

Department of Humanities and Social Sciences							
Course Code	Title of the course	Program Core (PCR) / Electives (PEL)	Total Number of contact hours				Credit
			Lecture (L)	Tutorial (T)	Practical (P) [#]	Total Hours	
HSC631	Principles of Economics	PCR	3	0	0	3	3
Pre-requisites		Course Assessment methods (Continuous evaluation (CE) and end assessment (EA))					
NIL		CE+EA					
Course Outcomes	<ul style="list-style-type: none">To review basic economic principles with students;To introduce students basic capital appraisal methods used for carrying out economic analysis of different alternatives of engineering projects or works;To educate the students on how to evaluate systematically the various cost elements of a typical manufactured product, an engineering project or service, with a view to determining the price offer.						
Topics Covered	Group A: Microeconomics						
	Sl. No.	Name					C H
	Unit 1:	Economics: Basic Concepts					3
	Unit 2:	Theory of Consumer Behaviour					3
	Unit 3:	Theory of Production, Cost and Firms					3
	Unit 4:	Analyses of Market Structures: Perfect Competition					3
	Unit 5:	Monopoly Market					3
	Unit 6:	General Equilibrium					3
	Unit 7:	Welfare Economics					3
	TOTAL						21
	Group B: Macroeconomics						
	Sl. No.	Name					CH
	Unit 1:	Introduction to Macroeconomic Theory					3
	Unit 2:	National Income Accounting					3
	Unit 3:	Determination of Equilibrium Level of Income					3
	Unit 4:	Money, Interest and Income					3
	Unit 5:	Inflation					3
	Unit 6:	Unemployment					3
	Unit 7:	Multiplier					3
	TOTAL						21

Text Books, and/or reference material	<p>Group A: Microeconomics</p> <ol style="list-style-type: none"> 1. Koutsoyiannis: Modern Microeconomics 2. Maddala and Miller: Microeconomics 3. AnindyaSen: Microeconomics: Theory and Applications 4. Pindyck&Rubinfeld: Microeconomics <p>Group B: Microeconomics</p> <ol style="list-style-type: none"> 1. W. H. Branson: Macroeconomics – Theory and Policy (2nd ed) 2. N. G. Mankiw: Macroeconomics, Worth Publishers 3. Dornbush and Fisher: Macroeconomic Theory 4. SoumyenSikder: Principles of Macroeconomics
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Course Outcomes	<ul style="list-style-type: none"> To review basic economic principles with students; To introduce students basic capital appraisal methods used for carrying out economic analysis of different alternatives of engineering projects or works; To educate the students on how to evaluate systematically the various cost elements of a typical manufactured product, an engineering project or service, with a view to determining the price offer. 						
Topics Covered	<p>(A) Microeconomics</p> <ol style="list-style-type: none"> 1. Economics: Basic Concepts (3) 2. Theory of Consumer Behaviour (3) 3. Theory of Production, Cost and Firms (3) 4. Analyses of Market Structures: Perfect Competition (3) 5. Monopoly Market (3) 6. General Equilibrium (3) 7. Welfare Economics (3) <p>(B) Macroeconomics</p> <ol style="list-style-type: none"> 1. Introduction to Macroeconomic Theory (3) 2. National Income Accounting (3) 3. Determination of Equilibrium Level of Income (3) 4. Money, Interest and Income (3) 5. Inflation (3) 6. Unemployment (3) 7. Multiplier (3) 						
Text Books, and/or reference material	<p>Group A: Microeconomics</p> <ol style="list-style-type: none"> 1. Koutsoyiannis: Modern Microeconomics 2. Maddala and Miller: Microeconomics 3. AnindyaSen: Microeconomics: Theory and Applications 4. Pindyck&Rubinfeld: Microeconomics <p>Group B: Microeconomics</p> <ol style="list-style-type: none"> 1. W. H. Branson: Macroeconomics – Theory and Policy (2nd ed) 2. N. G. Mankiw: Macroeconomics, Worth Publishers 3. Dornbush and Fisher: Macroeconomic Theory 4. SoumyenSikder: Principles of Macroeconomics 						

NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR

DEPARTMENT OF HUMANITIES & SOCIAL SCIENCES

LIST OF OPEN ELECTIVE SUBJECTS TO BE OFFERED TO B. TECH. STUDENTS

(From 2017 Admission Batch onwards)

Sl. No.	Sub. Code	Subject Name	Faculty/ Examiner
SEMESTER : 5TH			
1	HSO 540	Entrepreneurship Development: Theory and Practice	Prof. P P Sengupta
SEMESTER : 6TH			
1	HSO 640	Indian Writings in English	Dr Joydeep Banerjee
SEMESTER : 7TH			
1	HSO 740	Development Economics and Sustainable Development	Prof. P P Sengupta
2	HSO 741	Creative Writing in English	Dr Shrikrishan Rai
SEMESTER : 8TH			
1	HSO 840	International Economics and Globalisation	Prof. P P Sengupta
2	HSO 841	Literature and Cinema	Dr Shrikrishan Rai

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Signature of Head

Department of Humanities and Social Sciences				
Course	Title of the course	Program Core	Total Number of contact hours	Credit

Code		(PCR) / Electives (PEL)	Lecture (L)	Tutorial (T)	Practical (P)	Total Hours																																																	
HSO 540	Entrepreneurship Development: Theory and Practice	PEL	3	0	0	3	3																																																
Pre-requisites		Course Assessment methods (Continuous evaluation (CE) and end assessment (EA))																																																					
NIL		CE+EA																																																					
Course Outcomes	CO1: The students develop and can systematically apply an entrepreneurial way of thinking that will allow them to identify and create business opportunities that may be commercialized successfully.																																																						
Topics Covered	<table><thead><tr><th>Sl. No.</th><th>Topic</th><th>Contact Hours</th></tr></thead><tbody><tr><td>Unit 1</td><td>Entrepreneur: Definition</td><td>3</td></tr><tr><td>Unit 2</td><td>Entrepreneur: Theory</td><td>3</td></tr><tr><td>Unit 3</td><td>Entrepreneurship: Success Story</td><td>3</td></tr><tr><td>Unit 4</td><td>Factors Affecting Entrepreneurial Growth</td><td>3</td></tr><tr><td>Unit 5</td><td>Entrepreneurial Motivation</td><td>3</td></tr><tr><td>Unit 6</td><td>Creativity</td><td>3</td></tr><tr><td>Unit 7</td><td>Financing of Enterprises</td><td>3</td></tr><tr><td>Unit 8</td><td>Forms of Business Ownership</td><td>3</td></tr><tr><td>Unit 9</td><td>Business Plan I</td><td>3</td></tr><tr><td>Unit 10</td><td>Business Plan II</td><td>3</td></tr><tr><td>Unit 11</td><td>Project Appraisal I</td><td>3</td></tr><tr><td>Unit 12</td><td>Project Appraisal II</td><td>3</td></tr><tr><td>Unit 13</td><td>Entrepreneurship Practice I</td><td>3</td></tr><tr><td>Unit 14</td><td>Entrepreneurship Practice II</td><td>3</td></tr><tr><td colspan="2">TOTAL</td><td>42</td></tr></tbody></table>							Sl. No.	Topic	Contact Hours	Unit 1	Entrepreneur: Definition	3	Unit 2	Entrepreneur: Theory	3	Unit 3	Entrepreneurship: Success Story	3	Unit 4	Factors Affecting Entrepreneurial Growth	3	Unit 5	Entrepreneurial Motivation	3	Unit 6	Creativity	3	Unit 7	Financing of Enterprises	3	Unit 8	Forms of Business Ownership	3	Unit 9	Business Plan I	3	Unit 10	Business Plan II	3	Unit 11	Project Appraisal I	3	Unit 12	Project Appraisal II	3	Unit 13	Entrepreneurship Practice I	3	Unit 14	Entrepreneurship Practice II	3	TOTAL		42
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Text Books, and/or reference material	TEXT BOOKS: 1. Donald F. Kuratko . <i>Entrepreneurship: Theory, Process, and Practice</i> ,Cengage Learning, 2008 2. Robert Baron&Scott Shane . <i>Entrepreneurship: A Process Perspective</i> ,Cengage Learning, 2007 REFERENCE BOOKS: 1. S. S. Khanka . <i>Entrepreneurial Development</i> , S. Chand Limited, 2006. 2. GeorgeVozikis, Timothy Mescon, Howard Feldman & Eric W Liguori. <i>Entrepreneurship: Venture Initiation. Management and Development</i> .Routledqe. 2013.																																																						

