

Semester – II			
Core VII –Welfare Economics			
Sub.Code: 19PECC23	Hrs / Week: 6	Hrs / Semester: 90	Credits : 4

Unit I - Introductory Welfare Economics **20 hrs**

Concerns of welfare economics – value judgments in welfare economics - positive or normative - concept of social welfare – different welfare criteria - the welfare assumptions behind GDP and NNP

Unit II- Pre-Paretian Welfare Economics-I **20 hrs**

Benthamite approach to aggregate Welfare - optimum resource allocation and welfare maximization - assumption of uniform income - utility functions of individuals - consumer's surplus and tax-bounty analysis

Unit III - Paretian Welfare Economics - II **15 hrs**

Pareto optimality – Optimum exchange conditions, The production optimum, The consumption optimum; Concept of contract curve; Top level optimum; Infinite number of non-comparable optima vs. unique social optimum

Unit IV- Paretian Welfare Economics - III **15 hrs**

The Scitovsky double criterion; Concept of community indifference map, Samuelson's utility possibility curve; Value judgments and welfare economics; Bergson's social welfare function, Arrow's possibility theorem

Unit V: Some Later Developments **20 hrs**

Divergence between private and social costs; Problems of non-market interdependence; Externalities of production and consumption; External economies and diseconomies; Problem of public goods; Pigouvian welfare economics; Attempts to develop dynamic welfare analysis.

Text Book:

Graaff.J.*Theoretical Welfare Economics*. Cambridge: Cambridge University Press, 1957.

Books for Reference:

1. Arrow.K. J. *Social choice and Individual Values*. New Haven: Yale University Press, 1951.
2. Baumol.W. J. *Welfare Economics and the Theory of the State- Longmans*. London: UNESCO Publications, 1965.
3. Baumol, W. J. *Welfare Economics*. U.K: Edward Elgar Publishing Ltd, 2001.
4. Broadway. R. W. and N. Bruce. *Welfare Economics*. New York: Basil Blackwell – Oxford University, 1984.
5. Feldman. A. M. *Welfare Economics and Social Choice theory*. Boston: Martinus Nijhoff, 1980.

Semester- II			
Elective II		Health Economics	
19PECE22	Hrs/Week: 4	Hrs/ Semester: 60	Credits: 3

Vision:

We envision a future where systems effectively, efficiently and equitably promote the health of all populations.

Mission:

To work with partner in public health and health care to prepare leaders, design solutions and conduct innovative research that is translated into practise and policy.

Course Outcome:

CO. No	Upon Completion of this course, students will be able to	PSO addressed	Cognitive Level
CO-1	analyze and evaluate complex policy and organizational challenges at both the micro level and at higher levels within health care systems	4	An
CO-2	differentiate between the functions, roles and responsibilities of healthcare managers	6	Ap
CO-3	make successful negotiations	7	Ev
CO-4	define and apply key quality concepts in health care organizations	3	Ap
CO-5	manage organizational processes, including redesigning organizations	3	Ap
CO-6	effectively and efficiently foster innovation within care settings	2	An
CO-7	demonstrate personal and professional ethical responsibility in all managerial and organizational decision making	8	Ev
CO-8	use economic models to understand behaviors of actors in the health care sector and do analyses of needs for health care services	6	An

Semester– II			
Elective II Health Economics			
19PECE22	Hrs/Week: 4	Hrs/ Semester: 60	Credits: 3

Unit I – Introduction

15 Hrs

Meaning and definition of health economics – Scope of health economics – theoretical issues – Classification of health economics – Conceptual framework – issues in health economics

Unit II - Concepts of Health

10 Hrs

Concept of health and medical care: Meaning – Utility analysis of health – demand for and supply of health care. Determinants of health, poverty, malnutrition and environmental issues

Unit III - Health Care

15 Hrs

Economic and Societal Dimension of Health Care: Financing of health care and resource constraints – National health policy under Five year plans. Health care delivery – problems in health care delivery – inequalities – rural and urban bias

Unit IV – Health Education

10 Hrs

Health Education: Meaning – Objectives – approaches to public health – Indicators of health status – physical quality of life index – human development index

Unit V – Health Insurance

10 Hrs

Health Insurance: Meaning – Community health insurance in India – Private health insurance – Demand for health insurance – Factors influencing demand for health insurance

Text book:

Jay Bhattacharya, Timothy Hyde. *Health Economics*. Mumbai: Macmillan Education Palgrave, 2013.

