

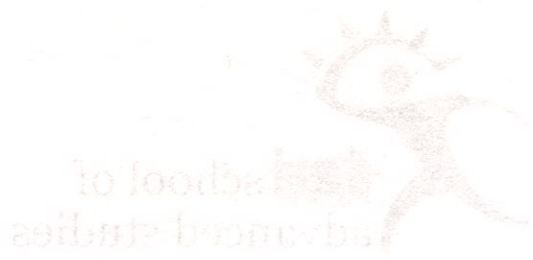


DARBARI SETH BLOCK, INDIA HABITAT CENTRE,
LODHI ROAD, NEW DELHI

**SUB: THIRTEENTH MEETING OF THE ACADEMIC COUNCIL
AGENDA NOTES**

Date : 30 December 2005
Venue : Conference Room, TERI
Time : 3.30 pm

Item No.	Particulars
Item No. 1	To confirm the minutes of the twelfth meeting of the Academic Council held on 27 th July 2005
Item No. 2	Matters for information
Item No. 3	To report the decisions taken by the Executive Committee of the Academic Council on behalf on the Academic Council.
Item No. 4	To consider and approve courses of the first semester of the M.A (Public Policy and Sustainable Development) programme.
Item No. 5	Any other item with the permission of the Chair.



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Item No. 1 To confirm the minutes of the twelfth meeting of the Academic Council held on 27th July 2005

The minutes of the twelfth meeting of the Academic Council held on 27th July 2005 were circulated to the members. No comments have been received so far.

The Academic Council may, therefore, consider confirming the minutes, as circulated.

Item No. 2 Matters for information

(i) The MA (Public Policy and Sustainable Development) programme will commence from 2nd January 2006. A total of 30 applicants have been shortlisted after a written test and interviews. In addition, one candidate from Bhutan would also be joining the programme.

(ii) Against the various posts advertised for faculty members at the School, the Chancellor has, on behalf of the Board of Management approved the appointment of the following :

Name	Area	Post offered
Ms Avantika Singh	Governance & Public Policy	Lecturer
Mr Amardeep Singh	Environmental Modeling	Lecturer
Mr Jaswant Singh	Environmental Modeling	Assistant Professor*
Dr Meenakshi	Natural Resources Management	Assistant Professor

* on completion of all requirements for the award of Ph.D.

Item No. 3 To report the decisions taken by the Executive Committee of the Academic Council on behalf on the Academic Council.

(i) Recommendation of names of outside experts to be included in the panel of experts to sit on the Selection Committee for faculty

The Executive Committee, on behalf of the Academic Council, approved the following names for inclusion in the existing panel of outside experts to sit on the Selection Committees for faculty positions at the School.

Law	Biotechnology
Prof. (Dr) K N Chandrashekar Pillai Director Indian Law Institute, New Delhi Bhagwandas Road, New Delhi-110001 Tel: 23387526	Dr Sudhir K Sopory Group Leader International Centre for Genetic Engineering and Biotechnology Plant Molecular Biology Unit Arun Asaf Ali Marg, New Delhi 110067 Tel No. 26192962

Prof. Nomita Aggarwal, Dean & Head of Department, Faculty of Law, University of Delhi, Delhi-110 007. Phone: 27667483, 27667725	Prof Akhilesh K Tyagi Head University of Delhi, South Campus Department of Plant Molecular Biology Benito Juarez Marg, New Delhi Phone 91-11-2467 3216 / 5095 (Lab)
Shri C. Jayaraj Secretary-General Indian Society of International Law V.K. Krishna Menon Bhavan 9, Bhagwan Dass Road, New Delhi-110001 Tel: 233844/59	Dr P S Srivastava Head, Centre for Biotechnology Hamdard University Faculty of Sciences Jamia Hamdard, Hamdard Nagar New Delhi 110 062 Tel No. 91-11-2608 9309 (Extn. 5582/5586) Tel No. 91-11-2608 8874 Email: pss410@rediffmail.com
Statistics	Dr K R Koundal Professor & Project Director National Research Centre on Plant Biotechnology Indian Agricultural Research institute Pusa Campus New Delhi 110 012 Tel No. 011-25848783, 25843984 Fax No. 2584-3984 Email: kirparam@rediff.com
Dr Arvind Seth Professor Dr Arvind Seth Indian Statistical Institute 7, SJS Sansanwal Marg New Delhi 110 016 Tel: 9811356590	

The Academic Council is request to approve.

