary

Name of the Student: _____ Name of the mentor (Faculty) : _____

Enrollment Number: _____ Semester: _____ Academic Year _____

Week	Day & Date	Discussion Topics/Activity	Details of Work Allotted Till Next Session /Corrections Suggested/Faculty Remarks	Signature of Industry Mentor
Week 01	Mon, Date			
	Tue, Date			
	Wed, Date			
	Thu, Date			
	Fri, Date			
	Sat, Date			
.	Mon, Date			
	Tue, Date			
	Wed, Date			
	Thu, Date			
	Fri, Date			
	Sat, Date			
Week n	Mon, Date			
	Tue, Date			
	Wed, Date			
	Thu, Date			
	Fri, Date			
	Sat, Date			

SECOND YEAR EXIT COURSE (Online)**Course Code : 312022**

Programme Name/s	: Architecture Assistantship/ Automobile Engineering./ Artificial Intelligence/ Agricultural Engineering/ Artificial Intelligence and Machine Learning/ Automation and Robotics/ Architecture/ Cloud Computing and Big Data/ Civil Engineering/ Chemical Engineering/ Computer Technology/ Computer Engineering/ Civil & Rural Engineering/ Construction Technology/ Computer Science & Engineering/ Fashion & Clothing Technology/ Dress Designing & Garment Manufacturing/ Digital Electronics/ Data Sciences/ Electrical Engineering/ Electronics & Tele-communication Engg./ Electrical and Electronics Engineering/ Electrical Power System/ Electronics & Communication Engg./ Electronics Engineering/ Food Technology/ Computer Hardware & Maintenance/ Hotel Management & Catering Technology/ Instrumentation & Control/ Industrial Electronics/ Information Technology/ Computer Science & Information Technology/ Instrumentation/ Interior Design & Decoration/ Interior Design/ Civil & Environmental Engineering/ Mechanical Engineering/ Mechatronics/ Medical Laboratory Technology/ Mining & Mine Surveying/ Medical Electronics/ Mining Engineering/ Production Engineering/ Printing Technology/ Polymer Technology/ Surface Coating Technology/ Computer Science/ Textile Technology/ Electronics & Computer Engg./ Travel and Tourism/ Textile Manufactures
Programme Code	: AA/ AE/ AI/ AL/ AN/ AO/ AT/ BD/ CE/ CH/ CM/ CO/ CR/ CS/ CW/ DC/ DD/ DE/ DS/ EE/ EJ/ EK/ EP/ ET/ EX/ FC/ HA/ HM/ IC/ IE/ IF/ IH/ IS/ IX/ IZ/ LE/ ME/ MK/ ML/ MS/ MU/ MZ/ PG/ PN/ PO/ SC/ SE/ TC/ TE/ TR/ TX
Semester	: Second
Course Title	: SECOND YEAR EXIT COURSE (Online)
Course Code	: 312022

I. RATIONALE

The National Education Policy 2020 necessitates “Academic Flexibility” , means the provision for innovative and interchangeable curricular structures to enable creative combinations of Courses or Programmes in Disciplines of study leading to Degree or Diploma or Post Graduate Diploma or Certificate of Study offering multiple entry and multiple exit facilities, while removing rigid curricular boundaries and creating new possibilities of life-long learning;

To ensure that the exiting student:exits with market relevant competency ,offering the on-line skill based course in the absence of internships opportunity is the best option .

III. COURSE LEVEL LEARNING OUTCOMES (COS)

Students will be able to achieve & demonstrate the following COs on completion of course based learning

- CO1 - Demonstrate required skills and readiness relevant to their discipline (e.g., mechanical, civil, electrical, software engineering, hotel management textiles etc.) to join the workforce.
- CO2 - Practice the skills of using industry specific software, tools, machines, methodologies etc. required at the work place of an employer and earn livelihood.
- CO3 - Work collaboratively as professional in group as member and leader to complete the tasks of employers.

IV. TEACHING-LEARNING & ASSESSMENT SCHEME

SECOND YEAR EXIT COURSE (Online)**Course Code : 312022**

Course Code	Course Title	Abbr	Course Category/s	Learning Scheme					Credits	Assessment Scheme										Total Marks	
				Actual Contact Hrs./Week			SLH	NLH		Paper Duration	Theory			Based on LL & TL				Based on SL			
				CL	TL	LL					FA-TH	SA-TH	Total	Practical		SLA					
														FA-PR	SA-PR	Max	Min	Max	Min		
312022	SECOND YEAR EXIT COURSE (Online)	SYEC	SEC	-	-	-	-	0	4	-	-	-	-	-	-	-	50@	20	-	-	50

V. Guidelines –**A) General Guidelines**

1. This exit Course should be offered **only in absence of** opportunities for Exit Internships .
2. An exit course should focus on
 - equipping students with skills that are directly applicable to the job market trends for the level of exit from the field of study of diploma programme.
 - The course must have the scope of practical skills and knowledge may be multidisciplinary that are in high demand at job market.

Upon completion of this course, students can earn a certificate that demonstrates their readiness to enter the workforce .

3. There are several govt./semi govt. recognized agencies and organizations which offers online courses of 90 to 120 hrs of study engagement to enhance their skills and employability of potential learners. Depending on the student's field of study and career goals, they can choose from various platforms to enhance their employability and skill set before entering the workforce.
4. Online/ platforms of AICTE, NSDC, Coursera, edX, Udacity, Skillshare, Infosys springboard, SWAYAM etc. or other relevant platform may be referred for online course as exit course. These platforms often partner with universities, industry leaders, or educational institutions to provide high-quality, industry-relevant content.
5. Multiple courses can be offered .The offered course/s must encompass 80 to 120 hrs. of study engagement. Multiple short duration courses leading to the desired minimum duration form 80 to 120 can also be offered.
6. Study engagement hours shall be taken into account. For example if the online ‘X’ course is of 4 hours, the students may require 10 hrs. to undertake the course and in such cases the student may undertake multiple courses oriented towards developing appropriate aligned skills. Faculty decides the course engagement duration based on the complexity of the course and accordingly assigns course/es to the exiting student.

Ex :- If an ‘Y’ course on Infosys springboard is 3.5 hrs, the students may require 8 hrs of study engagements to complete the lecture due to recap, assignments, tests etc. and accordingly other courses maybe selected such that the study engagements of 90-120 hrs. is undertaken.

7. Course/es should not incur financial overheads on students.
8. Certificate of completion of Exit Industrial Training shall be provided by the institute based on the evaluation through orals.

SECOND YEAR EXIT COURSE (Online)**Course Code : 312022****B) Suggested RUBRIC for SA****Title : Second Year Exiting Students**

Enrollment Number	Courses Undertaken	No.Of Hrs.	Overall Understanding (20 Mks.)	Knowledge/Skill Acquired (20 Mks.)	Certification (10 Mks.)	Total (50 Mks.)
	1					
	2					
	3					

C) Suggestive Courses

- Title/Modules/Area for Programme-wise possible exit courses are suggested below and students may explore more under guidance of programme head/teachers of the relevant discipline/branch.

NOTE : Below are just the groupwise list of suggestive courses . Multiple or single course depending on the number of student engagement hours can be selected from them. Respective programme head/faculty are free to decide appropriate skill based course / es as per guidelines given above.