Books for Reference:

1. Banerjee. D. *Social and Cultural Foundations of Health Service Systems of India, Inquiry*, Supplement to Vol. XII, June. 29, 1975.
2. Banerjee, D. *Poverty, class and Health Culture in India*. New Delhi: Vol. I ParchiPrakashan, 1982.
1. Government of India. National Health Policy, New Delhi: 2001.

SEMESTER – I			
Elective II	A	Liberal Movements (Excluding India)	
Sub. Code: 19PHIE12	Hrs / Week: 4	Hrs / Semester: 60	Credits: 3

Vision: Understand the impact of revolutions in the world.

Mission: Familiarize with the liberal movements in the world.

Course Outcome:

CO.No.	Upon completion of this course, students will be able to	PSO addressed	CL
CO-1	acquire the historical background of revolutions.	1,2	Un, Re
CO-2	estimate the role of revolutions in the world.	5	Ev
CO-3	analyse the motivating factors of revolutions.	4	An
CO-4	make a comparative study of revolutions in the world.	4	An
CO-5	evaluate the liberal reforms.	5	Ev
CO-6	analyse the impact of revolutions.	4	An
CO-7	understand the legacy of revolutions.	1,2	Un, Re
CO-8	develop the art of self determination of the people.	1,2	Un, Re

SEMESTER - I			
Elective II	A	Liberal Movements (Excluding India)	
Sub. Code: 19PHIE12	Hrs / Week: 4	Hrs / Semester: 60	Credits: 3

Unit I - Definition – Evolution of Liberal Movements. The Glorious Revolution 1688 – Historical background – Civil war – Bill of Rights.

Unit II - The American Revolution 1773 – Democracy & Republic – Framing of the Constitution – Inalienable rights – slavery – Civil war – Abolition of Slavery.

Unit III - The French Revolution 1789 – General Will – Rousseau Social Contract – Voltaire– Montesquieu – Terror and Virtue.

Unit IV - The Chinese Revolution 1911 Cultural Revolution – New Democracy.

Unit V - The Russian Revolution 1917 Class – State – Revolution.

Books for Reference:

1. Ishay R. Micheline. The History of Human Rights. Orient Longman, Hyderabad. 2004.
2. Sharma, S.K. World Crisis in Human Rights. Sublime Publications, Jaipur. 2007.
3. Hill, C.P. A History of the United States. Edward Arnold Publishers, London. 1966.
4. Khurana and Gupta. History of America. Lakshmi Narain Publishers, Agra. 2006.
5. Hsu C.Y. Immanuel. The Rise of Modern China. Oxford University Press, London. 1975.
6. Majumder R.K. and Srivastva A.N. History of Far East. S.B.D. Publishers, Delhi. 1985.

Semester – I			
Elective I		B. Food and Health Chemistry	
Course Code : 21PCHE12	Hrs / Week : 4	Hrs / Sem : 60	Credits : 4

Objectives:

- To learn the importance of basic nutrients and maintain good health.
- Acquire knowledge about micro and macro nutrients to enhance our health.
- Aware of food adulterants affecting body health.

