SOCIAL AND LIFE SKILLS

: 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./

Programme Name/s 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/ Medical

Electronics/

Production Engineering/ Printing Technology/ Polymer Technology/ Surface Coating

Technology/

Computer Science/ Textile Technology/ Electronics & Computer Engg./ Travel and

Tourism/

Textile Manufactures

: AA/ AE/ AI/ AL/ AN/ AO/ AT/ BD/ CE/ CH/ CM/ CO/ CR/ CS/ CW/ DC/ DD/ DE/

Programme Code DS/ EE/ EJ/ EK/ EP/ ET/ EX/ FC/ HA/ HM/ IC/ IE/ IF/ IH/ IS/ IX/ IZ/ LE/

ME/ MK/ ML/ MU/ PG/ PN/ PO/ SC/ SE/ TC/ TE/ TR/ TX

Semester : Second

Course Title : SOCIAL AND LIFE SKILLS

Course Code : 312003

I. RATIONALE

Rationale: Life skills can be defined as abilities that enable humans to deal effectively with the demands and challenges of life. Social skills are a subset of life skills that are needed for successful, healthy relationships to easily adapt when moving from one social situation to the next. They help regulate our emotions effectively and develop enduring, supportive relationships, we're happier and healthier. This is why developing life skills and eventually social skills is key not only to being successful in life, it's key for our health and well-being. Thus, Teaching of Social and life skills provide students with essentials of knowing, understanding attitudes, values, morals, social skills and better equip them to handle stress and build their self efficacy, self esteem and self confidence.

Note: The course offers five different alternatives(modules) for achieving above outcomes. Students must complete any one module from the following given options.

- a. MODULE-I: Unnat Maharashtra Abhiyan (UMA)
- b. MODULE-II: National Service Scheme (NSS)
- c. MODULE-III: Unniversal Human Values
- d. MODULE-IV: Value Education (Unnati Foundation)
- e. MODULE-V: Financial Literacy (NABARD)

The institute can choose to offer any one MODULE to the groups of the students by taking into consideration the resources required and resources available in the institute. Different group of students maybe offered different MODULE based on their choices.

II. INDUSTRY / EMPLOYER EXPECTED OUTCOME

Demonstrate critical social and life skills ethics, resilience, positive attitude, integrity and self-confidence at workplace and society at large.

III. COURSE LEVEL LEARNING OUTCOMES (COS)

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

- CO1 Enhance the ability to be fully self-aware and take challenges by overcoming all fears and insecurities and grow fully.
- CO2 Increase self-knowledge and awareness of emotional skills and emotional intelligence at the place of study/work.
- CO3 Provide the opportunity to realizing self-potential through practical experience while working individually or in group.
- CO4 Develop interpersonal skills and adopt good leadership behaviour for self-empowerment and empowerment of others.
- CO5 Set appropriate life goals with managing stress and time effectively.

IV. TEACHING-LEARNING & ASSESSMENT SCHEME

			1.74	L	earı	ning	Sche	me				. (A	ssess	ment	Sche	eme				
Course Code	Course Title	Abbr	Course Category/s	Co	ctua onta s./W	ct eek		NLH	Credits	p-c-		The	ory		74	sed o T Prac		&	Base Si	L	Total Marks
	1 1			CL	ŢL	LL				Duration	FA- TH	SA- TH	To	tal	FA-	PR	SA-	PR	SL		Marks
							1			1 1	Max	Max	Max	Min	Max	Min	Max	Min	Max	Min	
1317003	SOCIAL AND LIFE SKILLS	SFS	VEC		X	-	2	2	1	•	-	-	1	-		1	1.	7	50	20	50

Total IKS Hrs for Sem. : Hrs

Abbreviations: CL- ClassRoom Learning, TL- Tutorial Learning, LL-Laboratory Learning, SLH-Self Learning Hours, NLH-Notional Learning Hours, 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

Note:

- 1. FA-TH represents average of two class tests of 30 marks each conducted during the semester.
- 2. If candidate is not securing minimum passing marks in FA-PR of any course then the candidate shall be declared as "Detained" in that semester.
- 3. If candidate is not securing minimum passing marks in SLA of any course then the candidate shall be declared as fail and will have to repeat and resubmit SLA work.
- 4. Notional Learning hours for the semester are (CL+LL+TL+SL)hrs.* 15 Weeks
- 5. 1 credit is equivalent to 30 Notional hrs.
- 6. * Self learning hours shall not be reflected in the Time Table.
- 7. * Self learning includes micro project / assignment / other activities.

