UNIVERSITY OF DELHI

CNC-II/093/1(17)/2021-22/233 Dated: 18th November 2021

NOTIFICATION

Sub: Amendments to Ordinances

The following Amendment to Ordinances of the University has been approved by the Executive Council at its meeting held on 31.08.2021 are notified for information and necessary action, if any, to all the concerned:

1. Amendment to Ordinance V (2) & VII. [E.C Res. 8-1-2(a) dated 31.08.2021]

INTRODUCTION OF PAPERS BASED ON LOCF FOR GENERAL ELECTIVE COURSE IN UG LEVEL UNDER DEPARTMENT OF ADULT CONTINUING EDUCATION & EXTENSION

COURSE 1: LIFELONG LEARNING FOR SOCIAL TRANSFORMATION

Unit-Wise Course Description: Lifelong Learning for Social Transformation

Unit	Title of the Unit	Details	Teaching/ Learning Mode	Weightage
I	Lifelong Learning: An Introduction	Understanding The relevance of Lifelong Learning in India and across the Globe	Lecture, Discussion	10%
II	Key Concepts, Approaches and Analytical Frameworks	II.1 Key Concepts: Lifelong Learning as an Interdisciplinary Concept, Lifelong Learning as an Integrated Policy, Linkages Between Adult Education, Adult Learning and Lifelong Learning, Recurrent Education, Permanent Education, Employability, Social Change, Social Transformation, Community Engagement And Extension, Inclusion, Sustainable Education, Blended Learning, Education as a public good, commodity and right, social partners, Stakeholders, Interest Groups, Corporate Social Responsibility, Community Engagement, Extension, Recognition of	Lecture, Discussion/ Living Interaction (Dialogue), Participant Presentations	30%

		<u> </u>		
		Prior Learning.		
		II.2 Approaches: Sector- specific and Systems Approach in Education Top-down And Bottom-up Approach, Problem-based Approach Towards Learning, Teacher- centric and Learner-centric Models for Education. II.3 Analytical Frameworks: Formal, Non-formal and Informal Learning, Ehlers' Box Model, Stakeholder's Analysis, SWOT/SWOC Analysis		
III	Lifelong Learning: The Education Policy For Social Transformation	III.1 Education as a Public Good, a Right and a Commodity III.2 An Introduction to the Policy of Lifelong Learning III.3 Relationship between Lifelong Learning and Social Change III.4 Recognition of Prior Learning	Lecture, Discussion	10%
IV	Practical Aspects of Designing A Lifelong Learning intervention	Project Planning, Management and Evaluation: Need Analysis, Resource Assessment, Project design, responsibility and accountability, ethics, legal and policy framework.	Lecture, Participant Presentations, Discussion	10%
V	Identifying the Needs, Resources and Possibilities for Social Transformation through Lifelong Learning	Project Work: Lifelong Learning for Social Transformation as per the Project Guide for Lifelong Learning – I: Social Transformation through Lifelong Learning	Project field work, Supervision and Maintenance of Journal	10%
VI	Planning A Lifelong Learning Intervention for Social Transformation			10%
VII	Executing the Lifelong Learning Intervention for Social Transformation	(2)		10%

VIII	Impact		10%
	Assessment: Social		
	Transformation		
	through Lifelong		
	Learning		

Assessment methods:

	Mode	Weightage
1	Open-book test	30 percent
2	Assessment of the Journal maintained during the Project Work	40 percent
3	Written Assignment about the Paper as per the topic selected by the learner	30 percent

COURSE 2: LIFELONG LEARNING FOR SUSTAINABLE DEVELOPMENT

Unit-wise Course Description: Lifelong Learning for Sustainable Development

Unit	Title of the Unit	Details	Teaching/ Learning Mode	Weightage
I	The Fundamentals of Lifelong Learning	I.1 Key Concepts I.2 A Typology for Lifelong Learning Systems and Policies around the globe I.3. Legal-political framework for Lifelong Learning in India	Lectures, Discussions	20%
II	Education for Sustainable Development: Key Concepts and Transnational Policy Frameworks	II.1 Key Concepts: Sustainability, Sustainable Economic Growth, Sustainable Development, Inclusion, Social Change. II.2 Understanding the Transnational Policy Frameworks for Lifelong Learning	Lectures, Discussions	15%
III	Lifelong Learning Policies of Key International Organizations	1. OECD's Lifelong Learning Policy 2. World Bank's Lifelong Learning Policy 3. UNESCO's Lifelong Learning Policy 4. ILO' Lifelong Learning	Lecture, Discussion, Participant Presentation s, Virtual/field Tours, interaction with	15%