Course Outcome:

CO No.	Upon completion of this course, students will be able to	PSOs addressed	CL
CO 1	classify nutrients, proteins, vitamins and minerals.	1	An
CO 2	examine physical and mental health.	6	An
CO 3	explain various metabolism of drugs.	2	Un
CO 4	compare hard and soft drugs.	1	Ev
CO 5	measure blood pressure and sugar.	8	An
CO 6	detect various blood group for different persons.	3, 6	Ev
CO 7	calculate body mass fluid and give the factors which affect BMF.	4	Ap
CO 8	test the adulterants present in food items.	8	Cr

Semester – I			
Elective I		B. Food and Health Chemistry	
Course Code : 21PCHE12	Hrs / Week : 4	Hrs / Sem : 60	Credits : 4

Unit I Health and its maintenance

Health - Mental health and Physical health - Food Pyramid - Types of Malnutrition - Causes and Remedies - Macro and Micro nutrients - Carbohydrates - Classification and their Biological functions - Proteins - Classification and their Biological functions - Vitamins - Classification and their Biological functions - Minerals (Fe, Ca, P, Na and K) and their Biological functions.

Unit II Drugs Metabolism

Introduction - Drug metabolism pathways - Phase I transformations - Oxidative reactions, The NIH Effect (Alkene epoxidation, Aliphatic hydroxylation, Oxidation of Carbon-Oxygen system and Oxidation of Carbon-Sulphur system), Reductive reactions (Carbonyl reduction, Reduction of Nitro group, Reductive Dehalogenation) and Hydrolytic reactions - Phase II transformations - Conjugation reaction (Glucouronic acid conjugation, Amino acid conjugation, Sulphate conjugation, Acetic acid conjugation and methyl conjugation) and Hard and Soft drugs.

Unit III Body Fluids

Blood Volume - Blood group - Functions of blood - Blood pressure - Anaemia - Blood sugar - Haemoglobin - Chemistry of respiration - Urine - Electrolyte balance.

Enzymes - Types and their action - Hormones and their biological functions - Digestion in mouth, stomach, pancreas and intestine.

Unit IV Energy Metabolism

Introduction - Energy and metabolism - Measurement of energy - Energy cycle - Transformation of energy - Controlled energy in human metabolism - Covalent bond, Hydrogen bond and Phosphate bond. Controlled Reaction rates - Enzymes, Coenzymes and Hormones - Types of Metabolic reactions - Anabolism and catabolism - Energy metabolism - Basal metabolism, Methods of measuring BMR and Factors influencing BMR - Total energy requirement.

Unit V Food adulteration and Testing

Introduction - Legal aspects of food adulteration and prevention - Common Food adulterants in edible oils, ghee, coffee powder, chilli powder, turmeric powder, meat and milk - Harmful effects of the adulterants - Food Additives - Sweeteners, preservatives, flavours and colourants - Pesticide contaminants - Toxicants.

Text books

1. Ahluwalia V.K, Madhu Chopra. *Medicinal chemistry*. Ane Books Pvt ltd. Ane's Student edition, 2009.
2. Deb A.C. *Fundamentals of Biochemistry*. Calcutta: New Central Book Agency. 1994.
3. Alex V. Ramani. *Food chemistry*. Chennai. MJP Publishers. 2014.

Books for Reference

1. Ashutosh Kar. *Medicinal Chemistry*. New Delhi: Wiley Easterns Ltd. 1993
2. Jayashree Ghosh. *A text book of Pharmaceutical chemistry*. S. Chand & Co Ltd. 1999.
3. Satake M, Mido Y. *Chemistry for Health Science*. New Delhi: Discovery Publishing House. 2003.

Semester – II			
Core IX	Religion and Literature		
Course Code: 21PENC24	Hrs /Week : 5	Hrs / Sem : 75	Credits :4

Objectives:

To enable students understand the values of religion.

To impart ethical and didactic principles expounded in literary pieces.