V. THEORY LEARNING OUTCOMES AND ALIGNED COURSE CONTENT

C. N.	Theory Learning Outcomes	Learning content mapped with Theory Learning Outcomes (TLO's) and CO's.	Suggested Learning
51.110	(TLO's)aligned to CO's.	Learning Outcomes (TLO's) and CO's.	Pedagogies.

Sr.No	Theory Learning Outcomes (TLO's)aligned to CO's.	Learning Content mapped with Theory	Suggested Learning Pedagogies.
1		Learning Outcomes (TLO's) and CO's. MODULE I : Activities Under Unnat	
1	TLO 1.1 Explain developmental needs and	Maharashtra Abhiyan (UMA)	i) Group discussionii) Role play
	connection of various	1.1 Introduction to Societal Needs and	iii) Case study
	stakeholders	respective stakeholders:	iv) Seminar and presentation
	TLO 1.2 Enlist the local	Regional societal issues that need	11) Semmar and presentation
	problems	engineering intervention	Implementation guidelines
- /	TLO 1.3 Design a	1.2 Multidisciplinary approach-linkages of	suggested
- //	methodology for fieldwork	academia, society and technology	
	TLO 1.4 Select the attributes	1.3 Stakeholders' involvement	The course will be
	of engineering and social	1.4 Introduction to Important secondary	implemented in eight sessions
	system for measurement,	data sets available such as census, district	and fieldwork:
	quantification, and	economic surveys, cropping pattern,	a) Session I - Introduction to
	documentation	rainfall data, road network data etc	development paradigm,
	TLO 1.5 Measure & quantify	1.5 Problem Outline and stakeholders :	fieldwork and case study as
	the quantities / systems	Importance of activity and connection with	
1	parameters	Mapping of system components and	b) Session II - VII - Society,
- 1	TLO 1.6 Write a report using	stakeholders (engineering / societal)	stakeholders and value
- 1	information collected tStudy the data collected from	1.6 Key attributes of measurement	creation, measurements,
- \	fieldwork and conclude the	1.7 Various instruments used for data collection - survey templates, simple	rudimentary analysis and reporting
1	observations	measuring equipments	c) Session VIII - Final closure
	observations	1.8 Format for measurement of identified	session feedback and
		attributes/ survey form and piloting of the	assessment
		same	d) Field work -
		1.9 Fieldwork:	1. Pilot Visit - Pilot of survey
		Measurement and quantifications of local	instrument
		systems such as agriculture produce,	2. Survey Visit 1 - Data
		rainfall, Road network, production in local	gathering / Information
		industries, Produce /service which moves	Collection
		from A to B	3. Survey Visit 2 - Data
		1.10 Analysis and Report writing	gathering
		Report writing containing-	4. Summary Visit - Closure
		1. Introduction of the topic	after analysis
		2. Data collected in various formats such	Mothodology
		as table, pie chart, bar graph etc 3. Observations of field visits and data	Methodology:
		collected.	Considering the nature of the course designed, following
		conected.	points shall be considered
			while implementing the course.
			i) Regroup in the batches of 5-6
			students for conducting the
			fieldwork from the bigger
			group.
			ii) Assign a few batches of the
			students for this course to all
	/ / Lan /		the faculty members.
			iii) A group of course teachers
- /	7.0		will visit local governance
	Annual Control		bodies such as Municipal
			Corporations, Village
-	130		Panchayats, Zilla Parishads,
			Panchayat Samitis to assess the
			small technological /
			engineering needs in their area of work.
	MAY I BE		OI WOIK.