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Course Code	Title of the course	Program Core (PCR) / Electives (PEL)	Total Number of contact hours				Credit
			Lecture (L)	Tutorial (T)	Practical (P)	Total Hours	
HSO640	Indian Writings in English	PEL	3	0	0	3	3
Pre-requisites		Course Assessment methods (Continuous (CT) and end assessment (EA))					
NIL		CT+EA					
Course	<ul style="list-style-type: none"> CO1: Students will develop an understanding of History, Politics, Literature, and the 						

Outcomes	place of English in India with a special emphasis on the pursuit of nuclear weapons in the subcontinent which is the moral equivalent of Civil War.
Topics Covered	<ol style="list-style-type: none"> 1. History, Politics, Literature, and the Place of English in India (4) 2. Post-Nuclear India (4) 3. Historical Concepts of Indo-Pakistan Relations (4) 4. Thematic Concerns of Amitav Ghosh (4) 5. Ghosh's contribution to Indian Literature (4) 6. Close reading and analysis and discussion of <i>Countdown</i> (18) 7. Political struggle in the subcontinent can bring only immeasurable disaster (4)
Text Books, and/or reference material	Text Book: <ol style="list-style-type: none"> 1. Countdown—Amitav Ghosh

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Course Code	Title of the course	Program Core (PCR) / Electives (PEL)	Total Number of contact hours				Credit
			Lecture (L)	Tutorial (T)	Practical (P)	Total Hours	
HSO 740	Development Economics and Sustainable Development	PEL	3	0	0	3	3
Pre-requisites		Course Assessment methods (Continuous (CT) and end assessment (EA))					
NIL		CT+EA					
Course Outcomes	1. Develop an understanding about the basic concepts of Economics and Sustainable Development. 2. Know various Indian economic problems and significance of those for growth and development.						
Topics Covered	Sl. No.	Topic	Contact Hours				
	Unit 1	Economic Growth	3				
	Unit 2	Development I	3				
	Unit 3	Development II	3				
	Unit 4	Problems of Capital Formation I	3				
	Unit 5	Problems of Capital Formation II	3				
	Unit 6	Problems of Capital Formation III	3				
	Unit 7	Institutions and Economic Development I	3				
	Unit 8	Institutions and Economic Development II	3				
	Unit 9	Planning Problems I	3				
	Unit 10	Planning Problems II	3				
	Unit 11	Trade and Development I	3				