		Policy	social partners	
IV	Project Planning, Management and Evaluation	Project: Sustainable Development through Lifelong Learning in India as per the Project Guide for Lifelong Learning	Project field work, supervision and Maintenance of Journal	10%
V	Need Analysis	II: Sustainable		10%
VI	Resource Assessment and Management	Development through Lifelong Learning in India		10%
VII	Project Execution			10%
VIII	Project Evaluation And Impact Assessment			10%

Assessment methods:

	Mode	Weightage
1	Open-book test	30 percent
2	Assessment of the Journal maintained during the Project Work	40 percent
3	Written Assignment about the Paper as per the topic selected by the learner	30 percent

COURSE 3: LIFELONG LEARNING, EMPLOYABILITY AND SOCIAL ENTREPRENEURSHIP

Unit-wise Course Description: Lifelong Learning, Employability and Social Entrepreneurship

Unit	Title of the Unit	Details	Teaching/ Learning Mode	Weightage
I	Methodological Considerations: Key Concepts, Approaches, Policy	I.1 Key concepts: Skills, Competencies, Employability, Vocational Education and Training, Productivity, Learning Outcomes, Sustainable Economic Growth,	Lecture, Discussion	10%

	Frameworks for Lifelong Learning	Social Entrepreneurship, Business Ecosystem I.2 Approaches I.3 Policy Frameworks		
II	Ensuring Employability Through Lifelong Learning	II.1 From Employment to Employability: Understanding the shift in approach towards Labour-market engagement. II.2 Enhancing Employability through Lifelong Learning III. 3 Employability as a Global Norm for Sustainable Education and Development	Lecture, Discussion, Participant Presentations , Virtual/field Tours, interaction with social partners	10%
III	Lifelong Learning: The Core for Social Entrepreneurs hip	III.1 Identifying a Social Problem III.2 Developing a Business Plan III.3. Resource Mobilization and Management III.4 Business Management III.5 Quality Control III.6 Ethics for Social Entrepreneurship III.7 Marketing III.8 Impact Assessment	Lecture, Discussion, Participant Presentations , Virtual/field Tours, interaction with social partners	20%
IV	Planning and Managing Internship with a Social Entrepreneurs hip Initiative	Project: Employability and Social Entrepreneurship as per the Internship Guide for Enhancing Employability through Lifelong Learning/ Lifelong	Internship, Supervision, Journal Maintenance	10%
٧	Internship	Learner's Social Entrepreneurship		40%
VI		Guide.		
VII				
VIII	Impact Assessment			10%

Assessment methods:

	Mode	Weightage
1	Open-book test	30 percent
2	Assessment of the Journal maintained during the Project Work	40 percent

3	Written Assignment about the Paper as per the topic selected by the	30 percent
	learner	

2. Amendment to Ordinance V (2) & VII. [E.C Res. 8-1-2(b) dated 31.08.2021]

Introduction of M.A. Japanese under the Department of East Asian Studies

M.A. JAPANESE

Course Credit Scheme

Semester	ter Core Course Elective Course		Open Elective Course			Total				
	No. of	Credits	Total	No. of	Credits	Total	No. of	Credits	Total	credits
	Papers	(L+T)*	Credits	Papers	(L+T)*	Credits	Papers	(L+T)*	Credits	
1	4	4+1=5	20	-	1	-				20
11	3	4+1=5	15	-	ı	ı	1	4	04	24
Ш	3	4+1=5	15	-	-	-				20
IV	4	4+1=5	20	-	1	•	1	4	04	24
Total credits for		70	Total cr	edits		Total cre	edits for	08	78	
Core courses			for Elec	tive		Open El	ective			
				courses	6		courses			