Course Outcome:

CO. No.	Upon completion of this course, students will be able to	PSO addressed	Cognitive Level
CO-1	apprehend and accept all religions as traditional and cultural phenomena.	3,4	Un
CO- 2	focus on the plurality of religious voices and expressions.	1,2	Un
CO- 3	critically analyse the religious components in literature.	4	Ap
CO- 4	analyse the spiritual dynamics of interpersonal relationship between God and humans.	3	An
CO- 5	explore and interpret philosophical, psychological and cognitive dynamics of religion.	1,2	Ev
CO- 6	spot out the essential values of mankind.	4,5	Ev
CO- 7	evaluate the significance of literary works in shaping the society.	3,6	Ev
CO- 8	demonstrate how religious contexts influence the creation of literary works.	4	Cr

Semester – II			
Core IX	Religion and Literature		
Course Code: 21PENC24	Hrs / Week : 5	Hrs / Sem : 75	Credits : 4

Unit I Poetry

George Herbert (1593-1633)	: The Collar
Francis Thompson (1859-1907)	: Hound of Heaven
Mahmoud Darwish (1941 -2008)	: In Jerusalem

Unit II Prose

Sri Aurobindo (1872-1950)	: The Divine Teacher
The Bible	: Book of Jonah
Quran	: Surah Al – Hujurat (The Dwellings) Surah Al- Isra (The Journey by Night)

Unit III Drama

John Milton (1608-1674)	: <i>Samson Agonistes</i>
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Unit IV Fiction

Hermann Hesse (1877 -1962)	: <i>Siddhartha</i>
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Unit V Short Stories

Anatole France (1844-1924)	: Our Lady's Juggler
Sean O'Faolain (1900-1991)	: Sinners
Sharla Guenther	: Parable of the Talents (Self Study)

Text Books:

1. Hesse, Hermann. *Siddhartha*. India: Fingerprint, 2012.
2. Milton, John. ed. Verity A.W. *Samson Agonistes*. Cambridge: Cambridge University Press, 1893.
3. *Holy Bible*. New International Version, New York, Biblica, 2011.
4. *Holy Quran*. Translated by Talal Itani, Beirut. Clear Quran Dallas, 2001.

Books for Reference:

1. Detweiler, Robert. *Religion and Literature: A Reader*. Westminster: John Knox Press, 2000.
2. Gabel, John. *The Bible as Literature: An Introduction*. Oxford: Oxford University Press, 2005.
3. Sri Aurobindo, *Essays on the Gita*, Sri Aurobindo Ashram Press, Pondicherry, 1997.

4. Knight, Mark. *An Introduction to Religion and Literature*. New York: Continuum International Publishing Group, 2009.
5. Nandakumar, Prema. *Sri Aurobindo: A Critical Introduction*. New Delhi: Sterling Publishers Private Ltd., 1988.

E- Resources:

1. Buchen, Irving H. "Source-Hunting versus Tradition: Thompson's 'The Hound of Heaven.'" *Victorian Poetry*, vol. 2, no. 2, 1964, pp. 111–115. *JSTOR*, www.jstor.org/stable/40001255. 23 Feb. 2021.
2. Gordon, David J., and Barbara Leah Harman. "Herbert's 'The Collar.'" *PMLA*, vol. 94, no. 2, 1979, pp. 324–326. *JSTOR*, www.jstor.org/stable/461898. 18 Feb. 2021.
3. Mohamed, Feisal G. "Confronting Religious Violence: Milton's 'Samson Agonistes.'" *PMLA*, vol. 120, no. 2, 2005, pp. 327–340. *JSTOR*, www.jstor.org/stable/25486163. 25 Sep. 2020.
4. Scott, David Randall. "The Book of Jonah: Fore shadowing of Jesus as the Christ." *BYU Studies Quarterly*, vol. 53, no. 3, 2014, pp. 160–180. www.jstor.org/stable/43040012. 21 Oct. 2020.
5. Von Molnár, Géza. "The Ideological Framework of Hermann Hesse's 'Siddhartha.'" *Die Unterrichtspraxis / Teaching German*, vol. 4, no. 2, 1971, pp. 82–87. *JSTOR*, www.jstor.org/stable/3529722. 12 Jan. 2021.

SEMESTER – II			
Core X		Psychology and Literature	
Course Code : 21PENC25	Hrs / Week : 5	Hrs / Sem : 75	Credits : 4

Objectives:

To help students explore the relation between life and literature.