Item No. 4 To consider and approve courses of the first semester of the M.A (Public Policy and Sustainable Development) programme.

The course outlines for the courses which will be offered in the first semester of the MA (PP&SD) programme are placed at Annexure 4.1. These have been approved by the Board of Studies of the Department of Policy Studies in its meeting held on 17 December 2005. The Academic Council is requested to consider and approve the course outlines.

Item No. 5 Any other item with the permission of the Chair.

Course no. and title:	PPS 111 - Quantitative analysis of public policy
Number of credits:	4
Number of lectures-tutorial-practicals:	42-14-0
Faculty Name:	Prof. A N Nankana

Course outline:

Introduction to statistics and its role in decision making, statistical concepts, data importance and collection, data summarization methods, variability and its measurements, probability and laws of probability, statistical distributions and sampling distributions, estimation and decision making using hypothesis testing, regression analysis and correlation analysis.

Evaluation Procedure:

- Tutorials/assignment : 10%
- 2 minor tests : 40%
- 1 major test (end semester) : 50%

Details of course content and allotted time

Topic	Allotted Time (Hours)		
	Lectures	Tutorials	Practicals
Statistics			
Introduction, role of statistics in learning and decision makings	1		
Types of data: primary and secondary data	1/2		
Data reliability different sources of primary and secondary data collection	1/2		
Summarisation of data			
Graphical representation of data using different methods	2		
Frequency distribution, histogram, frequency curve, frequency polygon cumulative frequency, ogive curves and their interpretations.	2		
Measures of center tendency/positioning; mean for ungrouped and grouped data , weighted mean, geometric mean, harmonic mean, median, and mode and their properties and comparison	2		
Measures of dispersion: dispersion, range , variance, standard Deviation, coefficient of variance, quartile and percentile values skewness and related properties	4	2	
Probability			
Concepts, meaning, different methods for calculating, laws of addition and multiplication of probability, independent events joint probability and marginal probability, probability of compound events	4		

Topic	Allotted Time (Hours)		
	Lectures	Tutorials	Practicals
Conditional probability, Bayes theorem, Concept of random variable, discrete and continuous random variables , expected value, variance	2	2	
Probability Distributions			
Binomial distribution, poisson and normal distribution and Applications	2		
Sampling theory & Distributions			
Types of sampling, sampling techniques, introduction to sampling distributions, standard error	2		
Sampling from normal distributions, sampling distribution of mean, t-distribution, chi –squared distribution and F - distribution, central limit theorem	2	2	
Estimation			
Estimator, estimate, Criteria of good estimator, types of estimation, point estimation	2		
Interval estimation of Population proportion, population mean and population standard deviation and sample size determination.	2	2	
Tests of hypothesis			
Decision making using data, concepts of hypothesis testing, types errors, level of significance, critical region, steps for testing of hypothesis.	2		
Testing for specified proportion, test for specified mean, variance based on one sample. Test for equality of two proportions, test for equality of two populations and variance	4		
Contingency table and applications of Chi square distribution Equality of two or more proportion, test of dependence of traits	2	2	
Types of relationships, Simple regression , scatter diagram	2		
Method of least squares, correlation coefficient, coefficient of determination	2		
Nonlinear regression, multiple regression analysis	2	4	
Total	42	14	0

Suggested readings:

- Mathematical Statistics by Freund and Walpole.
- Biostatistical Analysis by Jerrold. H. Zar, Prentice Hall of India.
- Regression Analysis by Draper and Smith.
- Sampling Methods by M.N. Murthy.
- Statistics with Application in Biology and Geology by Preben Blaesild and Jorgen Granfeldt, Chapman and Hall.
- Statistical Methods in Bioinformatics by Warren J. Ewens, Gregory R. Grant, Springer.

