

1. भारत सरकार से मान्यता प्राप्त ऑनलाईन प्लेटफार्मो (जैसे SWAYAM/AICTE/IIT/MOOCs/NPTLE etc) द्वारा प्रस्तावित उपलब्ध कौशल विकास पाठ्यक्रम के माध्यम से।

SWAYAM पोर्टल :

Programme	URL
1 Advanced Engineering Mathematics	https://onlinecourses.nptel.ac.in/noc23_ma90/preview
2 Advance Course In Social Psychology	https://onlinecourses.nptel.ac.in/noc23_hs82/preview
3 Advanced Thermodynamics And Combustion	https://onlinecourses.nptel.ac.in/noc23_me101/preview
4 Analytical Chemistry	https://onlinecourses.nptel.ac.in/noc23_cy59/preview
6 Ancient Indian Management	https://onlinecourses.swayam2.ac.in/aic22_ge19/preview
7 Animal Physiology	https://onlinecourses.nptel.ac.in/noc23_bt67/preview
8 Applied Linguistics	https://onlinecourses.nptel.ac.in/noc23_hs95/preview
9 Artificial Intelligence : Search Methods For Problem Solving	https://onlinecourses.nptel.ac.in/noc23_cs92/preview
10 Business To Business Marketing	https://onlinecourses.nptel.ac.in/noc23_mg120/preview
11 C and C++	https://onlinecourses.swayam2.ac.in/aic20_sp06/preview
12 Chemical Crystallography	https://onlinecourses.nptel.ac.in/noc23_cy37/preview
13 Classical Sociological Theory	https://onlinecourses.nptel.ac.in/noc23_hs102/preview
14 Conservation Geography	https://onlinecourses.nptel.ac.in/noc23_bt54/preview
15 Drug Delivery: Principles And Engineering	https://onlinecourses.nptel.ac.in/noc23_bt37/preview
16 E-Business	https://onlinecourses.nptel.ac.in/noc23_mg88/preview
17 Ecology And Society	https://onlinecourses.nptel.ac.in/noc23_hs130/preview
18 Economics Of Banking And Finance Markets	https://onlinecourses.nptel.ac.in/noc23_ec02/preview
19 Economics Of Innovation	https://onlinecourses.nptel.ac.in/noc23_ec03/preview
20 Educational Leadership	https://onlinecourses.nptel.ac.in/noc23_hs143/preview
21 Engineering Geology	https://onlinecourses.nptel.ac.in/noc23_ce107/preview
22 Environmental & Resource Economics	https://onlinecourses.nptel.ac.in/noc23_ec04/preview
23 Environmental Science	https://onlinecourses.nptel.ac.in/noc23_hs155/preview
24 Experimental Physics I	https://onlinecourses.nptel.ac.in/noc23_ph37/preview
25 Fundamentals Of Protein Chemistry	https://onlinecourses.nptel.ac.in/noc23_cy56/preview
26 History Of English Language And Literature	https://onlinecourses.nptel.ac.in/noc23_hs107/preview
27 Human Resource Development	https://onlinecourses.nptel.ac.in/noc23_hs141/preview
28 Indian Art: Materials, Techniques And Artistic Practices	https://onlinecourses.nptel.ac.in/noc23_hs124/preview
29 Indian Society: Sociological Perspectives	https://onlinecourses.nptel.ac.in/noc23_hs78/preview
30 Introduction To Basic Spoken Sanskrit And Intermediate Level Of Spoken Sanskrit	https://onlinecourses.nptel.ac.in/noc23_hs139/preview
31 Introduction To Developmental Biology	https://onlinecourses.nptel.ac.in/noc23_bt43/preview
32 Introduction To Internet Of Things	https://onlinecourses.nptel.ac.in/noc23_cs83/preview
33 Introduction To Japanese Language And Culture	https://onlinecourses.nptel.ac.in/noc23_hs120/preview
34 Introduction To Language And Linguistics	https://onlinecourses.nptel.ac.in/noc23_hs87/preview
35 Introduction To Market Structures	https://onlinecourses.nptel.ac.in/noc23_hs134/preview
36 Introduction To Marketing Essentials	https://onlinecourses.nptel.ac.in/noc23_mg122/preview
37 Introduction To Microeconomics In Hindi And Without Calculus	https://onlinecourses.nptel.ac.in/noc23_ec01/preview
38 Learning Analytics Tools	https://onlinecourses.nptel.ac.in/noc23_ge42/preview
39 Literary And Cultural Disability Studies: An Exploration	https://onlinecourses.nptel.ac.in/noc23_hs111/preview
40 Management Accounting	https://onlinecourses.nptel.ac.in/noc23_mg101/preview
41 Mathematics For Economics - I	https://onlinecourses.nptel.ac.in/noc23_hs136/preview
42 Neuroscience Of Human Movements	https://onlinecourses.nptel.ac.in/noc23_ge34/preview