Programme Group – CO Group					
Sr. No.	Title of Skill Oriented Second Year Exit Course	Source Organization	Reference Link	Duration	Brief Description
1	Explore Machine Learning Using Python	Infosys Springboard	TOC - Explore Machine Learning using Python Infosys Springboard	17Hr 7 min	This course introduces concepts of machine learning like supervised and unsupervised learning techniques and demonstrates their application on various data sets. It also gives an overview of artificial neural networks.
2	Unity Game - Role Playing Game(RPG)	Infosys Springboard	TOC - Unity Game - Role Playing Game(RPG) Infosys Springboard	10Hr 28 min	Unity is well known as a massive game developing middleware system with a user friendly editor and power house features. As 3D games has always been leading the gaming

SECOND YEAR EXIT COURSE (Online)**Course Code : 312022**

3	Unreal Engine Game - Pinball Game	Infosys Springboard	TOC - Unreal Engine Game - Pinball Game Infosys Springboard	15 Hr 8 Min	<p>Unreal Engine 4 is a suite of integrated tools for game developers to design and build games, simulations, and visualizations.</p> <p>Through this training we shall introduce you to the exciting gaming world and introducing you this powerful game engine Unreal.</p> <p>There are lots of code samples available but offer little or no explanation on how they should be used. This training aims to provide the necessary training to teach you how to create those awesome games.</p> <p>Through this tutorial we are going to create a live game the Pinball game using Unreal engine</p>
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SECOND YEAR EXIT COURSE (Online)**Course Code : 312022**

4	Python Machine Learning Solutions	Infosys Springboard	TOC - Python Machine Learning Solutions Infosys Springboard	5 Hr 32min	<p>Machine learning is increasingly pervasive in the modern data-driven world. It is used extensively across many fields such as search engines, robotics, self-driving cars, and more. With this course, you will learn how to perform various machine learning tasks in different environments. Throughout the course, you'll use a wide variety of machine learning algorithms to solve real-world problems and use Python to implement these algorithms. You'll discover how to deal with various types of data and explore the differences between machine learning paradigms such as supervised and unsupervised learning. We also cover a range of regression techniques, classification algorithms, predictive modelling, data visualization techniques, recommendation engines, and more with the help of real-world examples</p>
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SECOND YEAR EXIT COURSE (Online)**Course Code : 312022**

5	Unity Game - Gem Collector Game	Infosys Springboard	TOC - Unity Game - Gem Collector Game Infosys Springboard	3 Hr 4 min	Developing your script, designing the look and doing the coding is all a part of a game development. So, we brought you this course Create Gem Collector game using Unity training, to help you master the advanced tricks and techniques that usually go with the gaming industry workflow.
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SECOND YEAR EXIT COURSE (Online)**Course Code : 312022**

6	Hands-on Scikit-learn for Machine Learning	Infosys Springboard	TOC - Hands-on Scikit-learn for Machine Learning Infosys Springboard	10Hr 2 min	Scikit-learn is arguably the most popular Python library for Machine Learning today. Thousands of Data Scientists and Machine Learning practitioners use it for day to day tasks throughout a Machine Learning project's life cycle. Due to its popularity and coverage of a wide variety of ML models and built-in utilities, jobs for Scikit-learn are in high demand, both in industry and academia. If you're an aspiring machine learning engineer ready to take real-world projects head-on, Hands-on Scikit-Learn for Machine Learning will walk you through the most commonly used models, libraries, and utilities offered by Scikit-learn. By the end of the course, you will have a set of ML problem-solving tools in the form of code modules and utility functions based on Scikit-learn in one place, instead of spread over several books and courses, which you can easily use on real-world projects and data sets.
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SECOND YEAR EXIT COURSE (Online)**Course Code : 312022**

7	UX Design for Web Developers	Infosys Springboard	.TOC - UX Design for Web Developers Infosys Springboard	4 Hr 44 min	UX Design for Web Developers is a comprehensive course that teaches web developers the principles and techniques of user experience (UX) design. It covers topics such as empathetic design, information architecture, wireframing, responsive design, usability testing, and prototyping. Participants will learn how to create user-centered and visually appealing websites by understanding user needs, organizing content effectively, and designing intuitive interactions. The course also explores best practices for mobile and desktop design, ensuring a seamless user experience across different devices
Programme Group - AA					
1	Architectural Graphics	IS 962:1989 - Code of Practice for Architectural and Building Drawings.		8 weeks	IS 962:1989 - Code of Practice for Architectural and Building Drawings.
2	Computer Aided Drawing	IS 16601:2016 - Guidelines for Digital Representation of Engineering Drawings.		8 weeks	IS 16601:2016 - Guidelines for Digital Representation of Engineering Drawings.
3	Architectural Drawing	IS 962:1989 - Code of Practice for Architectural and Building Drawings.		8 weeks	IS 962:1989 - Code of Practice for Architectural and Building Drawings.
4	Python Learning	ISO/IEC 25010 - System and Software Quality Requirements and Evaluation (SQuaRE).		8 weeks	ISO/IEC 25010 - System and Software Quality Requirements and Evaluation (SQuaRE).

SECOND YEAR EXIT COURSE (Online)**Course Code : 312022**

5	Information Security	IS/ISO/IEC 27001:2013 - Information Security Management.		8 weeks	IS/ISO/IEC 27001:2013 - Information Security Management.
6	History of Ancient Architecture	Swayam	https://onlinecourses.swayam2.ac.in/ini25_ar01/preview	8 weeks	IS 2645:2003 - Architectural Preservation and Conservation Standards. Guidelines from the ASI (Archaeological Survey of India).
7	Bioclimatic Architecture	Swayam	https://onlinecourses.nptel.ac.in/noc25_ar06/preview	8 weeks	IS 3362:1977 - Thermal Insulation of Buildings. IS 875 (Part 2):1987 - Environmental Considerations in Building Design. IS 3792:2022 - Energy-Efficient and Sustainable Buildings.
8	Acoustic materials and meta materials	Swayam	https://onlinecourses.nptel.ac.in/noc25_me01/preview	8 weeks	IS 2526:1963 - Specification for Acoustic Material Properties. IS 4954:1968 - Sound Insulation Materials and Applications. IS 13356:2000 - Standards for Noise Control in Buildings.
9	Interior Design	Swayam	https://onlinecourses.nptel.ac.in/noc25_de11/preview	4 to 6 weeks	IS 3312:1974 - Guidelines for Interior Finishes and Materials. IS 6343:1982 - Code of Practice for Interior Lighting. IS 1643:1977 - Guidelines for Furniture Dimensions in Interior Spaces.
10	E Course on Griha version 2019	Griha	https://www.grihaindia.org/		
Program Group : Civil Engineering					
1	Civil 3D	Infosys Springboard	https://infyspringboard.onwingspan.com/web/en/app/toc/lex_auth_0132918493657251845528_shared/overview	3 hrs	An Introduction to Civil 3D and Its Interface

SECOND YEAR EXIT COURSE (Online)**Course Code : 312022**

2	The Civil 3D Workspace	Infosys Springboard	TOC - The Civil 3D Workspace Infosys Springboard	3 hrs	This course starts off with an overview of the interface of Civil 3D, showing you how Civil 3D applies settings and styles to automate object placement. Building on this knowledge, you will learn to create and edit surfaces, alignments, and profiles.
3	GPS Surveying	NPTEL -SWAYAM	https://onlinecourses.nptel.ac.in/noc25_ce31/preview	4 WEEKS	The objective of the course is to provide optimal insights into land surveying using GPS (Global Positioning System). The course starts with an introduction to land surveying leading to GPS as the state-of-art for surveying of land.
4	Advanced Topics in Science and Technology of Concrete	NPTEL -SWAYAM	https://onlinecourses.nptel.ac.in/noc25_ce64/preview	4 WEEKS	This edition of the Advanced Topics course focuses on the use of recycled concrete as aggregate in new concrete construction.
5	Design of Connections in Steel Structures	NPTEL -SWAYAM	https://onlinecourses.nptel.ac.in/noc25_ce65/preview	4 WEEKS	The course “Design of Connections in Steel Structures” helps students understand the fundamental mechanism of how different types of connections behave and how the analysis and design process accounts for the same.

