DSE-03D : Discipline Specific Elective - 3
Circular Economy

B.A. (Hons.) Humanities & Social Sciences - Semester V
Cluster Innovation Centre, University of Delhi

Credit Distribution, Eligibility and Pre-requisites of the Course						
Course Title & Code	Credits	Credit Distribution			Eligibility Criteria	Pre-requisite
		L	T	P		
Circular Economy (UPC: 3123100015)	4	1	0	3	Class XII Pass	Students must be familiar with concepts taught in any course under DSE-02
L = Lecture; T = Tutorial; P = Practical/Practice; UPC = Unique Paper Code						

Learning Objectives

- To gain a comprehensive understanding of circular economy.
- To understand the importance and practices of reducing waste, waste management, recycling, and reusing.
- To appreciate ethical production and consumption.

Learning Outcomes

- Students will be equipped with the knowledge and tools to make informed decisions about implementing circular economy practices in their personal and professional lives.
- Students will be able to practise ethical production and consumption in their personal and professional lives.

Outline of DSE-03D

The course engages with concepts such as circular economy, the importance of resource efficiency, the role of business models, the principles of the circular economy, and the challenges and opportunities of implementing circular economy practices. Students will learn about waste management, recycling, and reusing to gain an understanding of the importance of resource efficiency, including the efficient use of energy, water, and materials. The course will explore the role of business models in the circular economy, including product-as-a- service, sharing economy, and closed-loop supply chains. Students will be introduced to the policy and regulatory frameworks, the importance of stakeholder engagement, and the role of innovation and technology.

Theoretical Component (15 Hours)

Concept of circular economy, ethical production and consumption, waste management & recycling and sustainable product design

Indicative Themes

- Environmentally sustainable, socially just, and economically viable production and consumption practices.
- Learning from best practices of waste management, recycling towards efficient use of energy, water and other natural resources.
- Critically analysing the relevant policies and regulation mechanisms.
- Sustainable material and product design.

- Consumer awareness and behaviour change.
- Product life cycle analysis.

Practical component (90 Hours)

- Data collection – methods, tools and techniques
- Data analysis techniques
- Field visits

Readings

1. Ellen MacArthur Foundation. (2013). *Towards the Circular Economy*.
2. Geissdoerfer, M. et al. (2017). "The Concept of the Circular Economy." *Journal of Cleaner Production*.
3. Braungart, M., & McDonough, W. (2009). *Cradle to Cradle*. Vintage.
4. Bocken, N. M. P. et al. (2016). "Product Design and Business Model Strategies for a Circular Economy." *Journal of Industrial and Production Engineering*.
5. Korhonen, J. et al. (2018). "Circular Economy: The Concept and Its Limitations." *Ecological Economics*.

Note: Examination scheme and mode shall be as prescribed by the Examination Branch, University of Delhi, from time to time.

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DSE-03E : Discipline Specific Elective - 3
Social Justice and Equity

B.A. (Hons.) Humanities & Social Sciences - Semester V
Cluster Innovation Centre, University of Delhi

Credit Distribution, Eligibility and Pre-requisites of the Course						
Course Title & Code	Credits	Credit Distribution			Eligibility Criteria	Pre-requisite
		L	T	P		
Social Justice and Equity (UPC: 3123100016)	4	1	0	3	Class XII Pass	Students must be familiar with concepts taught in any course under DSE-02
L = Lecture; T = Tutorial; P = Practical/Practice; UPC = Unique Paper Code						

Learning Objectives

- To introduce students to the key concepts of social justice and equity.
- To examine the intersectionality of social identities.
- To develop strategies for promoting social justice and equity.

Learning Outcomes

- Students will be able to develop a comprehensive understanding of the principles and practices of social justice and equity.
- Students will be able to identify the role of representation and inclusion in social justice and equity.
- Students will be able to apply critical thinking skills to do case studies from different contexts.