	Theory Leaving Out	Learning content manual	Cuggested I carrie
Sr.No	Theory Learning Outcomes (TLO's) aligned to CO's.	Learning Content mapped with Theory Learning Outcomes (TLO's) and CO's.	Suggested Learning Pedagogies.
			iv) The group of course teachers will carry out initial field visits to evaluate the various possibilities of field visits / various scenarios where in students can conduct field work to measure / quantify the parameters / attributes.
2	TLO 2.1 Adopt a Village or Slum for providing needed services to the community TLO 2.2 Carry out Survey to identify the problems of village community TLO 2.3 Unsertake Special camping about developmental programs TLO 2.4 Establish the liaisons between government and other developmental agencies for the implementations of various development schemes of Government	(NSS) 2.1 Contacting Village/Area Leaders 2.2 Primary socio economic survey of few villages in the vicinity of the institute. 2.3 Selection of the village for adoption - conduct of activities 2.4 Comprehensive Socio Economic Survey of the Village/Area 2.5 Identification of Problem(s) 2.6 Dissemination of information about the latest developments in agriculture, watershed management, wastelands development, non-conventional energy, low cost housing, sanitation, nutrition and personal hygiene, schemes for skill development, income generation, government schemes, legal aid, consumer protection and allied fields. 2.7 A liaison between government and other development agencies for the implementation of various development schemes in the selected village / slum.	(i) The teachers should visit the village / slum before adopting it for NSS activities. (ii) The selected area should be compact. (iii) The community people should be receptive to the ideas of improving their living standard. They should also be ready to coordinate and involve in the projects undertaken by the NSS for their upliftment. (iv) The areas where political conflicts are likely to arise should be avoided by the NSS units. (v) The area should be easily accessible to the NSS volunteers to undertake frequent visits to slums.
3	TLO 3.1 Demonstrate Love and Compassion (Prem and Karuna) in the society TLO 3.2 Follow the path of Truth (Satya) TLO 3.3 Practice Non-Violence (Ahimsa) TLO 3.4 Follow the Righteousness (Dharma) TLO 3.5 Attain Peace (Shanti) in Life TLO 3.6 Provide Service (Seva) to the needy person/community. TLO 3.7 Demonstrate Renunciation (Sacrifice) Tyaga TLO 3.8 Practice Gender Equality and Sensitivity	Values 3.1 Love and Compassion (Prem and Karuna): Introduction, Practicing Love and Compassion (Prem and Karuna) 3.2 Truth (Satya) : Introduction, Practicing Truth (Satya) 3.3 Non-Violence (Ahimsa) : Introduction, Practicing Non-Violence (Ahimsa) 3.4 Righteousness (Dharma) : Introduction, Practicing Righteousness (Dharma) 3.5 Peace (Shanti) : Introduction, Practicing Peace (Shanti) 3.6 Service (Seva) : Introduction, Practicing Service (Seva) 3.7 Renunciation (Sacrifice) Tyaga : Introduction, Practicing Renunciation (Sacrifice) Tyaga 3.8 Gender Equality and Sensitivity: Introduction, Practicing Gender Equality and Sensitivity	i) Lectures ii) Demonstration iii) Case Study iv) Role Play v) Observations vi) Portfolio Writing vii) Simulation viii) Motivational talks by Practitioners ix) Site/Industry Visit