*Lecture + Tutorial

List of Papers

Semester-I (20 credits) [4 (core courses) x 5 (credit) = 20 credits]

Paper I (C)	JL-101	Introduction to General Linguistics
Paper II (C)	JL-102	Advanced Japanese Language
Paper III (C)	JL-103	Theory and Practice of Translation
Paper IV (C)	JL-104	Cultural History of Japan

Semester-II (19 credits) [3 (core courses) x 5 credit = 15 credits; 1 (open elective course) x 4 credit = 4 credits]

Paper V (C)	JL-201	Contemporary Japan
Paper VI (C) JL-202 (Guided Speaking and Interpretation-I
Paper VII (C) JL-203		Survey of Japanese Literature
PaperVIII (OE/EL)	JL-204	Popular and Folk Cultures of Japan

Semester-III (19 credits) [3 (core courses) x 5 credit = 15 credits; 1 (open elective course) x 4 credit = 4 credits]

Paper XI (OE/EL)	JL-301	India-Japan Cultural Relations
Paper XII (C)	JL-302	Literary Criticism
Paper XIII (C)	JL-303	Introduction to Classical Japanese language
Paper XIV (C)	JL-304	Study of Representative Works: monogatari, nikki, zuihitsu

Semester-IV (20credits) [4 (core courses) x 5 credit = 20 credits

Paper XII (C)	JL-401	Study of Representative Works:shi, geki, shousets	
Paper XIV (C)	JL-402	Guided Speaking and Interpretation-II	
Paper XV (C)	JL-403	Methodology of Foreign Language Teaching with Special Reference to Teaching of Japanese	
Paper XVI (C)	JL-404	Dissertation	

Core Course-(C) / OE- Open Elective Course

3. Amendment to Ordinance V (2) & VII. [E.C Res. 8-1-2(d) dated 31.08.2021]

Introduction of One Year PG Diploma in International Trade (Africa) under the Department of African Studies

One Year PG Diploma in International Trade (Africa)

One Year Course (Two Semesters)

Papers

Semester-I	Semester-II	
Core- 4 Papers	Optional- 2 Papers out of three.	
	2. Internship (Compulsory)	
	3. Project/Workshop (Compulsory)	

Course Details:

Semester I

- 1. Introduction to International Trade
- 2. Trade Negotiations and IFIs
- 3. Understanding Africa
- 4. Business Law and Public Finance in Africa

Semester II (Four Papers Only)

- 1. Regional Trade Architecture in Africa
- 2. Entrepreneurship and Business Opportunities in Africa
- 3. Climate Change and African Trade
- 4. Internship (Compulsory)
- 5. Project/ Workshop (Compulsory)