SECOND YEAR EXIT COURSE (Online)**Course Code : 312022**

6	Land Building And Civil Works	Infosys Springboard	https://infyspringboard.onwingspan.com/web/en/app/toc/lex_auth_01384272204612403222498_shared/overview	8 min	<p>Project Finance modeling using Microsoft Excel offers a comprehensive introduction to project finance modeling, focusing on infrastructure projects. Participants will learn to create financial models for the EBC Underground Parking Project, gaining skills in forecasting income statements, balance sheets, and cash flows. Through hands-on Excel-based exercises, they will explore feasibility analysis, debt modeling, and scenario analysis</p>
7	SketchUp - Beginners	Infosys Springboard	https://infyspringboard.onwingspan.com/web/en/app/toc/lex_auth_01384208087630643211723_shared/overview	3 hrs 10min	<p>The SketchUp Beginners course offers a comprehensive introduction to 3D modeling using SketchUp, a powerful and intuitive software widely used by professionals in different fields. Starting with the basics, you'll learn about the software's tools and user-friendly interface. The course covers downloading and installing SketchUp and then progresses into exploring toolbars, tabs, and practical application through hands-on exercises, enabling you to create accurate and visually appealing 3D models.</p>

SECOND YEAR EXIT COURSE (Online)**Course Code : 312022**

8	Project on Google SketchUp	Infosys Springboard	TOC - Project on Google SketchUp Infosys Springboard	1 hr 29 min	The Project on Google SketchUp offers an immersive and transformative learning experience, guiding participants through the process of 3D modeling and visualization using Google SketchUp. The course begins with an introduction to the software's interface and basic tools. The Project on Google SketchUp offers an immersive and transformative learning experience, guiding participants through the process of 3D modeling and visualization using Google SketchUp. The course begins with an introduction to the software's interface and basic tools
9	SketchUp Case Study - 3D Landscape Garden	Infosys Springboard	https://infosyspringboard.onwingspan.com/web/en/app/toc/lex_auth_01384208345624576011846_shared/overview	3 hrs 15 min	The Landscape Garden Design and Visualization course is ideal for individuals interested in landscape architecture and garden design. Participants will learn essential design principles, spatial arrangement, plant selection, and focal point creation. They will gain hands-on experience using V-ray tools for realistic visualization and rendering, enabling them to create stunning presentations of their landscape garden designs.

SECOND YEAR EXIT COURSE (Online)**Course Code : 312022**

10	SketchUp Case Study - Create a 3D AutoCAD Plan from 2D House	Infosys Springboard	TOC - SketchUp Case Study - Create a 3D AutoCAD Plan from 2D House Infosys Springboard	2 hrs 4 min	This is a Case Study on SketchUp - Create a 3D AutoCAD Plan from 2D House
Programme Code : Chemical Engineering					
1	Effective Time Management	Infosys Springboard	https://infyspringboard.onwingspan.com/web/en/page/home	3 Hr 46 min	Certificate Course
2	Stress Management at Workplace	Infosys Springboard	https://infyspringboard.onwingspan.com/web/en/page/home	2 Hr 53 min	Certificate Course
3	Senior Professional in Human Resources : Safety and Health	Infosys Springboard	https://infyspringboard.onwingspan.com/web/en/page/home	1 Hr 8 min	Certificate Course
4	Indian oil & Gas Sector	Infosys Springboard	https://infyspringboard.onwingspan.com/web/en/page/home	1 Hr 38 min	Certificate Course
5	Fundamental of Information Security	Infosys Springboard	https://infyspringboard.onwingspan.com/web/en/page/home	3 Hr 24 min	Certificate Course
6	Design Thinking	Infosys Springboard	https://infyspringboard.onwingspan.com/web/en/page/home	3 Hr 31 min	Certificate Course
7	Security Standards & Regulations	Infosys Springboard	https://infyspringboard.onwingspan.com/web/en/page/home	4 Hr 08 min	Certificate Course
8	Management & Leadership	Infosys Springboard	https://infyspringboard.onwingspan.com/web/en/page/home	1 Hr 45 min	Certificate Course
9	Material Management	Infosys Springboard	https://infyspringboard.onwingspan.com/web/en/page/home	3 Hr 21 min	Certificate Course
10	Risk Management Investment Management	Infosys Springboard	https://infyspringboard.onwingspan.com/web/en/page/home	5 Hr 44 min	Certificate Course
11	Financial Management	Infosys Springboard	https://infyspringboard.onwingspan.com/web/en/page/home	2 Hr 41 Min	Certificate Course
12	Quality Management	Infosys Springboard	https://infyspringboard.onwingspan.com/web/en/page/home	3Hr 51 Min	Certificate Course
13	Fundamental of Risk Management	Infosys Springboard	https://infyspringboard.onwingspan.com/web/en/page/home	4 Hr 21 Min	Certificate Course
14	Theories of Strategic Management	Infosys Springboard	https://infyspringboard.onwingspan.com/web/en/page/home	7 Hr 18 Min	Certificate Course
15	Customer Relationship Management	Infosys Springboard	https://infyspringboard.onwingspan.com/web/en/page/home	5 Hr 18 Min	Certificate Course
Programme Code : Electrical Engineering					

SECOND YEAR EXIT COURSE (Online)**Course Code : 312022**

1	Internet of Things 101	Infosys Springboard	https://infyspringboard.onwingspan.com/web/en/app/toc/lex_21553622882521997000_shared/overview	8 hours 23 minutes	<p>This course introduces you to the fundamental concepts of building an IoT Ecosystem, implementation of IoT use cases using DIY boards, application of various IoT elements, provides details on different IoT industry sectors, and insights on IoT implementation challenges. IoT is poised to be the World's most massive device market. The adoption of the same in the industry will save companies billions of dollars. It is a must for us to embrace IoT now!</p>
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SECOND YEAR EXIT COURSE (Online)**Course Code : 312022**

2	AutoCAD Case Study - Electrical Power Demand Calculation	Infosys Springboard	https://infyspringboard.onwingspan.com/web/en/app/toc/lex_auth_01384338332015001637149_shared/overview	2 hours 3 minutes	In this course "Project on AutoCAD - Electrical Power Demand Calculation" learners will look into the realm of electrical engineering through AutoCAD. By focusing on a practical project, learners will gain hands-on experience in calculating power demands for electrical systems. Through step-by-step guidance, learners will utilize AutoCAD to create accurate and detailed electrical schematics, incorporate load calculations, and ensure compliance with industry standards. This course empowers learners to understand the nuances of power distribution and demand estimation, honing their skills in a real-world context. Whether an aspiring electrical engineer or a professional looking to refine expertise, this course equips learner with the knowledge to proficiently perform power demand calculations using AutoCAD
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SECOND YEAR EXIT COURSE (Online)**Course Code : 312022**

3	AutoCAD Case Study - Power Distribution Layout for Commercial Kitchen	Infosys Springboard	https://infyspringboard.onwingspan.com/web/en/app/toc/lex_auth_01384338739362201637145_shared/overview	2 hours 8 minutes	AutoCAD Case Study - Power Distribution Layout for Commercial Kitchen offers an immersive and transformative learning experience, guiding participants through the process of designing power distribution layouts for commercial kitchens using AutoCAD. The course commences with an introduction to electrical load analysis and an overview of essential AutoCAD tools and features for electrical design. Participants will delve into equipment placement techniques, learning how to strategically position electrical devices and appliances for efficient power distribution. The course covers electrical circuit design, enabling participants to create organized and well-structured circuits to handle the power loads of commercial kitchen equipment.
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SECOND YEAR EXIT COURSE (Online)**Course Code : 312022**

4	Electronics Course	Infosys Springboard	https://infyspringboard.onwingspan.com/web/en/app/toc/lex_auth_01373779399397376019/overview	1 hour 26 minutes	Today, children around the world have access to laptops, desktops, and smartphones. Knowing that the future is becoming synonymous with technology, it has become more important that our young minds become active consumers, and contribute to technology in the right manner, instead of staying mere passive users. In this course, we'll learn the most important electrical engineering concepts
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SECOND YEAR EXIT COURSE (Online)**Course Code : 312022**