To deepen the understanding of psychological theories in literary context.

Course Outcome:

CO. No.	Upon completion of this course, students will be able to	PSO addressed	Cognitive Level
CO-1	understand the depth and range of psychological theories.	1,3	Un
CO-2	understand the various types of development that an individual experiences in life.	1,6	Un
CO-3	demonstrate the understanding of human experiences through the study of literature.	5	Ap
CO-4	appraise how race, gender, class and sexuality influence the consciousness of human beings.	4	An
CO-5	analyse the texts based on psychological and literary theories.	1,3	An
CO-6	critically examine the relationship between life and literature.	3	Ev
CO-7	assess the ways in which various aspects of identity, subject positions and affiliations influence literary traditions.	4	Ev
CO-8	evaluate literary writings in the psychological perspective.	3,4	Ev

SEMESTER - II			
Core X	Psychology and Literature		
Course Code : 21PENC25	Hrs / Week : 5	Hrs / Sem : 75	Credits : 4

Unit - I Introduction

Basic concepts in Psychology : Trauma, Defence Mechanism, Neurotic and Psychotic Relations

Carl Jung (1875-1961) : Psychology and Literature

Unit - II Poetry

Robert Browning (1812-1889) : My Last Duchess

Robert Frost (1874-1963) : Home Burial

Kamala Das (1928-2016) : The Dance of the Eunuchs

Unit - III Prose

Wellek & Warren : Theory of Literature – Literature and Psychology

Sigmund Freud (1856-1939) : Creative Writers and Day Dreaming

Unit - IV Drama

Edward Albee (1928-2016) : *Who's Afraid of Virginia Woolf?*

Unit - V Fiction

Sylvia Plath (1932-1963) : *The Bell Jar*

Text Books:

1. Albee, Edward. *Who's Afraid of Virginia Woolf?* New York, Pocket Books, 1963.
2. Ghiselin, Brewster. *The Creative Process: A Symposium*. New American Library, New York, University of California Press, 1952.
3. Plath, Sylvia, Fran McCullough, and Lois Ames. *The Bell Jar: Novel*. New York, Harper Perennial, 2006.

Books for Reference:

1. Frazer, James. *The Golden Bough*. London: Macmillan Publishers, 1980.
2. Gallop, Jane. *The Daughter's Seduction: Feminism and Psychoanalysis*. New York: Cornell University Press, 1982.
3. Weston, Jessie. *From Ritual to Romance*. New Jersey: Princeton Univ. Press, 1920.
4. Vijayarani S, Deva Prasanna D, eds. *An Introduction to Psychology and Literature*. Chennai: Emerald Publishers, 2014.

E- Resources:

1. Budick, E. Miller. "The Feminist Discourse of Sylvia Plath's the Bell Jar." *College English*, vol. 49, no. 8, 1987, pp. 872–885. *JSTOR*, www.jstor.org/stable/378115. 20 Jan. 2021.
2. Holtan, Orley I. "'Who's Afraid of Virginia Woolf?'" and the Patterns of History." *Educational Theatre Journal*, vol. 25, no. 1, 1973, pp. 46–52. *JSTOR*, www.jstor.org/stable/3205834. 15 Dec. 2020.
3. Person, Ethel Spector, et al., editors. *On Freud's "Creative Writers and Day-Dreaming"*. Yale University Press, 1995. *JSTOR*, www.jstor.org/stable/j.ctt2250vrw. 22 Jan. 2021.
4. Stone, Marjorie. "Constructing the Archive and the Nation in: 'Italy! World's Italy!', 'My Last Duchess,' Aurora Leigh, and an Unpublished Manuscript by Elizabeth Barrett Browning." *Victorian Review*, vol. 33, no. 2, 2007, pp. 35–57. *JSTOR*, www.jstor.org/stable/27793645. 02 Jan. 2021.

SEMESTER II			
Core V Counselling Psychology			
Code: 21PPSC21	Hrs/Week: 5	Hrs/ Sem: 75	Credit: 4

Vision: To impart different models and ethical principles of counselling psychology.