4. Amendment to Ordinance V (2) & VII. [E.C Res. 8-1-3 dated 31.08.2021]

M.Sc. Biochemistry

	Existing				Amended		
Part I: Seme				Part I: Seme			
Paper Code	Paper title	Type of Course	Credit	Paper Code	Paper title	Type of Course	Credit
BCCC101	Proteins – Structure, Folding and Engineering	Core	4	BCCC101	Proteins – Structure, Folding and Engineering	Core	4
BCEC101	Infectious Diseases: Molecular basis,	Elective	4	BCEC101	Infectious Diseases: Molecular basis,	Elective	4
BCEC102	Control and Prevention OR Intermediary Metabolism and Clinical Correlation			BCEC102	Control and Prevention OR Intermediary Metabolism and Clinical Correlation		
BCEC103	Life Style Disorders: Cancer and	Elective	4	BCEC103	Life Style Disorders: Cancer and	Elective	4
BCEC104	Cardiovascular Diseases OR Advanced Techniques in Biochemistry			BCEC104	Cardiovascular Diseases OR Advanced Techniques in Biochemistry		
BCCC102	Seminar on current topics	Core	4	BCCC102	Seminar on current topics	Core	4
BCCC103	Practicals	Core	8	BCCC103	Practicals	Core	8
	Total Credits		24		Total Credits		24
Part I : Seme	ester II			Part I : Seme	ester II		
Paper Code	Paper title	Type of Course	Credit	Paper Code	Paper title	Type of Course	Credit
BCCC201	Cell Biology	Core	4	BCOE201	Basics of	Open	4
BCCC202	Immunology and Immunotechniques	Core	4	BCCC202	Biochemistry Immunology and	Elective Core	4
BCCC203							1
	Enzymes and their Biotechnological Applications	Core	4	BCCC203	Immunotechniques Enzymes and their Biotechnological	Core	4
BCCC204	Biotechnological Applications	Core	4	BCCC203	Enzymes and their Biotechnological	Core	4
BCCC204 BCCC205	Biotechnological			BCCC203	Enzymes and their	Core	4
	Biotechnological Applications Molecular Biology	Core	4		Enzymes and their Biotechnological Applications Molecular Biology Practicals		·
BCCC205	Biotechnological Applications Molecular Biology Practicals Total Credits	Core	4 8	BCCC204	Enzymes and their Biotechnological Applications Molecular Biology	Core	4
BCCC205	Biotechnological Applications Molecular Biology Practicals Total Credits	Core	4 8	BCCC204	Enzymes and their Biotechnological Applications Molecular Biology Practicals Total Credits	Core	4 8
BCCC205 Part II : Sem	Biotechnological Applications Molecular Biology Practicals Total Credits ester III	Core Core	4 8 24	BCCC204 BCCC205	Enzymes and their Biotechnological Applications Molecular Biology Practicals Total Credits	Core	4 8 24
Part II : Sem Paper Code BCCC301	Biotechnological Applications Molecular Biology Practicals Total Credits ester III Paper title Recombinant DNA Technology and Applications in Biotechnology	Core Core Type of Course Core	4 8 24 Credit	BCCC204 BCCC205 Part II : Seme	Enzymes and their Biotechnological Applications Molecular Biology Practicals Total Credits ester III Paper title Recombinant DNA Technology and Applications in	Core Core	4 8
Part II : Sem Paper Code BCCC301	Biotechnological Applications Molecular Biology Practicals Total Credits ester III Paper title Recombinant DNA Technology and Applications in Biotechnology Developmental Biology	Core Core Core Core Core	4 8 24	BCCC204 BCCC205 Part II : Seme Paper Code	Enzymes and their Biotechnological Applications Molecular Biology Practicals Total Credits ester III Recombinant DNA Technology and Applications in Biotechnology Developmental	Core Core Type of Course	4 8 24
Part II : Sem Paper Code BCCC301	Biotechnological Applications Molecular Biology Practicals Total Credits ester III Paper title Recombinant DNA Technology and Applications in Biotechnology Developmental Biology Proteomics and	Core Core Type of Course Core	4 8 24 Credit	BCCC204 BCCC205 Part II : Seme Paper Code BCCC301	Enzymes and their Biotechnological Applications Molecular Biology Practicals Total Credits ester III Recombinant DNA Technology and Applications in Biotechnology Developmental Biology	Core Core Type of Course Core	4 8 24 Credit 4
Part II : Sem Paper Code BCCC301 BCCC302	Biotechnological Applications Molecular Biology Practicals Total Credits ester III Paper title Recombinant DNA Technology and Applications in Biotechnology Developmental Biology Proteomics and Metabolomics	Core Core Core Core Core	4 8 24 Credit 4 4 4	BCCC204 BCCC205 Part II : Seme Paper Code BCCC301 BCCC302	Enzymes and their Biotechnological Applications Molecular Biology Practicals Total Credits ester III Recombinant DNA Technology and Applications in Biotechnology Developmental Biology Cell Biology	Core Core Core Core Core	4 8 24 Credit 4
Part II : Sem Paper Code BCCC301	Biotechnological Applications Molecular Biology Practicals Total Credits ester III Paper title Recombinant DNA Technology and Applications in Biotechnology Developmental Biology Proteomics and Metabolomics Presentation: Concepts in	Core Core Core Core Core	4 8 24 Credit 4	BCCC204 BCCC205 Part II : Seme Paper Code BCCC301	Enzymes and their Biotechnological Applications Molecular Biology Practicals Total Credits ester III Recombinant DNA Technology and Applications in Biotechnology Developmental Biology Cell Biology Presentation: Concepts in	Core Core Type of Course Core	4 8 24 Credit 4
Part II : Sem Paper Code BCCC301 BCCC302	Biotechnological Applications Molecular Biology Practicals Total Credits ester III Paper title Recombinant DNA Technology and Applications in Biotechnology Developmental Biology Proteomics and Metabolomics Presentation:	Core Core Core Core Core	4 8 24 Credit 4 4 4	BCCC204 BCCC205 Part II : Seme Paper Code BCCC301 BCCC302	Enzymes and their Biotechnological Applications Molecular Biology Practicals Total Credits ester III Recombinant DNA Technology and Applications in Biotechnology Developmental Biology Cell Biology Presentation:	Core Core Core Core Core	4 8 24 Credit 4