5	Assembling and Cabling Devices	Infosys Springboard	https://infyspringboard.onwingspan.com/web/en/app/toc/lex_auth_01384786255477964855134_shared/overview	2 hours	<p>The one and only energy source for our advanced civilization is electricity which is carried to every point of requirement via the cables. With the increase of electrical appliances in the domestic and commercial world, the volume of cables has increased manifold. It has become really necessary to understand and manage the volume properly to avoid accidents and assembling crisis at the time of emergency. Moreover, the type of cables varies as per the source of power and device which they are connected to.</p> <p>The cables are used in all types of electrical devices for proper power distribution and also for communication purpose. In fact in the case of the electronic devices like computers the cables are aptly designed as per the requirement of the parts they are connected with. The insulation and jacketing, as well as the material used for conduction, are chosen with great care to serve the purpose. Other than the material, the ports which connect with the hardware should be recognized as they vary in connecting</p>
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SECOND YEAR EXIT COURSE (Online)**Course Code : 312022**

					points and degree of power delivery.
6	AutoCAD Case Study - Solar Electric Panel Design	Infosys Springboard	https://infyspringboard.onwingspan.com/web/en/app/toc/lex_auth_01384206370179481611614_shared/overview	1 hour 35 minutes	The project "Solar Electric Power System Design" provides an introduction to designing a solar electric power system. It covers the design of solar electric panels using AutoCAD, including the layout and positioning of panels for optimal energy generation. The project also focuses on designing the power generation cable system to efficiently transmit the generated electricity. Additionally, learners will learn how to calculate the battery capacity needed to store the solar-generated power effectively..
7	ELECTRICITY		https://infyspringboard.onwingspan.com/web/en/app/toc/lex_auth_0136212072611512328893/overview	1 hour 58 minutes	

SECOND YEAR EXIT COURSE (Online)**Course Code : 312022**

8	AutoCAD Case Study - Fire Alarm System Layout		https://infyspringboard.onwingspan.com/web/en/app/toc/lex_auth_01384339122647859238065_shared/overview	3 hour 8 minutes	"AutoCAD Project - Fire Alarm System Layout" is a practical course that immerses learners in designing fire alarm system layouts using AutoCAD, a powerful computer-aided design software. This course likely covers aspects such as understanding fire safety regulations, creating accurate floor plans, placing fire alarm devices, and integrating symbols and annotations. Participants will learn how to translate fire safety requirements into detailed and precise AutoCAD drawings. Through hands-on exercises and real-world scenarios, this course empowers learners to master the art of designing effective fire alarm system layouts, making it a valuable resource for architects, engineers, and professionals in the field of building safety and design
Program Group: Electronics					
1	ESim - EDA tool for circuit design, simulation, analysis and PCB design	SWAYAM , AICTE sponsored	https://onlinecourses.swayam2.ac.in/aic20_sp59/preview	4 week	self-learn eSim - EDA tool is used for circuit design, simulation, analysis and PCB design
2	Python for Data Science-	SWAYAM , AICTE sponsored	https://onlinecourses.nptel.ac.in/noc25_cs60/preview	4 weeks	python programming for solving data science problems.

SECOND YEAR EXIT COURSE (Online)**Course Code : 312022**

3	Electronic & Electrical Devices Maintenance & Troubleshooting	Udemy Online courses	https://www.udemy.com/course/electronic-electronics-maintenance-electronic-devices-maintenance/?srsltid=AfmBOop0wgNf9R5kWcZUA7pf5Vb7TPYx9xjSL-LR1zqc9pMsX981xn7A&couponCode=ACCAGE0923	4 weeks	Understand the basic concepts of voltage, resistance and current, use of DMM and tools, Practical Troubleshooting and Maintenance of Electronic Devices
4	Python Programming - Comprehensive Training	Infosys Springboard	https://infyspringboard.onwingspan.com/web/en/app/toc/lex_auth_0138417419204935682483_shared/overview	4 weeks	It covers essential concepts such as syntax, list, string, loops, files, GUI. Students will be able to build their own System programs, and basic malware testing programs.
5	Internet of Things 201	Infosys Springboard	https://infyspringboard.onwingspan.com/web/en/app/toc/lex_auth_0129563012988354561318_shared/overview	4 weeks	This course provides practical insights about Raspberry Pi DIY Boards to create IoT usecases and IoT PoCs.
6	Arduino Robotics Part-I	https://easyshiksha.com/online_courses	https://easyshiksha.com/online_courses/arduino-robotics-part-i	4 weeks	introduction to the exciting field of robotics and to gain practical experience in building and programming robots.
7	Microcontroller Embedded C Programming: Absolute Beginners	https://easyshiksha.com/online_courses/	https://easyshiksha.com/online_courses/microcontroller-embedded-c-programming-absolute-Beginners	4 weeks	This course provides a 'hardware-free' introduction to embedded software for students who: ? Already know how to write software for 'desktop' computer systems. ? Are familiar with a C-based language (Java, C++ or C). ? Want to learn how C is used in practical embedded systems.

SECOND YEAR EXIT COURSE (Online)**Course Code : 312022**

8	Certificate Course in Internet of Things (IoT)	National Institute of Electronics & Information Technology, Kohima,	https://nielit.gov.in/kohima/content/short-term-courses-22	4 weeks	Introduction to IOT & embedded system, Projects using Arduino Uno and ESP-32:
Programme Group-Mechanical Engineering					
1	Robot Design and Developemnet	AICTE	https://neat.aicte-india.org/course-details/NEAT20221206_PROD_1	5 Hr	This course will help student to equip swith the fundamental skills and practical knowledge required to control robots and its part for real-world applications.
2	GD & T	AICTE	https://neat.aicte-india.org/course-details/NEAT2020616_PROD_3	5 Hr	This course will provide students with the knowledge and skills to interpret, apply, and analyze Geometric Dimensioning and Tolerancing (GD&T) standards used in engineering design and manufacturing.
3	CAD using Autodesk Inventor	AICTE	https://neat.aicte-india.org/course-details/NEAT2020621_PROD_1	5 Hr	This course will enable students to create, modify, analyze, and optimize engineering designs using industry-standard CAD software, preparing them for roles in design and manufacturing.
4	Fundamentals of Fixture Designing Concepts for CNC Machining Application	AICTE	https://neat.aicte-india.org/b2b-course-details/NEAT2020616_PROD_9	5 Hr	Fixture design is a vital part of New Product development cycle. To design and manufacturing the fixture need a lot of skillset and in-depth understanding of CNC machining process and Locating / Clamping Principles.

SECOND YEAR EXIT COURSE (Online)**Course Code : 312022**

5	Electrical Vehicle engineering	AICTE	https://neat.aicte-india.org/course-details/NEAT2020627_P ROD_1	5 Hr	The electrical vehicle certification course is a Workshop Integrated Learning Program designed for students or professionals aspire to work or working in automotive, auto-component, design and manufacturing sector and aim to develop the required skills to build and sustain future automobiles. The program has a special emphasis on concepts such as Vehicle dynamics,
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Programme - Diploma in Hotel Management and Catering Technology

1	Food & Beverage Management	https://www.coursera.org/learn/food-beverage-management Università Bocconi	https://www.coursera.org/learn/food-beverage-management	13 hours	The objective of this course is twofold: first, it will focus on contemporary challenges that managers and entrepreneurs in food and beverage businesses should be able to face; and second, will provide models and tools to design and implement appropriate courses of action to satisfy customers and build an advantage over the competition. This course is made up of four modules and an introduction, each exploring one dilemma that food and beverage companies face.
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SECOND YEAR EXIT COURSE (Online)**Course Code : 312022**

2	Bar and Beverage Service Paid 1499	G O BPO Services Private Limited	https://www.skillindiadigital.gov.in/courses/detail/aa9e320a-729b-44a7-9899-af61d8b75cbb	27 Hours	This course provides essential training in bar and beverage service. It includes bar opening procedures, equipment cleaning, and setting up the bar. Students will learn to prepare and serve juices, shakes, and alcoholic beverages, including handling wine and beer service. The course also covers managing intoxicated guests and maintaining a professional bar environment.
3	Digital Marketing Strategy	Institution:EdinburghX	https://www.edx.org/learn/digital-marketing/the-university-of-edinburgh-digital-marketing-strategy	08 Weeks	Digital marketing is a major component of marketing today. This course will equip you with practical digital marketing skills to help you build your business. You will learn about the digital marketing landscape and how digital technologies can be used to help businesses identify opportunities and minimize risk. Case studies will be used to demonstrate how digital supports business objectives, and how it can set enterprise apart.