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Sr.No	Theory Learning Outcomes (TLO's) aligned to CO's.	Learning content mapped with Theory Learning Outcomes (TLO's) and CO's.	Suggested Learning Pedagogies.
4	TLO 4.1 Demonstrate	MODULE-IV: Value Education (Unnati	i) Video Demonstrations
	Puntuality appropriately	Foundation)	
	3 11 1	4.1 Punctuality, Icebreaker and Simple	ii) Flipped Classroom
		Greeting, Understanding & Managing	7 11
		Emotions, Introducing Self, The power of	iii) Case Study
		a Positive Attitude, Talking about one's	111) 3000 3000
	TLO 4.2 Practice Cleanliness,	Family, Talking about one's Family,	iv) Role Play
	Hygiene and Orderliness for	Making a Positive Impression, Give word	TV) Teole I kay
	self and others	list for a Word based	v) Collaborative learning
	sen and others	4.2 Cleanliness , Hygiene and Orderliness	v) condocrative learning
		, Likes and Dislikes, Developing	vi) Cooperative Learning
	/ /2 = /	Confidence in Self and Others, Strengths	vi) Cooperative Learning
	TIO 4.2 Talsa Daga angihilita		wii) Challe Daard
- /	TLO 4.3 Take Responsibility	and Weaknesses, Listening Skills,	vii) Chalk-Board
- //	and Calculated Risks	Greeting gestures, Gender Equality and	
		Sensitivity	
		4.3 Responsibility, OCSEM- Visual	1 49
	A STATE OF THE STA	Comprehension and Word Based Learning,	
	TLO 4.4 Demonstrate	Goal Setting – Make it happen, Follow,	
	Gratitude and Appreciations	Like & Share Unnati Social Media -	1 .2
		Facebook / Instagram/ Twitter Introducing	
		Others, Time Management, Talking about	
	TLO 4.5 Show Determination	the daily routine, Money Management	
1.	& Persistence about work	4.4 Gratitude and Appreciation, Asking	
1.		Simple Questions & Asking for the price,	
		Stress Management, Student Referral	
- 1	TLO 4.6 Give Respect as per	process ,Comprehending & Paraphrasing	///
1	the social norms and practice	Information, A Plate of Rice and Dignity	- / · · · · · · /
1		of Labour, Topics for Public Speaking,	/
		Placement Process, OCSEM-E-	
		Newspaper, Critical Thinking to overcome	
		challenges	
	TLO 4.7 Respect Team Spirit	4.5 Determination and Persistence,	
	to the acceptable level	Guiding and Giving Directions, Language	
	to the deceptable level	Etiquette & Mannerism, . Unnati	
		Philosophy, b. Unnati Branding - Follow,	
	TLO 4.8 Practice Caring &	Like & Share Unnati Social Media -	
	Sharing among fellow	Facebook / Instagram/ Twitter, Simple	1.11
	citizens/community	instructions to follow procedures,	
	Citizens/Community	Assertiveness, Give topics for Debate,	
		Describing a person/Objects, Refusal	
	TLO 4.9 Demonstrate	Skills, Word List for Word based Learning	
	Honesty	4.6 Respect, Comparing, OCSEM - Public	
		Speaking, Student referral process,	
	TI O 4 10 P	Attending a phone call, Being a Good	
	TLO 4.10 Practice for	Team Player, Placement Process, At a	
	Forgive and Forget	Restaurant, Workplace ethics	
		4.7 Team Spirit, Inviting someone,	
		OCSEM - Picture Reading & Word, a.	
		Unnati Philosophy & b. Unnati Branding -	
		Follow, Like & Share Unnati Social Media	
		- Facebook / Instagram/ Twitter,	
	/ /3 - /	Apologizing, Apologizing, Dealing	
		effectively with Criticism, Introduce	
		Importance of Self Learning and	1
	7-40-	upskilling	
	The second second second		

Sr.No	Theory Learning Outcomes (TLO's) aligned to CO's.			
		4.8 Caring and Sharing, Handling Customer queries, Flexibility & Adaptibility, Student referral process, Writing a Resume, OCSEM-Public Speaking, Placement Process, Meditation/ Affirmation & OCSEM-Debate, Introduce Certif-ID, how to create Certif-ID Project, 4.9 Honesty, Email etiquette & Official Email communication, Alcohol & Substance use & abuse, Describing a known place, Leadership Skills, Describing an event, OSCEM-Picture Reading & Visual Comprehension 4.10 Forgive and Forget, Facing and Interview, OSCEM-Public Speaking, Attending a telephonic/Video interview & Mock Interview, Affirmation, Pat-a-Back & Closure (Valediction, Unnati Branding, Student Testimonials), Meditation/ Affirmation & Sponsor connect (Speak to UNXT HO)		
5	TLO 5.1 Develop Literacy About Savings and Investments in the community TLO 5.2 Attain Literacy About Financial Planning TLO 5.3 Demonstrate skills about Financial Transactions TLO 5.4 Use Literacy skills About Income, expenditure and budgeting TLO 5.5 Use measures about Inflation in the market. TLO 5.6 Use Literacy/Knowledge About Loans TLO 5.7 Explain the Importance of Insurance TLO 5.8 Follow Dos and Donts about finances	MODULE-V: Financial Literacy 5.1 Introduction - Life Goals and financial goals 5.2 Savings and Investments - Three pillars of investments, Popular asset classes, Government schemes, Mutual Funds, Securities markets (Shares and bonds), Gold, Real Estate, Do's and Don'ts of investments 5.3 Retirement planning 5.4 Cashless transactions 5.5 Income, expenditure and budgeting – Concepts and Importance 5.6 Inflation- Concept, effect on financial planning of an individual 5.7 Loans – Types, Management of loans, Tax benefits 5.8 Insurance – Types, Advantages, selection 5.9 Dos and Donts in Financial planning and Transactions	i) Online/Offline Mode of Instructions ii) Video Demonstrations iii) Presentations iv) Case Study v) Chalk-Board vi) Collaborative learning	