Mission: To understand the skills to be practiced in a counselling sessions.

Course Outcomes:

CO.No.	Upon completion of this course, students will be able to.	PSO addressed	CL
CO-1	know the emergence of counselling and their ethical principles.	1 & 2	Re, Un
CO-2	understand various theories and techniques applied in counselling sessions.	2 & 3	Un, An
CO-3	understand about the process in which counselling services are provided.	4 & 5	Ev, Un
CO-4	apply the skills described to counsel individuals and master them by practicing.	3 & 4	Un, Ap
CO-5	know about the two different models of counselling.	5 & 7	Un, Ev
CO-6	evaluate the differences in the two models of counselling.	5 & 6	Un, An
CO-7	evaluate one's personal difficulties in dealing with clients and also about difficult clients in general.	6 & 8	Un, Ev
CO-8	create a wider understanding about the skills and techniques applied in counselling.	1,4 & 8	Cr, An

UNIT I- Introduction

The emergence of Counselling, Definition, Understanding the goals of counselling – Outcome and Process, Ethics in counselling.

UNIT II- Theories and Techniques Applied in Counselling

Theories of counselling – Psychoanalytic, Person centered, Gestalt, Cognitive, Behavioral, and JPMR - Systematic Desensitization.

Techniques to Improve Counselling - Structuring, Leading, Questions, Handling Hesitant Clients, Resistance, Transference and Counter Transference, Commitment to Action and Termination – Process of Goal Setting, Design and Implementation, Termination.

UNIT III- Basic Communication Skills for Counselling

Attending: Being visibly tuned to the clients – The Micro skills of attending, the helper's nonverbal communication, Active Listening, The shadow side of listening to clients, Listening to oneself; Basic empathy –The three dimensions of responding skills, communicating understanding to clients, Basic empathy formula, principles to guide the use of empathy; The art of probing and summarizing – Principle in the use of probe, The art of summarizing

UNIT IV- Egan and Patterson's Model of Counselling

Overview of Egan's skilled helper model – Stage I: The current state of affairs – clarification of the key issues calling for change; Stage II: The Preferred Scenario – Helping client determine what they need and want; Stage III: Strategies for action – Helping clients discover how to get what they need or want; Action: making it all happen – Helping clients turn decisions into problem-managing action; Ongoing evaluation of the helping process;

Patterson's Model – Stages and skills in counselling process: the three stages of counselling in perspective – ways to initiate communication and build counselling relationship; core conditions of counselling; ways to enhance communication; in-depth exploration – goals & methods – advanced empathy, immediacy, confrontation, interpretation; role playing, emotional catharsis, transference and counter transference. The process of goal setting, design & implementation of action plans.

UNIT V- Dealing with Difficult Clients

Client's reluctance and resistance; Working with client's reluctance; Counsellor's emotions towards the ambivalent, indifferent or oppositional clients; Working with ambivalent, indifferent & oppositional clients: Understanding hesitant clients.

Test Book

1. Patterson, L.E., Welfel, E.R. (2000). *The counselling process*, (5th ed). Wadsworth, Brooks/Cole Thomson Learning.
2. Egan, G. (2013). *The skilled helper – A Problem Management Approach to Helping*. Brooks/Cole Publishers

Reference

1. Jones, N., (1982), "*The Theory and Practice of Counseling Psychology*", Holt Rinehart & Winston, New York.
2. Rosemary A Thompson (2016). *Counseling Techniques-Improving relationships with others, ourselves, our families, and our environment*, 3rd ed. Routledge.
3. Nelson-Jones (2008). *Basic Counselling Skills*. Sage Publications.
4. Jacobs, M. (2004). *Psychodynamic counselling in action*. Sage Publications.
5. Ray Woolfe, Sheelagh Strawbridge Barbara Douglas, Windy Dryden (2010). *Handbook of counselling psychology*. 3rd Ed Sage publication