SECOND YEAR EXIT COURSE (Online)**Course Code : 312022**

4	Counter Sales Executive - Tourism & Hospitality	Tourism & Hospitality Skill Council	https://www.skillindiadigital.gov.in/courses/detail/91f96304-4601-4568-84ec-4a994d2eb6f5	07 Hrs.	The individual at work receives guests, answers their queries, takes down their orders, handle online food and beverage orders, transfers orders to the kitchen, instructs the kitchen staff, serves guests, ensures timely delivery of the order to the customer and maintains the QSR as per organizational policy.
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SECOND YEAR EXIT COURSE (Online)**Course Code : 312022**

5	Front Desk and Telephone Operations (Paid 1499/-)	G O BPO Services Private Limited	https://www.skillindiadigital.gov.in/courses/detail/1c311296-a77f-4c7c-8360-9a0bfd25958c	20 Hrs.	<p>Training in reception and front office executive. Under Reception Duties we would cover areas like Pre-shift briefings. Efficiently handle reservations, check-ins, room changes, and guest records. Manage room extensions, group check-ins, and VIP services etc. Under Front Desk Operations: Learn room discount policies, VIP management, and reception responsibilities. Perform credit adjustments, manage special requests, cash handling, and impress money. Prepare guest folios, process late departures, and handle various charges. Ensure accurate settlement by card or cash and prepare shift-end balances. Include meal plan management in duties. Etc. Other Administrative Tasks include: Requisition and store office supplies. Guest check-ins and departures, Front office cashier responsibilities, night shift procedures, and handle incidents. We also cover Telephone Management, Developing effective telephone manners, managing external and internal calls, manage wake-up call requests,</p>
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SECOND YEAR EXIT COURSE (Online)**Course Code : 312022**

					including for groups etc.
6	Certificate Course in Customer Service Excellence (Tourism)	Reliance Foundation Skilling Academy	https://www.skillindia.digital.gov.in/courses/detail/68b52c77-2153-4fe0-845b-3d76037cd675	3 Hrs.	This Certificate Course in Customer Service Excellence (Tourism) delves into the world of tourism, exploring its economic impact and identifying key tourist segments. Besides effective communication skills, participants will gain a strong foundation in customer service principles across different touchpoints in the travel journey. Furthermore, the course explores technology tools like social media, mobile apps, and data analysis to personalize the customer experience and drive continuous improvement.

SECOND YEAR EXIT COURSE (Online)**Course Code : 312022**

7	Hotel Front Office Operations	Dubai College of Tourism	https://www.coursera.org/learn/hotel-front-office-operations#modules	02 Hrs.	Designed for aspiring and entry-level hospitality professionals, this comprehensive course provides a thorough understanding of the hotel front office. You'll gain the knowledge and practical skills needed to excel in roles such as a Front Desk Agent, Receptionist, and Guest Services Representative. Explore the key functions, master guest interactions, manage operations efficiently, and learn strategies to maximize revenue. This course equips you with the confidence and skills to launch a successful career in the world of hotel front office operations.
8	Fundamentals of Hotel and Catering Industry	TimesPro	https://www.skillindigital.gov.in/courses/detail/561f10e1-337b-40f3-871f-165ba67c2922	02 Hrs.	This course provides a comprehensive overview of the hospitality industry, focusing on hotel classification systems and their significance. Students will explore the various components of the hotel and hospitality industry, gaining insight into the operational areas crucial to hotel management. By examining the different sectors within a hotel, participants will understand how each contributes to the overall guest experience.

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9	Food Safety and Hygiene in the Catering Industry	Alison	https://alison.com/course/food-safety-and-hygiene-in-the-catering-industry	3HRS	This free online Food Safety and Hygiene course will teach standard food safety guidelines for the catering industry. Soiled and contaminated foods are not just unpleasant to eat, but can cause serious injury and illness. Having a good command of food safety and hygiene techniques is essential for any food industry professional. This course will teach you how to prevent spoilage and control disease spread during the food handling process.
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SECOND YEAR EXIT COURSE (Online)**Course Code : 312022**

10	Basics of Event Management	Prof. Heena K. Bijli Indira Gandhi National Open University , New Delhi	Swayam portal,ignou	12 weeks	This Course is meant for beginners who are keen to work in the field of event management or for those who want to start their own entrepreneurship. It provides a basic understanding of event management in the context of events and activations, that are rapidly increasing across the world. It presents the importance of event management as a growing profession and a million-dollar industry. The Course takes you through the types, characteristics, advantages and scope of events, and the opportunities in the event industry based on the diversity of events such as Intellectual Properties; Social and Cultural events (weddings, festivals, personal events etc); Managed events like Promotional campaigns/ Activations; MICE; Fairs; Sports; Rural; Digital; Government events and much more
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SECOND YEAR EXIT COURSE (Online)**Course Code : 312022**

11	The Art of Food & Beverage: Service, Sales, and Control	TimesPro	https://www.skillindia.digital.gov.in/courses/detail/02bd1299-02ea-4e28-b750-289fbb480dfc	1 Hour	This comprehensive course is designed to equip students with the essential skills and knowledge required to excel in the food and beverage service industry. The curriculum covers a wide range of topics, from foundational industry insights to specialized service procedures and menu planning. Through a blend of theoretical knowledge and practical applications, students will be well-prepared to meet the dynamic demands of the food and beverage sector.
12	Effective Communication and Etiquettes in Hospitality	TimesPro	https://www.skillindia.digital.gov.in/courses/detail/7a1e412e-8173-4538-afd7-a33dbb388b2f	1 Hour	Our comprehensive course in hospitality industry essentials covers vital aspects crucial for success in the field. From honing impeccable listening skills to mastering industry-specific vocabulary, participants will develop the necessary acumen to excel in customer service roles. Emphasis is placed on grooming standards tailored for the hotel and hospitality sector, alongside refining telephone and workplace etiquettes essential for fostering positive guest experiences.

SECOND YEAR EXIT COURSE (Online)**Course Code : 312022**

13	Healthy and Sustainable Foods	University of Michigan	https://www.coursera.org/learn/healthy-sustainable-foods	16 Hours	<p>This course focuses on healthy and sustainable foods. After reviewing the crucial role of food for both health and the environment, we first look at the carbon footprint and environmental impacts of multiple ingredients and more complex foods. We also detail a health-based approach to quantify the impact of 5000+ individual foods on health, expressed in minutes of life lost and gain per serving. We then analyze trade-offs and targeted changes that can bring substantial health and environmental benefits with less than 10% caloric change. We finally address the health and sustainable performances of various diets, looking at disparities between gender, races and diets.</p>
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SECOND YEAR EXIT COURSE (Online)**Course Code : 312022**

14	Food and Wine Pairing	The State University of New York	https://www.coursera.org/learn/food-wine-pairing	10 Hours	This course delves into the intricate relationship between wine and food. Students will explore the fundamental principles of taste, flavor profiles, and sensory perception as they relate to both wine and food. Through a combination of theoretical knowledge and practical application, participants will develop a sophisticated understanding of wine and food pairing, enabling them to select and recommend complementary pairings confidently.
15	Understanding Food Labels and Portion Sizes	National Academy of Sports Medicine	https://www.coursera.org/learn/understanding-food-labels-and-portion-sizes	2 Hours	All of us have struggled to decipher the long list of ingredients and recommendations on our food labels. This course provides a deeper understanding of labeling standards and methods for estimating food portions essential for informed decision-making and healthy eating behaviors. You will learn the foundations of reading food labels (including supplement facts labels) as well as common obstacles faced when portioning food.