43	Partition Of India In Print Media And Cinema	https://onlinecourses.nptel.ac.in/noc23_hs150/preview
44	Performative Gender And Religions In South Asia	https://onlinecourses.nptel.ac.in/noc23_hs88/preview
45	Poetry	https://onlinecourses.nptel.ac.in/noc23_hs103/preview
46	Principles Of Economics	https://onlinecourses.nptel.ac.in/noc23_ec06/preview
47	Psychology Of Learning	https://onlinecourses.nptel.ac.in/noc23_hs85/preview
48	Public Speaking	https://onlinecourses.nptel.ac.in/noc23_hs151/preview
49	Quantitative Investment Management	https://onlinecourses.nptel.ac.in/noc23_mg111/preview
50	Science, Technology And Society	https://onlinecourses.nptel.ac.in/noc23_hs131/preview
51	Scientific Computing Using Python	https://onlinecourses.nptel.ac.in/noc23_ph46/preview
52	Soft Skills	https://onlinecourses.nptel.ac.in/noc23_hs145/preview
53	Sociology Of Development	https://onlinecourses.nptel.ac.in/noc23_hs135/preview
54	सन्धि Sandhi In Paninian Grammar	https://onlinecourses.nptel.ac.in/noc23_hs137/preview
55	समास Samāsa In Pāṇinian Grammar- II	https://onlinecourses.nptel.ac.in/noc23_hs79/preview

AICTE पोर्टल पर उपलब्ध पाठ्यक्रमों की सूची :

Sl. No.	Programme Name	URL
1	Machine Learning using Python	https://free.aicte-india.org/Machine-Learning-with-Python.php
2	Data Analytics using R	https://neat.aicte-india.org/course-details/NEAT2020621_PROD_4
3	Big Data 101	http://free.aicte-india.org/BigData101.php
4	Introduction to R	https://free.aicte-india.org/Introduction-to-R.php
5	Java Programming	https://free.aicte-india.org/Java-Programming-in-Hindi.php
6	Data Science for Beginners/ Python for Data Science	https://free.aicte-india.org/Data-Science-with-Python.php
7	Digital Marketing	https://neat.aicte-india.org/course-details/NEAT2020614_PROD_2
8	MATLAB Onramp	http://free.aicte-india.org/MATLAB-Onramp.php
9	Machine Learning Onramp	http://free.aicte-india.org/machine-learning-Onramp.php
10	Deep Learning Onramp	http://free.aicte-india.org/Deep-Learning-Onramp.php
11	AI/ML Internship	https://internship.aicte-india.org/internship-details.php?uid=INTERNSHIP164369604461f8cfac4a2b2&level=4
12	Financial Management	https://neat.aicte-india.org/course-details/NEAT2020622_PROD_2
13	Online Internship in Financial Analysis Basics	http://free.aicte-india.org/Online-internship-in-financial-analysis-basics.php
14	Free App-based Courses for Communication Skills and Interview Preparation	http://free.aicte-india.org/communication-skills-and-interview-preparation.php
15	Virtual Robotics Toolkit(VRT)	http://free.aicte-india.org/virtual-robotics-toolkit.php
16	CAD using Autodesk Inventor	https://neat.aicte-india.org/course-details/NEAT2020621_PROD_1
17	GATE Exam Preparation	http://free.aicte-india.org/GATE-Exam-Preparation.php
18	Introduction to Banking	http://free.aicte-india.org/Introduction-to-Banking.php
19	Introduction to UPSC (NCERT Product)	http://free.aicte-india.org/Introduction-to-UPSC.php
20	Ultra-concurrent Remote laboratory	http://free.aicte-india.org/Ultra-concurrent-Remote-laboratory.php
21	Emona Remote Lab Experiments in Electronics and Telecommunications	http://free.aicte-india.org/Emona-Remote-Lab-Experiments-in-Electronics-and-Telecommunications.php

2. उत्तराखण्ड मुक्त विश्वविद्यालय हल्द्वानी द्वारा प्रस्तावित पाठ्यक्रमों की उपलब्ध सूची

