

## Indian Institute of Technology Roorkee

NAME OF DEPTT./CENTRE: **Humanities & Social Sciences**

1. Subject Code: **HSS-01** Course Title: **Economics**

2. Contract Hours: **L: 2 T: 1 P: 0**

3. Examination Duration (Hrs.) **Theory**  **Practical**

4. Relative Weightage: **CWC**  **MTE**  **ETE**

5. Credits:

6. Semester: Spring  Autumn  Both

7. Pre- requisite: Nil

8. Subject Area: HSSMEC

9. Objective: To acquaint the students with theoretical and applied aspects of economics

10. Details of Course:

Sl. No.	Contents	Contract Hours
1	<b>Basic Concepts:</b> Micro and macro economics, static and dynamic economics, national income concepts, concepts of economic planning, Indian Union Budget.	5
2	<b>Consumer Behaviour:</b> Demand, law of demand, elasticity of demand, cardinal and ordinal utility approaches.	5
3	<b>Production and Cost Analysis:</b> Production functions, laws of returns and returns to scale, Cobb-Douglas production function; cost theory and functions, break-even analysis.	5
4	<b>Pricing of Final Products:</b> Marginal analysis approach— price output determination under perfect and imperfect market conditions (perfect competition, monopoly, monopolistic competition and oligopoly)	4
5	<b>Money and Capital Markets:</b> Difference, Constituents of capital markets, Stock Exchanges and their function	2
6	<b>Inflation, Unemployment and Stabilization Policies</b>	3
7	<b>Economic Appraisal Techniques</b>	2
8	<b>WTO and Intellectual property Rights</b>	2
9	<b>Total</b>	<b>28</b>

## 11. Suggested Books

S. No.	Author (s)/ Title/Publisher	Year of Publication /Reprint
1.	Koutsoyiannis, A., "Modern Microeconomics", Second Edition, Macmillon	2008
2	Baumol, W.J. and Blinder, A.S. , " Microeconomics: Theory and Application" , Cengage Learning India, Second Indian Preprint	2011
3	Mankiv, N.G., " Principle of Economics", Cengage Learning India, First Indian Preprint	2012
4	Chandra, P., " Financial Management", Tata-McGraw Hill, New Delhi	2008
5	Kennedy P.E, " Macroeconomic Essentials", Eastern Economy Edition, PHI Learning , New Delhi	2010
6	Gordon R.J. " Macroeconomics" Eastern Economy Edition, PHI Learning , New Delhi	2011
7	Rittenberg, L. and Tregarthen, T., " Principles of Macroeconomics, Flat World Knowledge, Inc	2009
8	Rosanna, R.J., "Macroeconomics", Routledge	2011

2013

## INDIAN INSTITUTE OF TECHNOLOGY ROORKEE

NAME OF DEPTT./CENTRE: **Humanities and Social Sciences**

1. Subject Code: **HSS-02** Course Title: **Introduction to Sociology**

2. Contact Hours: **L: 2 T: 1 P: 0**

3. Examination Duration (Hrs.): **Theory** 2 **Practical** 0

4. Relative Weightage: **CWS** 25 **MTE** 25 **ETE** 50

5. Credits: 2 6. Semester: **Both** 7. Subject Area: **HSSMEC**

8. Pre – requisite: **Nil**

9. Objective: The course provides a basic understanding of Sociological concepts and perspectives.

10. Details of the course:

S. No.	Contents	Contact Hours
<b>1</b>	<b>Introduction:</b> Defining sociology, evolution of sociology, paths of sociology: historical, empirical & analytical, concepts: culture, socialisation, social control, power, authority	<b>4</b>
<b>2</b>	<b>Sociological Methods:</b> Ethnography, surveys, experiments, life histories, comparative research, historical analysis, human subjects and ethical problems in research	<b>3</b>
<b>3</b>	<b>Social Stratification and Change:</b> Marxist, Weberian and functionalist perspectives on stratification; caste system; <i>jajmani</i> system; sankritisation; westernisation, secularisation and modernisation	<b>6</b>
<b>4</b>	<b>Globalisation and the Changing World:</b> Determinants and Effects of globalization; nation-state, nationality and globalization; globalization and inequality; globalization and media	<b>4</b>
<b>5</b>	<b>Social Movements:</b> Nature of social movements; reform movements; peasant/agrarian movements; tribal movements; dalit movements; new social movements	<b>5</b>
<b>6</b>	<b>Classical Theories:</b> Auguste Comte, Herbert Spencer, Emile Durkheim, Karl Marx, Max Weber	<b>6</b>
	<b>Total</b>	<b>28</b>

### 11. Suggested Books:

<b>S. No.</b>	<b>Author/Book/Publisher</b>	<b>Year of Publication/Reprint</b>
<b>1</b>	Ahuja, R., "Indian Social System", Rawat Publications, Jaipur.	<b>2009</b>
<b>2</b>	Giddens, Anthony, Sociology, Polity Press: Cambridge, 5 <sup>th</sup> edition	<b>2006</b>
<b>3</b>	Gupta, D., "Social Stratification", Oxford University Press, New Delhi.	<b>2010</b>
<b>4</b>	Harlambos, M. and Heald, R.M., "Sociology-Themes and Perspective", Oxford University Press, New Delhi.	<b>2008</b>
<b>5</b>	Shah, G., "Social Movements in India: A Review of the Literature", Sage, New Delhi. 15 <sup>th</sup> Edition	<b>2004</b>
<b>6</b>	Srinivas, M. N., "Social Change in Modern India", Orient Blackswan, New Delhi.	<b>2007</b>