VI. LABORATORY LEARNING OUTCOME AND ALIGNED PRACTICAL / TUTORIAL EXPERIENCES : NOT APPLICABLE.

VII. SUGGESTED MICRO PROJECT / ASSIGNMENT/ ACTIVITIES FOR SPECIFIC LEARNING / SKILLS DEVELOPMENT (SELF LEARNING)

Suggestive list of activities during Regular as well as Special Camping (NSS Activities)

• Following list is only an illustrative list of the type of activities that can be undertaken. Under the programme it would be open to each NSS Unit to undertake one of these programmes or any other activity which may seem desirable to them according to local needs. The NSS Unit should aim at the integrated development of the area selected for its operation which could be a village or a slum. It has also to be ensured that at least a part of the

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programme does involve manual work.

- (a) Environment Enrichment and Conservation:
- The activities under this sub-theme would inter-alia, include:
- (i) plantation of trees, their preservation and upkeep
- (ii) Construction & maintenance of village streets, drains
- (iii) Cleaning of village ponds and wells;
- (iv) Popularization and construction of Gobar Gas Plants, use of non-conventional energy;
- (v) Disposal of garbage & composting;
- (vi) Prevention of soil erosion and work for soil conservation,
- (vii) Watershed management and wasteland development
- (viii) Preservation and upkeep of monuments, and creation of consciousness about the preservation of cultural heritage among the community.
- (b) Health, Family Welfare and Nutrition Programme:
- (i) Programme of mass immunization;
- (ii) Working with people in nutrition programmes with the help of Home Science and medical college students;
- (iii) Provision of safe and clean drinking water;
- (iv) Integrated child development programmes;
- (v) Health education, AIDS Awareness and preliminary health care.
- (vi) Population education and family welfare programme;
- (vii) Lifestyle education centres and counselling centres.
- © Programmes aimed at creating an awareness for improvement of the status of women: (i) programmes of educating people and making them aware of women's rights both constitutional and legal;
- (ii) creating consciousness among women that they too contributed to economic and social well-being of the community;
- (iii) creating awareness among women that there is no occupation or vocation which is not open to them provided they acquire the requisite skills; and
- (iv) imparting training to women in sewing, embroidery, knitting and other skills wherever possible.
- (d) Social Service Programmes:
- (i) work in hospitals, for example, serving as ward visitors to cheer the patients, help the patients, arranging occupational or hobby activities for long term patients; guidance service for out-door-patients including guiding visitors about hospital's procedures, letter writing and reading for the patients admitted in the hospital; follow up of patients discharged from the hospital by making home visits and places of work, assistance in running dispensaries etc.
- (ii) work with the organisations of child welfare;
- (iii) work in institutions meant for physically and mentally handicapped;
- (iv) organising blood donation, eye pledge programmes;
- (v) work in Cheshire homes, orphanages, homes for the aged etc.;
- (vi) work in welfare organisations of women;
- (vii) prevention of slums through social education and community action;
- (e) Production Oriented Programmes:
- (i) working with people and explaining and teaching improved agricultural practices;
- (ii) rodent control land pest control practices;
- (iii) weed control;
- (iv) soil-testing, soil health care and soil conservation;
- (v) assistance in repair of agriculture machinery;
- (vi) work for the promotion and strengthening of cooperative societies in villages;
- (vii) assistance and guidance in poultry farming, animal husbandry, care of animal health etc.;
- (viii) popularisation of small savings and assistance in procuring bank loans
- (f) Relief & Rehabilitation work during Natural Calamities:

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- (i) assisting the authorities in distribution of rations, medicine, clothes etc.;
- (ii) assisting the health authorities in inoculation and immunisation, supply of medicine etc.;
- (iii) working with the local people in reconstruction of their huts, cleaning of wells, building roads etc.;
- (iv) assisting and working with local authorities in relief and rescue operation;
- (v) collection of clothes and other materials, and sending the same to the affected areas;
- (g) Education and Recreations: Activities in this field could include:
- (i) adult education (short-duration programmes);
- (ii) pre-school education programmes;
- (iii) programmes of continuing education of school drop outs, remedial coaching of students from weaker sections;
- (iv) work in crèches;
- (v) participatory cultural and recreation programmes for the community including the use of mass media for instruction and recreation, programmes of community singing, dancing etc.;
- (vi) organisation of youth clubs, rural land indigenous sports in collaboration with Nehru Yuva Kendras;
- (vii) programmes including discussions on eradications of social evils like communalism, castism, regionalism, untouchability, drug abuse etc.;
- (viii) non- formal education for rural youth and
- (ix) legal literacy, consumer awareness.

Note:

- Above is just a suggestive list of microprojects and assignments; faculty must prepare their own bank of microprojects, assignments, and activities in a similar way.
- The faculty must allocate judicial mix of tasks, considering the weaknesses and / strengths of the student in acquiring the desired skills.
- If a microproject is assigned, it is expected to be completed as a group activity.
- SLA marks shall be awarded as per the continuous assessment record.
- For courses with no SLA component the list of suggestive microprojects / assignments/ activities are optional, faculty may encourage students to perform these tasks for enhanced learning experiences.
- If the course does not have associated SLA component, above suggestive listings is applicable to Tutorials and maybe considered for FA-PR evaluations.

VIII. LABORATORY EQUIPMENT / INSTRUMENTS / TOOLS / SOFTWARE REQUIRED

Sr.No	Equipment Name with Broad Specifications	Relevant LLO Number
1	Simple engineering measurement devices GPS data collection tools GIS open source softwares- Google Earth and QGIS MS office suite	All

IX. SUGGESTED WEIGHTAGE TO LEARNING EFFORTS & ASSESSMENT PURPOSE (Specification Table): NOT APPLICABLE

X. ASSESSMENT METHODOLOGIES/TOOLS

Formative assessment (Assessment for Learning)

• Formative assessment (Assessment for Learning) Report and presentation of fieldwork activities, Self-Learning (Assignment)

Summative Assessment (Assessment of Learning)

XI. SUGGESTED COS - POS MATRIX FORM

	Programme Outcomes (POs)						Programme Specific Outcomes* (PSOs)			
(COs)	PO-1 Basic and Discipline Specific Knowledge	PO-2 Problem Analysis	PO-3 Design/ Development of Solutions	PO-4 Engineering Tools	PO-5 Engineering Practices for Society, Sustainability and Environment	Management	PO-7 Life Long Learning	1	PSO- 2	PSO-
CO1			200	1.25	03	03	03			
CO2					02	02	03			
CO3	01	01	01		03	03	03			
CO4		01	01	01	03	03	03			
CO5		02		01	03	03	03			