Sl. No.	Programme Name	Semester I	Semester II	Semester III	Semester IV
1	Right to Information	Background and Introduction of Right to Information (CRTI-101)	Application of Right to Information (CRTI-102)	Judiciary and Important Legislatures Effecting RTI (CRTI-103)	Constitutional and Comparative study of RTI (CRTI-104)
2	Cyber Space and Data Protection	Fundamentals of Cyber Space & the Emerging Jurisprudence (CYC-101)	Intellectual Property Issues & Cyberspace-The Indian Perspective (CYC-102)	E-Commerce & Digital Evidence (CYC-103)	Cyber Crimes & Consumer Protection in Cyberspace (CYC-104)
3	Web Designing and Development	ICT Resources & Technology Enabled Learning	Fundamental of Web Designing	Website Publishing and Configuration	Advanced Web Development
4	Communications Skills and Personality Development	ICT Resources & Technology Enabled Learning	Technical Communication skills	Personality Development	ICT Skills for Leadership
5	E-Office Management	ICT Resources & Technology Enabled Learning	Introduction to E-Office	Tools for E-Office Management	Report Preparation, Formatting and Data Management
6	Digital Marketing and Management	Introduction to Digital Marketing	Social Media Application for Business	Digital Ecosystem and Freelancing	Digital Promotional Strategies
7	Computer Programming	Introduction to Computer Programming using C (BCA-02)	Introduction to Information Technology (CCA-01)	DBMS (MCS-505)	Web Technology (MCS-E1)
8	Cyber Security	Introduction to Cyber Security (FCS)	Fundamental of Information Security (MIT(CS)-101)	Cyber Security Technique (MIT(CS)-102)	Digital Forensics (MIT(CS)-202)

3- कौशल विकास एवं रोजगार विभाग उत्तराखण्ड द्वारा प्रस्तावित पाठ्यक्रमों की उपलब्ध सूची

Small Organic Cultivator	Panchakarma Technician
Dairy Farmer/Entrepreneur	Domestic Data Entry Operator
Beekeeper	Inventory, Materials Manager
Mushroom Grower (Entrepreneur)	Secretary
Self Employed Tailor	Fitness Trainer
Assistant Beauty Therapist	Self-Defense Trainer
Yoga Instructor (B&W)	Front Office Trainee
GST Assistant	Commis Chef
LED Light Repair Technician	Home Stay Host
Jam, Jelly and Ketchup Processing Technician	Naturalist (wildlife tourism)

4. विश्वविद्यालय / महाविद्यालय के अपने संसाधनों से संचालित प्रस्तावित कौशल विकास पाठ्यक्रमों की सूची

Vocational Course					
Sl. No.	Programme	Semester I	Semester II	Semester III	Semester IV
1	Mushroom Cultivation	Introduction Morphology and characteristics of Mushrooms Seed/ Spawn Production Technology	Commercial Cultivation Technology of Button, Milky, Oyster and Medicinal Mushroom	Business Establishment, Management and Marketing Strategies	Project / Field Training/ Internship
2	Bee Keeping	Introduction to Apiculture and its importance Management of Pests and Diseases	Economics of Bee Keeping and business Planning	Hive Products Entrepreneurship	Importance of Beekeeping for Biodiversity Conservation and Rural Development Project / Field Training/ Internship
3	Agri-Business Management and Digital Marketing	Introduction to Agri Business Management and Digital Marketing Agricultural Supply Chain Management	Agricultural Finance and Accounting	Agricultural Marketing	E-Commerce and Social Media Marketing for Agri Business Project/Field Training/Internship
4	Biofertilizers	Biofertilizers-I	Biofertilizers-II	Biofertilizers-III	Biofertilizers-IV
5	Cosmetic and Perfume	Introduction and History	Classification and Adulteration of Natural Products	Care of Skin, Hair and Nails and Eye	Preparation of Perfumes and Trainings
6	Basic Analytical Chemistry	Basic analytical chemistry-I	Basic analytical chemistry-II	Basic analytical chemistry-III	Basic analytical chemistry-IV
7	Mobile app development	Level I	Level II	Level III	Level IV
8	Environmental Geology	Elementary Environmental Geology	Natural Resources	Earth Processes and Disasters	Environmental Problems and Mitigation
9	Quantitative Aptitude and Logical Reasoning	Quantitative Aptitude and Logical Reasoning -I	Quantitative Aptitude and Logical Reasoning -II	Quantitative Aptitude and Logical Reasoning -III	Quantitative Aptitude and Logical Reasoning -IV
10	Vedic Maths	Vedic Arithmetic-I	Vedic Vedic Algebra-II	Vedic Algebra-I	Vedic Algebra-II and Project
11	Scientific Writing and Computing	Methods of Scientific Writing: LaTeX	Visualizing Data with MATLAB: Techniques and Strategies	Programming in Python- I	Programming in Python- II
12	Basic Instrumentation	Basic Instrumentation Skill- I	Basic Instrumentation Skill- II	Basic Instrumentation Skill- III	Project/Field Training/Internship
13	Human Health and General Hygiene	Basic of Nutrition and	Health	General Hygiene and Human Diseases	Human Health Legislation
14	E-Office Management	ICT Resources & Technology Enabled Learning	Introduction to E-Office	Tools for E-Office Management	Report Preparation, Formatting and Data Management