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HSO 840	International Economics and Globalization	PEL	3	0	0	3	3
Pre-requisites		Course Assessment methods (Continuous (CT) and end assessment (EA))					
NIL		CT+EA					
Course Outcomes	CO1: Have a good conceptual understanding of the key concepts and practical applications of international trade and globalization. CO2: Outline the development trade theory historically, differentiating standard classical and orthodox trade theories. CO3: Analyze the links between trade, international finance, economic growth and globalization, with a particular emphasis on the experiences of developing countries. CO4: Critically comment on and participate in current debates on international economic policy.						
Topics Covered	Sl. No.		Topic				Hours
	Unit 1	International Trade: Classical Theory					3
	Unit 2	International Trade: H-O Theorem					3
	Unit 3	International Trade: Factor Endowment Theorem					3
	Unit 4	International Trade Policy: Instruments					3
	Unit 5	Tariff and Protection					3
	Unit 6	Export Subsidy and Import Quota					3
	Unit 7	International Monetary Economics: Basics					3
	Unit 8	International Monetary Economics: Balance of Payments, Foreign trade Multiplier					3
	Unit 9	International Monetary Economics: Devaluation & Absorption Approach					3
	Unit 10	International Monetary System: fixed vs. flexible regime					3
	Unit 11	International Monetary System: Gold Exchange					3
	Unit 12	International Monetary System: IMF and World Bank					3
	Unit 13	Globalization					3
	Unit 14	Liberalization in Indian Economy					3
			TOTAL				
Text Books, and/or reference material	1. Krugman and Obstfeld, International Economics 2. Sodersten& Reed-International Economics 3. Salvatore – International Economics 4. Mishra & Puri- Indian Economy 5. Datta &Sundaram- Indian Economy 6. Sunanda Sen – Globalization and Development						

Outcomes	<ul style="list-style-type: none"> • CO2: To learn the basics of film designing procedure from different literary texts.
Topics Covered	<ul style="list-style-type: none"> • Differences and similarities between Literature and Cinema. (4) • Basics of Cinematic Adaptations (3) • The development of cinematic language as visual narration. (4) • Close reading/watching, analysis, and discussion on Cinematic adaptation I (4) • Close reading/watching, analysis, and discussion on Cinematic adaptation II(4) • Close reading/watching, analysis, and discussion on Cinematic adaptation III(4) • Close reading/watching, analysis, and discussion on Cinematic adaptation IV(4) • Close reading/watching, analysis, and discussion on Cinematic adaptation V(4) • Adaptation/Appropriation /Adulteration (8) • Future of Literature and Cinema (3)
Text Books, and/or reference material	<p>Text Books:</p> <ol style="list-style-type: none"> 1. Othello – William Shakespeare 2. Five Point Someone –Chetan Bhagat <p>Reference Books:</p> <ol style="list-style-type: none"> 1. Bluestone, George. <i>Novels into Film</i>, the John Hopkins Univ Press. 2003. 2. Mandal, Somdatta, <i>Film and Fiction: Word into Image</i>, Rawat 2005. 3. Rai, Shri Krishan, and A Raieds. <i>Adaptations: Some Journeys from Words to Visuals</i>, Cambridge Scholars Publishing, 2015. 4. Stam, Robert. <i>Film Theory: An Introduction</i>. Oxford Blackwell, 2000. 5. Tagore, Rabindranath. <i>The Home and the World</i>.

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Course Code	Title of the course	Program Core (PCR) / Electives (PEL)	Total Number of contact hours				Credit
			Lecture (L)	Tutorial (T)	Practical (P)	Total Hours	
HSS 51	Professional Communication Lab	PCR	1	0	2	3	2
Pre-requisites		Course Assessment methods (Continuous Test (CT) and/or End Assessment (EA))					
None		CT					
Course Outcomes	<ul style="list-style-type: none"> CO1: Improvement in linguistic proficiency of the learners CO2: Improvement in communicative ability of the learners 						
Topics Covered	<ol style="list-style-type: none"> Professional Communication: Introduction (1) Technical Writing: Basic Concepts (2) Style in Technical Writing (3) Technical Report (2) Recommendation Report (2) Progress Report (1) Technical Proposal (3) Business Letters (3) Letters of Job Application (2) Writing Scientific and Engineering Papers (3) Effective Use of Graphic Aids (2) Presentation Techniques (6) Group Discussion (6) Interview Techniques (6) 						
Text Books, and/or reference material	<p>Text Book:</p> <ol style="list-style-type: none"> English for Engineers –Sudharshana & Savitha (Cambridge UP) <p>Reference Books:</p> <ol style="list-style-type: none"> Technical Communication—Raman & Sharma (Oxford UP) Effective Technical Communication—M A Rizvi (McGraw Hill Education) 						