Outline of DSE-03E

This course orients students to the history and theories of social justice including distributive justice and the principles of fairness, equality, and human rights, intersectionality of social identities, importance of representation and inclusion, and the challenges and opportunities of creating a more just and equitable society. Students will learn about the role of media, arts and culture in shaping social norms and values including the role of activism and social movements, and the need for policy and institutional change. Students will also gain an understanding of the socioeconomic and environmental impacts of social justice and equity, including the importance of addressing issues of poverty, inequality, and environmental degradation.

Theoretical Component (15 Hours)

Environmental Justice, Intersectionality, Environmental Racism, Just Transition, Eco-feminism and Participatory Democracy.

Indicative Themes

- Intersection of environmental sustainability and social justice
- Access to basic resources
- Education and awareness: engaging communities in collective action towards a sustainable future
- Gender and Environment

Practical component (90 Hours)

- Data collection – methods, tools and techniques
- Data analysis techniques
- Field visits

Readings

1. Schlosberg, D. (2007). *Defining Environmental Justice*. Oxford University Press.
2. Shiva, V. (2016). *Staying Alive: Women, Ecology, and Development*. North Atlantic Books.
3. Pulido, L. (2017). "Geographies of Race and Ethnicity." *Progress in Human Geography*.
4. Fraser, N. (2009). *Scales of Justice*. Columbia University Press.
5. Temper, L., & Martinez-Alier, J. (2013). "The Global Environmental Justice Movement." *Journal of Political Ecology*.

Note: Examination scheme and mode shall be as prescribed by the Examination Branch, University of Delhi, from time to time.

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DSE-03F : Discipline Specific Elective - 3
Sustainable Cities and Communities

B.A. (Hons.) Humanities & Social Sciences - Semester V
Cluster Innovation Centre, University of Delhi

Credit Distribution, Eligibility and Pre-requisites of the Course						
Course Title & Code	Credits	Credit Distribution			Eligibility Criteria	Pre-requisite
		L	T	P		
Sustainable Cities and Communities (UPC: 3123100017)	4	1	0	3	Class XII Pass	Students must be familiar with concepts taught in any course under DSE-02
L = Lecture; T = Tutorial; P = Practical/Practice; UPC = Unique Paper Code						

Learning Objectives

- To enable students to have a comprehensive understanding of key concepts of sustainable cities.
- To introduce students to the principles and best practices of sustainable cities.
- To examine the role of community in realisation and promotion of sustainable urban development.

Learning Outcomes

- Students will learn about the challenges and opportunities of creating sustainable cities and communities.
- Students will gain an understanding of the principles of sustainable urban planning.
- Students will be able to develop effective strategies in exploring and catalysing the role of community in sustainable urban development.

Outline of DSE-03F

The course engages with concepts of sustainable urban planning, community engagement, green infrastructure, and urban resilience. Students will also examine the role of community engagement in sustainable urban development, including the importance of stakeholder involvement in decision-making processes. Students will learn about the benefits of green infrastructure, urban resilience etc. Students will be encouraged to analyze case studies of sustainable cities and communities, and explore best practices and innovative solutions for creating sustainable urban environments.

Theoretical Component (15 Hours)

Urban sprawl and urbanisation in developing countries, inbound and outbound migration, satellite cities & urbanisation and urban ecology.

Indicative Themes

- Sustainable urban development that prioritises livability, accessibility, and environmental sustainability
- Urban Dualism

Practical component (90 Hours)

- Data collection – methods, tools and techniques
- Data analysis techniques

- Field visits

Readings

1. UN-Habitat. (2020). *World Cities Report*.
2. Sassen, S. (2001). *The Global City*. Princeton University Press.
3. McDonald, R. I. (2015). *Conservation for Cities*. Island Press.
4. Montgomery, C. (2013). *Happy City*. Farrar, Straus and Giroux.
5. Seto, K. C. et al. (2012). "Global Forecasts of Urban Expansion." *PNAS*.

Note: Examination scheme and mode shall be as prescribed by the Examination Branch, University of Delhi, from time to time.

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