15	Digital Marketing & Management	Fundamental of Digital Marketing	Content Marketing	Social Media Marketing	Digital Advertising
16	Communications Skills & Personality Development	ICT Resources & Technology Enabled Learning	Technical Communication skills	Personality Development	ICT Skills for Leadership
17	भारतीय ज्योतिष विज्ञान	सामान्य परिचय	ज्योतिष वंद्रिका	पंचाग, मूर्हत एवं राषियाँ	इष्टकाल, जन्म कुण्डली निर्माण एवं फलादेश
18	Early Childhood Care and Education	Fundamentals of Early Childhood Care and Education Development	Programme and Planning and Activities	Support Services: Need, strategies and approaches	Planning Appropriate ECCE Curriculum
19	Disaster Management	Introduction to Disaster & Hazards	Types Of Disaster Management	Stages of Disaster Management	Disaster Management
20	Archaeology in India	Introduction of Archacology	Art and Architecture of India (From 6th Century B.C.E. to 12th Century C.E.)	Ancient Indian Numismatics	Cultural Heritage Management
21	Hindustani Music Vocal	PRACTICAL ASPECTS OF INDIAN MUSIC -1	PRACTICAL ASPECTS OF INDIAN MUSIC -2	PRACTICAL ASPECTS OF INDIAN MUSIC -3	PRACTICAL ASPECTS OF INDIAN MUSIC -4
22	Elements of Public Administration	Elements of Public Administration-I	Elements of Public Administration-II	Elements of Public Administration-III	Elements of Public Administration-IV
23	Woman Empowerment	Basic Concepts in Women's Studies	Women and Development	Women, Culture and Media	Introduction to Field Work and Extension
24	Yoga and Naturopathy	Fundamentals of Yoga	Patanjal Yoga Sutra	Yoga Therapy	Yoga & Allied Science (General Introduction of Ayurved & Panchkarama)
25	Food & Nutrition Skills	Food and Bakery Science	Value added product from fruits and vegetables	Food standard and quality control/Food NGOs & Food Service Management	Hand on training on bakery/food preservation and processing centers
26	Therapeutic Nutrition Skills	Basics of Health Promotion and Educational Intervention	Clinical Nutrition	Diest therapy/Nutritio nal Counseling	Experiential learning in diet and nutritional counselling
27	Textile Skills	Fabric Formation and Finishes	Textile Designing/ Textile testing	Handicrafts of Pan India	Hands on training in designing and production in textile
28	Child Development Skills	Family Support Services	Early Childhood Care and Education (ECCE)	Guidance and Counseling/ Intervention of children with developmental challenges	Hands on training in management of early child centers/ preschool centres/anganwadis/ special schools

29	Resource Management Skills	Fundamental of Art & Design	Residential and Commercial space design	Event Management / Interior Designing	Hands on training in event and décor management/ Hands on training on interior designing
30	Extension related skills	Life skills education/ Soft skills	Communication and extension for sustainable development	Survey report writing/ project proposal writing	Rural awareness and work experience (RAWE)

31. Foreign Languages i.e. - German/French/Japanes etc.

Other skill and vocational courses for the faculty :- (IGNOU/ NPTEL/ SWAYAM/ MOOCS)

- Maternal infant young child nutrition
- One health
- Basics of health promotion and education intervention
- Adolescent health and wellbeing: A holistic approach
- Nutrition, therapeutics and health
- Women empowerment and health
- Public health and nutrition
- School counselling
- Role of craft and technology in Interior Architecture
- Textile testing
- Weaving technology
- Foods and nutrition for healthy livings

उक्त कौशल विकास पाठ्यक्रम के अतिरिक्त अगर विश्वविद्यालय एवं महाविद्यालय नये कौशल विकास पाठ्यक्रम को अपने संसाधनों का प्रयोग करते हुए संचालित करना चाहता है, जिसका क्रेडिट निर्धारण उत्तराखण्ड राज्य के समस्त विश्वविद्यालयों तथा महाविद्यालयों में राष्ट्रीय शिक्षा नीति-2020 लागू किये जाने के सम्बन्ध में जारी शासनादेश सं0 46521 / XXIV-C-4/2022-01(06)/2019, दिनांक 01 जुलाई, 2022 में वर्णित प्राविधानों के अनुरूप किया जाना एवं उन पाठ्यक्रमों को विश्वविद्यालय की बी0ओ0एस0 से संस्तुत करवाना अनिवार्य होगा।