Part II : Seme	ester IV			
Paper Code	Paper title	Paper title		Credit
BCCC401	Advanced Techniques Genomics Biotechnology	in for	Core	4
BCOE401	Basics Biochemistry	of	Open Elective	4
BCCC402	Dissertation Research	by	Core	16
	Total Credit	S		24

Part II : Seme	ester IV			
Paper Code	Paper title		Type of Course	Credit
BCCC401	Advanced Techniques Genomics Biotechnology	in for	Core	4
BCCC402	Dissertation Research	by	Core	16
BCCC403	Proteomics Metabolomics	and s	Core	4
	Total Credi	ts		24

5. Amendment to Ordinance V (2) & VII. [E.C Res. 8-1-4 dated 31.08.2021]

M.Sc. Biophysics

Existing				Amended			
Part I: Semester I				Part I: Se	emester I		
Paper Code	Paper title	Type of Course	Credit	Paper Code	Paper title	Type of Course	Cre dit
BPCC1 01 OR BPCC1 02	Introductory Biology (for students with Physical Science background) OR Introductory Physics & Chemistry (for students with Biological Science background)	Core	4	BPCC 101: OR BPCC 102	Introductory Biology (for students with Physical Science background) OR Introductory Physics & Chemistry (for students with Biological Science	Core	4
BPCC1 03	Mathematics and Statistics for Life Sciences	Core	4	BPCC	background) Mathematics and Statistics	Core	4
BPCC1 04	Concepts of Biochemistry	Core	4	BPCC	for Life Sciences Concepts of Biochemistry	Core	4
MBCC	Molecular Biology (from	Core	4	104	Concepts of Biochemistry	Cole	7
301	Department of Microbiology, University of Delhi South			BPCC 105	Computer Applications in Biology	Core	4
BPCC1	Campus) PRACTICALS (Based on	Core	8	BPCC 106	Practicals-I (Based on BPCC104 and BPCC105)	Core	8
05	BPCC104 & MBCC301)	00.0			Total Credits		24
	Total Credits		24				

Part I: Semester II

Paper Code	Paper title	Type of Course	Cre dit
BPCC0 21	Molecular Biophysics	Core	4
BPCC2 02	Physical Methods in Biology	Core	4
GENC C204	RECOMBINANT DNA TECHNOLOGY (from Department of Genetics,	Core	4

Part I : Semester II

Paper Code	Paper title	Type of Course	Cr edi t
BPCC 201	Molecular Biophysics	Core	4
BPCC 202	Physical Methods in Biology	Core	4
GENC C204	RECOMBINANT DNA TECHNOLOGY (from Department of Genetics, University of Delhi South Campus)	Core	4

	University of Delhi South Campus)		
BPCC2 03	PRACTICALS (Based on Papers BPCC201, BPCC202, GENCC204)	Core	8
BPEC2 01 OR BPEC2 02	Photo-Biophysics, Radiation & Environmental Biophysics OR Programming and Data Analytics	Elective	4
	Total Credits		24