Course no. and title:
Number of credits:
Number of lectures-tutorial-practicals:
Faculty Name:

PS 141 - Economics and Public Policy
4
44-12-0
Dr Surender Kumar
Dr Arabinda Mishra

Course Outline:

This course is intended to acquaint students with the ways in which economic analysis bears on public policy issues. Students learn to identify the relevant economic analyses for their strengths and weaknesses in relation to the economic principles involved, and to comprehend and assess what professional economists can contribute to the public sector. The first portion of the course covers microeconomic theory with particular emphasis on determining price and output under perfect competition and other forms of market structure; general equilibrium and welfare theory; and the concept of market failure, including public goods, externalities, and imperfect market structure. It is not sufficient simply to learn the principles; the course is intended to learn how and when the principles may be applied to issues of policy. To achieve this, many principles are developed in the context of particular policy issues that we hope are of interest to intended group for their own sake. The second portion of the course covers macroeconomic theory with particular emphasis how aggregates such as inflation and unemployment are determined in the economy and how monetary and fiscal policies work in a developing country like India.

Evaluation Procedure:

- Assignments and presentations: 25%
- Minor tests: 30% (15% each)
- Major test (end semester): 45%

Details of course content and allotted time

S.No.	Topic	Allotted time (Hours)		
		Lectures	Tutorials	Practical
1.	Introduction to economics	1		
Microeconomic Theory				
2.	Theory of the Consumer Demand Analysis: basics of supply and demand; market equilibrium; determinants of supply and demand Theory of Consumer Behaviour: Indifference curve analysis; utility maximization; revealed preference analysis; indirect utility function; income and substitution effects; policy implications. <i>Examples: Willingness to pay studies.</i>	5	1	
3.	Theory of the firm Production Theory: production functions; profit maximization; returns to scale; cost functions; short run versus long run; factor demands; policy implications. <i>Examples: studies related to estimation of production, cost and profit function and policy climate.</i>	6	1	

S.No.	Topic	Allotted time (Hours)		
		Lectures	Tutorials	Practical
4.	Theory of pricing Perfect competition and efficiency; Monopoly; Price discrimination; Monopolistic competition; Oligopoly (classical and collusive oligopoly); Average Cost Pricing. <i>Examples:</i> <i>Studies related to the pricing of</i> <i>agricultural produce, industrial</i> <i>produce, public utilities (water,</i> <i>electricity, transport facilities) etc.</i>	6	2	
5.	Public goods, externalities and welfare analysis Pareto optimality conditions, the compensation principle and benefit- cost analysis; Introduction to public goods; Provision of a public good; Externalities: positive and negative; Solutions to problems of externalities. <i>Examples: Studies related to the</i> <i>provision of infrastructure; subsidies</i> <i>for merit goods such as education,</i> <i>health (positive externalities) and</i> <i>alternative mechanisms to control</i> <i>pollution problems (negative</i> <i>externalities)</i>	4	2	
Macroeconomic Theory				
6.	National income accounting Concepts of national income (GDP, GNP etc), SNA framework, preparation of National Income Accounts in India	6	2	
7.	IS –LM model The goods market and the IS curve; The assets market and the LM curve; Equilibrium in the goods and the assets market	5	1	
8.	Monetary and fiscal policy Monetary policy; Fiscal policy and crowding out; Policy mix	5	1	
9.	International linkages The balance of payments and exchange rates; Trade in goods, market equilibrium and the balance of trade; Capital mobility and the Mundell Fleming Model	6	2	
	Total	44	12	

Suggested readings:

- Hal R. Varian, Intermediate Microeconomics: A Modern Approach, 6th Edition, 2003, Affiliated East-West Press.

- Friedman, Lee S., The Microeconomic Analysis of Public Policy, Princeton University Press, Princeton and Oxford, 2002.
- Pindyck, R. S. and B. L. Rubinfeld, Microeconomics, 5th Edition, 2001.
- Rasmusen, E., Games and Information, Blackwell, 1989.
- Theodore Bergstrom, Laurence Blume, and Hal Varian, Private Provision of Public Goods, Journal of Public Economics, 29:25-49 1986
- Urs Schweitzer, Externalities and the Coase Theorem: Hypothesis or Result? Journal of Institutional and Theoretical Economics, 144:245-266, 1988.
- Edwin S. Mills and Arup Mitra (1997) Urban Development and Urban Ills, Commonwealth Publishers, Delhi.
- Mankiw, Macroeconomics 5th edition, 2003.
- Dornbusch, Fischer, Startz, Macroeconomics, Mc Graw Hill, 8th Edition, 2001.