Legends:- High:03, Medium:02, Low:01, No Mapping: -

XII. SUGGESTED LEARNING MATERIALS / BOOKS

Sr.No	Author	Title	Publisher with ISBN Number
1	IRAP, Hyderabad, CTARA, IIT Bombay and UNICEF, Mumbai	Compendium of Training Materials for the Capacity Building of the Faculty and Students of Engineering Colleges on 'IMPROVING THE PERFORMANCE OF RURAL WATER SUPPLY AND SANITATION SECTOR IN MAHARASHTRA' Districts Economic survey reports	UNICEF
2	Prepared by each district administration	Districts Economic survey reports	Govt. of Maharashtra
3	Local college students, UMA staffs	Sample Case Studies on UMA website	IITB-UMA team
4	Central Public Health and Environmental Engineering Organisation	Manual on Water Supply and Treatment	Ministry of Urban Development, New Delhi
5	Specifications And Standards Committee	Indian Standards (IS) Codes and Indian Roads Congress (IRC) Codes	Bureau of Indian Standards and The Indian Road Congress
6	RBI	https://www.rbi.org.in/FinancialEducation/content/GUIDE310113_F.pdf	RBI
7	RBI	https://www.rbi.org.in/FinancialEducation/content/ Financing%20needs%20of%20Micro%20and%20small%20Enterprises%20- %20A%20guide.pdf	RBI
8	RBI	https://www.rbi.org.in/FinancialEducation/content/I%20Can%20Do_RBI.pdf	RBI

XIII. LEARNING WEBSITES & PORTALS

Sr.No	Link / Portal	Description

^{*}PSOs are to be formulated at institute level

Sr.No	Link / Portal	Description
1	https://gr.maharashtra.gov.in/Site/Upload/Government%20Resol utions/English/201601131501523808.pdf	Government Resolution of Government of Maharashtra regarding Unnat Maharashtra Abhiyan
2	https://gr.maharashtra.gov.in/Site/Upload/Government%20Resolutions/English/201606151454073708.pdf	Government Resolution of Government of Maharashtra regarding Unnat Maharashtra Abhiyan Guidelines
3	https://censusindia.gov.in/census.website/	A Website of Census of India
4	https://gsda.maharashtra.gov.in/english/	A Website of Groundwater Survey and Development Agency, GoM
5	https://mrsac.gov.in/MRSAC/map/map	A Website where district-wise maps showcasing different attributes developed by Maharashtra Remote Sensing Applications Centre.
6	https://ejalshakti.gov.in/jjmreport/JJMIndia.aspx	A Website of Jal Jivan Mission, Government of India
7	https://cpcb.nic.in/	A Website of Central Pollution Control Board, Government of India
8	http://www.mahapwd.com/#	A Website of Public Works Department, GoM
9	http://tutorial.communitygis.net/	A Website for GIS data sets developed by Unnat Maharashtra Abhiyan
10	https://youtu.be/G71maumVZ1A?si=TzDTxKUpLYaRos7U	A video record of lecture by Prof. Milind Sohoni, IIT Bombay, on Engineering, Development and Society
11	https://youtu.be/TUcPNwtdKyE?si=wnSWrhGc9dJTC-ac	A keynote talk by Prof. Milind Sohoni, IIT Bombay, on Interdisciplinary Engineering: The Road Ahead
12	https://youtu.be/mKJj6j_1gWg?si=ajE8s4lfB2OM63Ng	A TED talk by Prof. Milind Sohoni, IIT Bombay, on Vernacular Science: The Science of Delivery
13	https://www.ugc.gov.in/pdfnews/4371304_LifeSKill_JeevanKaushal_2023.pdf	UHV: UGC Course on life skils. Unit 4 i.e. Course 4 is to be referred
14	https://nss.gov.in/	NSS : Know about the NSS Scheme and details
15	https://www.rbi.org.in/FinancialEducation/FinancialEnterpre nure.aspx	Reference for Module V
16	https://www.rbi.org.in/FinancialEducation/content/I%20Can%20 Do_RBI.pdf	Reference for Module V
17	https://www.rbi.org.in/FinancialEducation/content/ Financ ing%20needs%20of%20Micro%20and%20small%20Enterprises%20- %20A %20guide.pdf	Reference for Module V
18	https://www.rbi.org.in/FinancialEducation/content/GUIDE31011 3_F.pdf	Reference for Module V

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Sr.No	Link / Portal	Description
Note:		

• Teachers are requested to check the creative common license status/financial implications of the suggested online educational resources before use by the students

MSBTE Approval Dt. 01/10/2024

Semester - 2, K Scheme