Practicals-II (Based on	Core	8
Papers BPCC201,		
BPCC202, GENCC204)		
Photo-Biophysics,	Elective	4
Radiation &		
Environmental Biophysics		
OR		
Programming and Data		
Analytics		
Total Credits		
	Papers BPCC201, BPCC202, GENCC204) Photo-Biophysics, Radiation & Environmental Biophysics OR Programming and Data Analytics	Papers BPCC201, BPCC202, GENCC204) Photo-Biophysics, Radiation & Environmental Biophysics OR Programming and Data Analytics

Part II : Semester III

Paper Code	Paper title	Type of Course	Credit
BPCC301	Cellular Biophysics & Bioenergetics	Core	4
BPCC302	Computer Applications in Biology	Core	4
BPCC303	Physiological Biophysics	Core	4
BPCC304	PRACTICALS-III (Based on Papers BPCC301, BPCC302, BPCC303)	Core	8
BPEC301 OR BCCC302	Methods in High- throughput Biology OR Developmental Biology (from Department of Biochemistry, University of Delhi South Campus)	Elective	4
Total Credits			24

Part II : Semester III

Paper Code	Paper title	Type of Course	Cre dit
BPCC 301	Cellular Biophysics & Bioenergetics	Core	4
BPCC 302	Physiological Biophysics	Core	4
MBCC 301	Molecular Biology (from Department of Microbiology, University of Delhi South Campus)	Core	4
BPCC 303	Practicals-III (Based on BPCC301, BPCC302, MBCC303)	Core	8
BPEC 301 OR BCCC 302	Methods in High- throughput Biology OR Developmental Biology (from Department of Biochemistry, University of Delhi South Campus)	Elective	4
Total Credits		24	

Part II : Semester IV

Paper Code	Paper title	Type of Course	Credit
BPCC40 1	Membrane Biophysics and Neuro-Biophysics	Core	4
BPCC40 2	DISSERTATION/PROJE CT	Core	16
BPOE40 1	Theoretical & Mathematical Biology	Open Elective	4
Total Credits			24

Part II : Semester IV

Paper Code	Paper title	Type of Course	Cr edi t
BPCC 401	Membrane Biophysics and Neuro-Biophysics	Core	4
BPCC 402	Dissertation/ Project	Core	16
BPOE 401	Theoretical& Mathematical Biology	Open Elective	4
Total Credits			24

6. Amendment to Ordinance XXVIII. [E.C Res. 8-4 dated 31.08.2021]

EXISING	AMENDED		
SNEH RANA SCHOLARSHIP and P.S. RANA SCHOLARSHIP 132.	SNEH RANA SCHOLARSHIP and P.S. RANA SCHOLARSHIP 132.		
1. There shall be two scholarships for the female students of M.A./M.Sc. Mathematics (one for previous & one for final year students) in Delhi University in the name of "Sneh Rana Scholarship" and two scholarships for the male students of M.A./M.Sc. Mathematics (one for previous & one for final year students) in the name of "P.S. Rana Scholarship" on the basis of merit cum financial needs of the value of ₹15000/- p.a. each out of the annual income accrued from the endowment fund of ₹20,00,000/- (Twenty Lacs) donated by Mr. P.S. Rana, BA – 6 A, Ashok Vihar – I, Delhi – 110052.	 There shall be <u>three</u> scholarships for the female students of M.A./M.Sc. Mathematics (one for previous & <u>two</u> for final year students) in Delhi University in the name of "Sneh Rana Scholarship" and <u>three</u> scholarships for the male students of M.A./M.Sc. Mathematics (one for previous & <u>two</u> for final year students) in the name of "P.S. Rana Scholarship" on the basis of merit cum financial needs of the value of <u>₹14000/-</u> p.a. each out of the annual income accrued from the endowment fund of <u>₹26,00,000/-</u> (Twenty <u>Six</u> Lacs) donated by Mr. P.S. Rana, BA – 6 A, Ashok Vihar – I, Delhi – 110052. 		
 The Scholarships shall be awarded to four students (two for previous and two for final year) pursuing M.A./M.Sc. (Mathematics). 	2. The Scholarships shall be awarded to <u>six</u> students (two for previous and <u>four</u> for final year) pursuing M.A./M.Sc. (Mathematics).		
3. to 9. – No Change –	3. to 9. – No Change –		

REGISTRAR