Suggested to
give handy material
to the students. (incremental grants)

1. Johnson, J. S., *The Microeconomic Analysis of Public Policy*, Prentice-Hall, Englewood Cliffs, New Jersey, 1970.

2. Johnson, J. S. and J. L. Johnson, *Microeconomic Analysis*, McGraw-Hill, 1970.

3. Johnson, J. S., *Microeconomic Analysis*, McGraw-Hill, 1970.

4. Johnson, J. S., *Microeconomic Analysis*, McGraw-Hill, 1970.

5. Johnson, J. S., *Microeconomic Analysis*, McGraw-Hill, 1970.

6. Johnson, J. S., *Microeconomic Analysis*, McGraw-Hill, 1970.

7. Johnson, J. S., *Microeconomic Analysis*, McGraw-Hill, 1970.

8. Johnson, J. S., *Microeconomic Analysis*, McGraw-Hill, 1970.

9. Johnson, J. S., *Microeconomic Analysis*, McGraw-Hill, 1970.

10. Johnson, J. S., *Microeconomic Analysis*, McGraw-Hill, 1970.

Course no. and title:

PPS 143 - Public finance and international trade

Number of credits:

4

Number of lectures-tutorial-practicals:

51-10-0

Faculty Name:

Dr Arabinda Mishra

Dr Saon Ray

Course outline:

This course would cover topics in Public Finance and International Trade. The objective of this course is to expose the students to the current issues in these areas which can be addressed by first laying down the theory of the various issues.

Evaluation Procedure:

- Assignments and presentations: 25%
- Minor tests: 30% (15% each)
- Major test (end semester): 45%

Details of course content & allotted time

No.	Topics	Allotted time (hours)		
		Lectures	Tutorials	Practicals
A.	Public Finance			
1.	Introduction – Introduction to the course & its objectives – Equity, efficiency & the role of the state – Public choice	3	-	
2.	Public finances in India: an introduction – India's fiscal system and the federal structure – Links with macroeconomic performance – Demystifying the budget	3	1	
3.	Public Expenditure: theory & empirics – Theory of public expenditure – Economics of subsidies – Public expenditure in India & its reforms – Social security in the context of macroeconomic reforms (focus on pension reforms)	6	2	
4.	Taxation – Equity vs efficiency; optimal taxation – Direct and indirect taxes – Tax incidence; analysis of select taxes – Economic impacts of taxation; concept of excess burden; effectiveness of tax incentives – Tax structure & trends in India – Tax reforms in India vis-à-vis international experience	8	2	

No.	Topics	Allotted time (hours)		
		Lectures	Tutorials	Practicals
	<ul style="list-style-type: none"> - Economics of VAT and its implementation in India - Evaluating alternative tax systems 			
5.	Public Debt <ul style="list-style-type: none"> - Economics of public debt - Public debt in India and fiscal reforms (FC recommendations; debt swaps; sinking funds; etc) 	2		
6.	Fiscal reforms in India vis-à-vis international experience	1		
B. International Trade				
8.	The law of comparative advantage <ul style="list-style-type: none"> - absolute and comparative advantage - opportunity costs and neoclassical demonstration of comparative advantage 	2		
9.	The HOS model <ul style="list-style-type: none"> - factor intensity and factor abundance - the Hecksher Ohlin Samuelson model - Rybczynski theorem and the Stolper Samuelson theorem 	4		
10.	Alternative trade theories and empirical testing <ul style="list-style-type: none"> - the Leontief paradox - empirical challenges to traditional theory – increasing returns - monopolistic competition and international trade - technological gap and product cycle 	4	1	
11.	Growth and trade <ul style="list-style-type: none"> - sources of economic growth - the effect of growth on small and large countries - the terms of trade effect - the Prebisch Singer hypothesis 	2		
12.	Economies of scale, Imperfect Competition and International Trade <ul style="list-style-type: none"> - Economies of scale and market structure - economies of scale and comparative advantage - dynamic externalities and economies of scale - Protection <ul style="list-style-type: none"> - the theory of domestic distortions - infant industry argument - arguments against protection dumping 	4	1	