SECOND YEAR EXIT COURSE (Online)**Course Code : 312022**

16	HACCP Food Safety System for Restaurants and Other Catering Services	Alison	https://alison.com/course/haccp-food-safety-system-for-restaurants-and-other-catering-services#google_vignette	4 Hours	This free online course on 'HACCP Food Safety System for Restaurants and other Catering Services' will teach you a step-by-step approach to implementing the HACCP system, its preliminary steps and principles in your catering business of any size. You will learn how to establish this system along with its procedures and documents to ensure the safety of food items and dishes being prepared and served in your catering establishment.
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Programme group : Chemical(Polymer)

1	Rubber quality Assurance supervisor	NSDC	RSC/QO401	24week	
2	Rubber Kneader operator	NSDC	RSC/QO401	24 week	
3	Rubber Latex compounding	NSDC	RSC/QO401	24 week	

Programme Group- Printing Technology

1	Startup India Learning Program (Free as on date)	DPIIT, Startup India, a GOI initiative and Upgrad	https://www.startupindia.gov.in/content/sih/en/learning-and-development_v2.html	4 weeks	Startup India Learning Program is a free online Entrepreneurship program by Startup India, a GOI initiative. Invest India in collaboration with UpGrad has developed this program. The aim is to help entrepreneurs get their ideas and ventures to the next level through structured learning. The program covers lessons on key areas of starting up by 40+ top founders of India in an extensive 4-Week Program.
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SECOND YEAR EXIT COURSE (Online)**Course Code : 312022**

2	Social Media Marketing-Part 1, 2 and 3 (Free as on date)	Infosys Springboard	<p>(i) https://infyspringboard.onwingspan.com/web/en/app/toc/lex_auth_01384780775380582455283_shared/overview</p> <p>(ii) https://infyspringboard.onwingspan.com/web/en/app/toc/lex_auth_01384781290390323255293_shared/overview</p> <p>(iii) https://infyspringboard.onwingspan.com/web/en/app/toc/lex_auth_01384781016086118455304_shared/overview</p>	6 weeks	The course is a video based Training. This Bundle for Marketing Courses contains lectures that cover a wide array of issues and concepts that you will face when you dive into marketing.
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SECOND YEAR EXIT COURSE (Online)**Course Code : 312022**

3	The Complete Web Development Training Courses, Web Design Courses (Free as on date)	Infosys Springboard	https://infyspringboard.onwingspan.com/web/en/app/toc/lex_auth_01384288828007219225639_shared/overview	6 weeks	The online web development training is a whole package for anyone who wishes to be a good web developer. It is an online course that provides you with the knowledge from the basic level to the advanced level of web development training. The aim of complete online web development training program is to make you learn HTML5, Structuring Pages with the help of Semantic Elements, Writing Mark Up in a better and meaningful manner, Building Web Forms that can be classified as best, Basic of Canvas, Anatomy of Style, Introduction of CSS3, Applied CSS, Text Formatting, Margins Padding, Formatting of Tables, Elements Sectioning, Position Elements, Introduction To PHP, PHP elements etc. It wont be wrong to say that web design is a bit intimidating. And this is not because it actually is difficult but because it consists of newer things to be learned daily, just a few new techniques and even if you are a professional web designer it can confuse you. It changes on regular basis but the truth be told if you are good at basics then nothing
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SECOND YEAR EXIT COURSE (Online)**Course Code : 312022**

				can fear you. But there is no need to be worried because you have got an experienced teacher available with you all the time to guide you.
4	Digital Marketing	National Institute of Electronics & Information Technology, Aurangabad	https://docs.google.com/forms/d/e/1FAIpQLSdTAgFa-KLfb2ZctGFdoquCNW9sSWIyowCGw0zD07mIsWtsEw/viewform	6 weeks At a high level, digital marketing refers to advertising delivered through digital channels such as search engines, websites, social media, email, and mobile apps. Using these online media channels, digital marketing is the method by which companies endorse goods, services, and brands. Consumers heavily rely on digital means to research products. For example, Think with Google marketing insights found that 48% of consumers start their inquiries on search engines, while 33% look to brand websites and 26% search within mobile applications.
5	Advance Your Skills in Graphic Design	DPIIT, Startup India, a GOI initiative and Upgrad	https://www.linkedin.com/learning/paths/advance-your-skills-in-graphic-design?u=104	4 weeks Graphic designers create visual concepts that inspire, inform, and transform. Explore the foundations in this path, then learn the latest Adobe tools in the "Learn Adobe Photoshop, InDesign, and Illustrator" learning path.

SECOND YEAR EXIT COURSE (Online)**Course Code : 312022**

6	Developing Soft Skills and Personality	NPTEL	https://nptel.ac.in/courses/109104107	4 weeks	The course aims to cause a basic awareness about the significance of soft skills in professional and inter-personal communications and facilitate an all-round development of personality. Hard or technical skills help securing a basic position in ones life and career. But only soft skills can ensure a person retain it, climb further, reach a pinnacle, achieve excellence, and derive fulfilment and supreme joy. Soft skills comprise pleasant and appealing personality traits as self-confidence, positive attitude, emotional intelligence, social grace, flexibility, friendliness and effective communication skills.
Programme. Travel and Tourism					

SECOND YEAR EXIT COURSE (Online)**Course Code : 312022**

1	Advances in Tourism Marketing	<p>Swayam Portal</p> <p>By Dr. Anurag Jain, Dr. Vishal Soodan CMS Business School, Bangalore, JAIN (Deemed to be University)</p>	<p>https://onlinecourses.swayam2.ac.in/imb25_mg74/preview</p>	10 weeks	<p>This course provides a comprehensive introduction to the exciting world of tourism. The course has been designed to delve into understanding of tourist behaviour and analyzing effective tourism strategies. The course aims to enable learners in understanding the changing paradigms of tourism. At the beginning the course will cover the introduction to services marketing followed by the fundamentals of tourism marketing. Furthermore, the course will enable participants to explore the behaviour of tourists and also focuses on developing strategies for tapping potential tourists.</p>
2	AI in Marketing	<p>Swayam Portal</p> <p>By Prof. Zillur Rahman IIT Roorkee)</p>	<p>https://onlinecourses.nptel.ac.in/noc25_mg06/preview</p>	12 weeks	<p>To develop an understanding of application of AI in marketing management and familiarize students with changes brought in traditional marketing activities due to AI and ethical concerns raised by AI adoption.</p>

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3	Digital Marketing Strategy	Institution:EdinburghX	https://www.edx.org/learn/digital-marketing/the-university-of-edinburgh-digital-marketing-strategy	08 Weeks	<p>Digital marketing is a major component of marketing today. This course will equip you with practical digital marketing skills to help you build your business.</p> <p>You will learn about the digital marketing landscape and how digital technologies can be used to help businesses identify opportunities and minimize risk. Case studies will be used to demonstrate how digital supports business objectives, and how it can set enterprise apart.</p>
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4	Travel Agency Operations	Dubai College of Tourism	https://www.coursera.org/instructor/~169094372	03 Hrs	<p>This comprehensive course is designed for individuals aspiring to be in the travel industry and provides a look into the world of travel agency operations. Gain a foundational understanding of travel agency operations, master client management and booking processes, and learn to create comprehensive travel documentation. By the end of this course, you will be well-equipped to start a successful career as a Travel Agent, Travel Consultant, or in related roles within the travel and tourism sector, providing exceptional travel experiences and contributing to the overall success of a travel agency.</p>
5	Counter Sales Executive - Tourism & Hospitality	Tourism & Hospitality Skill Council	https://www.skillindiadigital.gov.in/courses/detail/91f96304-4601-4568-84ec-4a994d2eb6f5	07 Hrs.	<p>The individual at work receives guests, answers their queries, takes down their orders, handle online food and beverage orders, transfers orders to the kitchen, instructs the kitchen staff, serves guests, ensures timely delivery of the order to the customer and maintains the QSR as per organizational policy.</p>

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6	Front Desk and Telephone Operations (Paid 1499/-)	G O BPO Services Private Limited	https://www.skillindiadigital.gov.in/courses/detail/1c311296-a77f-4c7c-8360-9a0bfd25958c	20 Hrs.	<p>Training in reception and front office executive. Under Reception Duties we would cover areas like Pre-shift briefings. Efficiently handle reservations, check-ins, room changes, and guest records. Manage room extensions, group check-ins, and VIP services etc. Under Front Desk Operations: Learn room discount policies, VIP management, and reception responsibilities. Perform credit adjustments, manage special requests, cash handling, and impress money. Prepare guest folios, process late departures, and handle various charges. Ensure accurate settlement by card or cash and prepare shift-end balances. Include meal plan management in duties. Etc. Other Administrative Tasks include: Requisition and store office supplies. Guest check-ins and departures, Front office cashier responsibilities, night shift procedures, and handle incidents. We also cover Telephone Management, Developing effective telephone manners, managing external and internal calls, manage wake-up call requests,</p>
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					including for groups etc.
7	Certificate Course in Customer Service Excellence (Tourism)	Reliance Foundation Skilling Academy	https://www.skillindiadigital.gov.in/courses/detail/68b52c77-2153-4fe0-845b-3d76037cd675	3 Hrs.	This Certificate Course in Customer Service Excellence (Tourism) delves into the world of tourism, exploring its economic impact and identifying key tourist segments. Besides effective communication skills, participants will gain a strong foundation in customer service principles across different touchpoints in the travel journey. Furthermore, the course explores technology tools like social media, mobile apps, and data analysis to personalize the customer experience and drive continuous improvement.

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8	Hotel Front Office Operations	Dubai College of Tourism	https://www.coursera.org/learn/hotel-front-office-operations#modules	02 Hrs.	<p>Designed for aspiring and entry-level hospitality professionals, this comprehensive course provides a thorough understanding of the hotel front office. You'll gain the knowledge and practical skills needed to excel in roles such as a Front Desk Agent, Receptionist, and Guest Services Representative. Explore the key functions, master guest interactions, manage operations efficiently, and learn strategies to maximize revenue. This course equips you with the confidence and skills to launch a successful career in the world of hotel front office operations.</p>
9	Fundamentals of Hotel and Catering Industry	TimesPro	https://www.skillindigital.gov.in/courses/detail/561f10e1-337b-40f3-871f-165ba67c2922	02 Hrs.	<p>This course provides a comprehensive overview of the hospitality industry, focusing on hotel classification systems and their significance. Students will explore the various components of the hotel and hospitality industry, gaining insight into the operational areas crucial to hotel management. By examining the different sectors within a hotel, participants will understand how each contributes to the overall guest experience.</p>

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10	Tourism - Marketing and Promotion	Alison	https://www.shiksha.com/online-courses/tourism-marketing-and-promotion-course-alis1147	02 Hrs.	<p>This free online course on marketing and promotional campaigns for tourism will teach you the do's and don't of a promotional tourism campaign, teaching you how to identify a target audience, and understand your customers' purchasing process</p> <p>This course will teach you how to identify each challenge and show you the best ways to overcome them</p> <p>It will then discuss the target audiences of tourism promotion and describe how promoters can create effective campaign materials that will appeal to both intermediaries and customers</p> <p>You will also cover the advertising methods commonly used to promote tourism and outline their advantages and disadvantages</p> <p>This course will teach you the 6 stages of this process and explain how the process can be used to determine the objectives of a promotional tourism campaign</p> <p>You will study how tourists interact with a marketing campaign and how these</p>
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					campaigns help tourists to understand what the product has to offer
11	Travel and Tourism Management	Alison	https://www.shiksha.com/online-courses/travel-and-tourism-management-course-alis1143	02 Hrs.	<p>The hospitality industry is often cited as one of the largest industries in the world, contributing a significant quota to the global GDP</p> <p>This free online course aims to help develop your management skills in the travel and tourism sectors of the hospitality industry</p> <p>This course will differentiate between business and leisure tourism and travel</p> <p>First, we will consider the motivating factors for tourism, the three primary categories of tourist destinations and the components of tourism products and services</p> <p>Then we will identify the many encompassing functions and responsibilities of a travel and tour operator</p> <p>We will also explore the effects of Brexit and the challenges to productivity in the tourism industry and crisis and transport management procedures.</p>

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12	Travel Agent and Consultant Training	Alison	https://www.shiksha.com/online-courses/travel-agent-and-consultant-training-course-alisl145	02 Hrs	<p>This free online course examines the roles and duties of a travel agent in the tourism industry</p> <p>Explore the two main types of travel agencies and consider why travel consultants must adapt to and utilize new technologies to remain financially viable in the tourism industry</p> <p>Learn the foremost principles and practical techniques for building a professional career in travel retailing, travel agency and travel consulting</p> <p>In this course, we will reveal the two main types of travel agencies and the essential duties and tasks of the travel agents</p> <p>Next, we will examine travel and tourism and demonstrate their different classifications</p> <p>We will also discuss the primary responsibilities of a human resource manager, the methods for crisis management and how to effect sustainable tourism development</p>
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13	Tourism - Introduction to Travel Patterns and Destinations	Alison	https://www.shiksha.com/online-courses/tourism-introduction-to-travel-patterns-and-destinations-course-alisl146	02 Hrs	<p>This free online Tourism course will give you an introduction to travel patterns and destinations</p> <p>With this course, you will learn how tourists choose their travel destinations</p> <p>Different people travel for different reasons and understanding the factors that affect travel can be helpful for managing or planning any tourist facility or event</p> <p>This course begins by describing the travel patterns of tourists and the basic reasons why people spend their hard-earned money on traveling</p> <p>It will then discuss the six main types of pleasure trips and at the same time outline how each of these trips benefits the tourist industry</p> <p>You will also look into the 4 main types of business trips and describe how airlines and hotels can earn customer loyalty</p> <p>It will also discuss how snow resorts have developed in popularity and teach you the essential factors needed to establish a successful one</p>
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				Finally, you will also look into the main types of cities and the tourist attractions found in each
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14	Tourism - Introduction to Travel Patterns and Destinations	Alison	https://www.shiksha.com/online-courses/tourism-introduction-to-travel-patterns-and-destinations-course-alis1146	4 to 6 weeks	<p>This free online Tourism course will give you an introduction to travel patterns and destinations</p> <p>With this course, you will learn how tourists choose their travel destinations</p> <p>Different people travel for different reasons and understanding the factors that affect travel can be helpful for managing or planning any tourist facility or event</p> <p>This course begins by describing the travel patterns of tourists and the basic reasons why people spend their hard-earned money on traveling</p> <p>It will then discuss the six main types of pleasure trips and at the same time outline how each of these trips benefits the tourist industry</p> <p>You will also look into the 4 main types of business trips and describe how airlines and hotels can earn customer loyalty</p> <p>It will also discuss how snow resorts have developed in popularity and teach you the essential factors needed to establish a successful one</p>
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15	Tourism - Retail Travel Sales	Alison	https://www.shiksha.com/online-courses/tourism-retail-travel-sales-course-alis1144	4 to 6 weeks	<p>This online course will teach you about the important methods used to create an appealing tourism product, as well as how it is packed and sold to consumers</p> <p>The tourism industry offers its customers a wide variety of products and experiences, but the work that goes into packaging and presenting these products is highly skilled and requires a great degree of knowledge and expertise</p> <p>This online course will teach you about the role of tour wholesalers in the tourism industry and the practical benefits of package holidays</p> <p>You will study the four types of package holidays which include independent, hosted, group tours, and special format</p> <p>You will also learn the methods tour wholesalers use to make their products appealing to customers</p> <p>Furthermore, in this free online course, you will learn about the role of retail travel agencies in the tourism industry</p> <p>Next, you will be learning about the</p>
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					government regulations regarding travel agencies as well as how online travel retail agencies developed, and how they affect the travel industry
Programme group- Surface Coating Technology					
1	Six Sigma Black Belts: Team facilitation and Leadership	Infosys Springboard	https://infyspringboard.onwingspan.com/web/en/app/toc/lex_auth_0135015520542556167137/overview	1h 44 m	Six Sigma Black Belts must possess specific qualities to succeed throughout the deployment cycle. Some of these qualities include effective leadership, motivation, team building, and communication. As team leaders, Six Sigma Black Belts need to know how to facilitate teams and apply motivational techniques to achieve assigned goals.
2	Overview of Personality Development Training	Infosys Springboard	https://infyspringboard.onwingspan.com/web/en/app/toc/lex_auth_01384266139829043220223_shared/overview	1h 35 m	Overview of Personality Development Training: Personality characters are stated as moderately continuing patterns of opinions, feelings, and Behaviors that discriminate persons from one another.

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3	Management Process - Roles, Behaviour & Skills	Infosys Springboard	https://infyspringboard.onwingspan.com/web/en/app/toc/lex_auth_0138417947613839364161_shared/overview	2h 39 m	In more recent times, it has come to be defined less as a discrete activity, the preserve of a single discipline (accountancy, engineering, HRM, etc.) and more as a process which cross-cuts all organizational functions, an integrating force for relating the myriad activities within an organization to serve overall goals. Management work varies so much.
4	Management & Leadership	Infosys Springboard	https://infyspringboard.onwingspan.com/web/en/app/toc/lex_auth_0138418497944207365690_shared/overview	1h 45 m	Through this course on Management & Leadership, you will be learning about introduction to management, the meaning of management, and the concept of management.
5	Management & Leadership	Infosys Springboard	https://infyspringboard.onwingspan.com/web/en/app/toc/lex_auth_0138418497944207365690_shared/overview	1h 45 m	Through this course on Management & Leadership, you will be learning about introduction to management, the meaning of management, and the concept of management.
6	Presentation Skills	Infosys Springboard	https://infyspringboard.onwingspan.com/web/en/app/toc/lex_auth_012691676132712448202/overview	1h 04 m	This course provides a comprehensive overview of all the elements involved in delivering impactful business presentation.

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7	Barriers To Communication	Infosys Springboard	https://infyspringboard.onwingspan.com/web/en/app/toc/lex_auth_01384780993139507254304_shared/overview	1h 54 m	In this course you will learn about Barriers To Communication. You will learn in detail about Assumptions Emotions Language Differences, Active Listening, Appropriate Body Language Question Humor etc.
8	Mass Communication and Customers	Infosys Springboard	https://infyspringboard.onwingspan.com/web/en/app/toc/lex_auth_01384286232727552025818_shared/overview	2h 28 m	Mass Media distribution channels aim is to make the flow of message distributed to single audience preferably. It has been a source of information for the audience as well entertainment. Earlier the medium of entertainment were radios, books reading, plays, street shows.
9	Personality, Attitudes & Work Behaviour Training	Infosys Springboard	https://infyspringboard.onwingspan.com/web/en/app/toc/lex_auth_0138418369075937285004_shared/overview	1h 46 m	Individuals bring a number of differences to work. They have a variety of personalities, values, and attitudes. When they enter into organizations, their stable or transient characteristics affect how they behave and perform. Moreover, companies hire people with the expectation that they have certain knowledge, skills, abilities, personalities, and values

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10	Tips to enhance Personality	Infosys Springboard	https://infyspringboard.onwingspan.com/web/en/app/toc/lex_auth_0138418197735096325058_shared/overview	1h 51 m	In this course you will learn about Tips to enhance Personality. You will learn in detail about Fundamental techniques in handling people, Assertive leadership, Personality types and leadership qualities etc.
11	Attitude Development	Infosys Springboard	https://infyspringboard.onwingspan.com/web/en/app/toc/lex_auth_01384217933339033614843_shared/overview	2h 10 m	This is an introductory course in order to understand the basics of Attitude and sources of attitude. These tutorials will help you understand What is attitude all about, Components of attitude and approaches to decision making , Features of attitude and the different sources from which it originates, the factors contributing to attitude formation and Measurement of attitudes using different scales and finally the Attitude & the change persuasion.
Programme Group-Dress Designing and Garment Mfg.					
1	Apparel Production & Quality Management			4 to 6 weeks	IS 12675 (1989): A guide to garment quality that covers the entire manufacturing process, from design to packaging. It includes information on the stages of garment manufacturing, the materials to use, and how to inspect and label materials.
2	Specialized Clothing Construction			4 to 6 weeks	IS 16890: 2018: A specification for protective clothing for firefighters

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3	Specialized Clothing Construction			4 to 6 weeks	IS 15748: 2007: A specification for protective clothing for industrial workers exposed to heat.
4	Apparel Production & Quality Management			4 to 6 weeks	IS 14452 is a standard for garment labeling that uses symbols to indicate care instructions.
5	1-Techniques Of Pattern Making 2-Garment Construction Technique 3- Apparel Production & Quality Management			4 to 6 weeks	IS 10397: Guide for sizing systems for clothes
6	Fashion Merchandising			4 to 6 weeks	IS 4039 : 1975 Code for packaging of ready-made garments for export
7	Innovative Textile Techniques			4 to 6 weeks	IS 12619 : 2022: The printing industry safety code
8	Pattern Drafting & Construction			4 to 6 weeks	ISO 10821:2005(en) is an International Standard that provides safety requirements for industrial sewing machines, units, and systems. The standard was prepared by Technical Committee ISO/TC 148, Sewing machines.
9	1.Graphic Designing 2. Digital Apparel Development			4 to 6 weeks	Graphic technology Print quality requirements for printed matter Part 2: Commercial print applications utilizing digital printing technologies

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10	Apparel Production & Quality Management			4 to 6 weeks	The ISO 4915:1991 standard is for the classification and terminology of stitch types in textiles. The standard was last reviewed and confirmed in 2021, and is still current
11	Apparel Production & Quality Management			4 to 6 weeks	ISO 4916:1991 Textiles — Seam types — Classification and terminology
12	Indian Craft Practices			4 to 6 weeks	Cultural property and heritage. Including conservation of collections and equipment and materials for creating items of art and handicrafts
13	Fundamentals Of Fashion Drawing			4 to 6 weeks	Tubular tips for hand-held technical pens using India ink on tracing paper
14	Sewing Techniques Portfolio			4 to 6 weeks	ISO 10821:2005 Industrial sewing machines — Safety requirements for sewing machines, units and systems
1. Programme- Food Technology					
1	Food Technology	Ministry of skill Development and Entrprenership	https://www.skillindiadigital.gov.in/	16 hrs	Spice Grinding Business
2	Food Technology	Ministry of skill Development and Entrprenership	https://www.skillindiadigital.gov.in/	4 hrs	FoSTaC - Basic Manufacturing and FoSTaC - Basic Retail and Distribution
3	Food Technology	AICTE	http://free.aicte-india.org/data-analytics-using-R.php	8 hrs	Data Analytics using R
4	Food Technology	Ministry of skill Development and Entrprenership	https://www.skillindiadigital.gov.in/courses	8 hrs	Cold Storage Technician and Fish and Sea Food Processing Technician

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5	Food Technology	Ministry of skill Development and Entrprenership	https://www.skillindiadigital.gov.in/courses	8 hrs	Pickle Making Technician and Jam, Jelly and Ketchup Processing Technician
6	Food Technology	Ministry of skill Development and Entrprenership	https://www.skillindiadigital.gov.in/courses	12hrs	Organic Farming Business
7	Food Technology	Ministry of skill Development and Entrprenership	https://www.skillindiadigital.gov.in/courses	12hrs	Dairy Farming Business
1. Skill Oriented Exit Courses For Fashion & Clothing Technology					
1	Creating sustainable fashion	ISB Free online courses on fashion design (coursesity)	https://coursesity.com/course-detail/fashion-and-sustainability-online-course	6 weeks	<ul style="list-style-type: none"> • Why Sustainability in Fashion? • Contextualizing Sustainability for a Changing World • Material Dimensions: Sourcing for luxury fashion • Informed Decision Making: Tools and methods • Creative Possibilities
2	Creating fashion design	ISB Free online courses on fashion design (coursesity)	https://coursesity.com/course-detail/fashion-design-and-creation	3 months	<p>In this course, you will learn:</p> <ul style="list-style-type: none"> • How to produce made-to-measure garments using body measurements. • Patterns for certain clothing and how to make them. • How to put clothes together. • How to design clothing for the fashion industry.

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3	Textile designing on jacquard	NSDC	https://nsdcindia.org/sites/default/files/MC_TSC-Q7403_Textile-Designer---Handloom-Jacquard.pdf	300 Hrs	This program is aimed at training candidates for the job of a "Textile Designing Handloom Jacquard", in the "Textile" Sector/Industry
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MSBTE Approval Dt. 01/10/2024**Semester - 2, K Scheme**