No.	Topics	Allotted time (hours)		
		Lectures	Tutorials	Practicals
13.	International factor movements - international labour mobility - direct foreign investment and multinational firms	2	1	
14.	Instruments of commercial policy - Tariff analysis - partial and general equilibrium analysis of tariff - Other instruments: export taxes, export subsidies, quantitative restrictions, VERs, other Non Tariff Barriers	4	1	
15.	Political economy of trade policy The case for free trade Economic integration - preferential trading arrangements - the theory of customs unions, trade creation and diversion - welfare analysis of FTAs World trading system – GATT, WTO and the Uruguay Round	4	1	
16.	Trade policy in developing countries - the infant industry argument and import substitution policies - impact of trade liberalization	2		

Suggested readings:

- Atkinson, A.B. and J. Stiglitz, (1980) Lectures on Public Economics, McGraw Hill, New York.
- Jha, R. (1998) Modern Public Economics, London, Routledge.
- Krugman, P.R. and M. Obstfeld (2003) International Economics: Theory and Policy. Addison Wesley and Pearson.
- Musgrave, R.A. and P.B. Musgrave (1989) Public Finance in Theory and Practice, McGraw Hill, 5th edition.
- Rosen, S. H. (2002) Public Finance, Chicago, Irwin.
- Stiglitz, J. (2000) Economics of the Public Sector, Norton, 3rd edition.

Other readings (International Trade)

- Baldwin, R., (1969) The Case Against Infant Industry Protection, Journal of Political Economy, May, 77, 295-305.

- Baldwin R. and A. Venables, 1995, Regional Economic Integration, in G. Grossman and K. Rogoff, (eds.), Handbook of International Economics, vol.3, Amsterdam, North Holland.
- Bagwell K. and R.W. Staiger, (1999), An Economic Theory of the GATT", American Economic Review, 89, 1, 215-248.
- Bhagwati, J.N., A. Panagariya and T.N. Srinivasan (1998) Lectures on International Trade , The MIT Press, Cambridge, Massachusetts and London. 2nd edition.
- Caves, R.E. and H.G. Johnson, (1968) Readings in International Economics, American Economic Association, Richard D. Irwin, Inc., Homewood, Ill.
- Caves, R.E. (1996) Multinational enterprises and economic analysis, Cambridge: Harvard University Press.
- Corden, M.W. (1971), The Theory of Protection, Oxford, Clarendon Press.
- Corden, M.W. (1974) Trade Policy and Economic Welfare, Oxford, Clarendon Press.
- Chipman, J. S. (1966) A Survey of the Theory of International Trade: Part 3, The Modern Theory, Econometrica, 34, 18-76.
- Deardorff, A. V., and R. M., Stern, 1997, Measurement of Non Tariff Barriers, OECD Economics Deptment working Paper No. 179, OECD, Paris.
- Dixit, A.K., and Norman, V. (1992), Theory of International Trade. Cambridge: Cambridge University Press.
- Dollar, D. and A. Kraay (2004), Trade, growth and poverty, Economic Journal, 114, F22-F49.
- Edwards, S. (1998), Openness, Productivity and Growth: What Do We Really Know? Economic Journal, 108, 383-398.
- Falvey, R.E. (1994), The Theory of International Trade. In: D.Greenaway, and A. L. Winters (eds). Surveys in International Trade, Blackwell Publishers, Oxford, 1994, pp. 9-43.
- Jones, R.W. and P.J. Neary, (1984), The Positive Theory of International Trade, In R. W. Jones and P. B. Kenen, (eds.) Handbook of International Economics, Vol. 1, Amsterdam,: North Holland.
- Helpman E. and P.R. Krugman (1985), Market Structure and Foreign Trade. The MIT Press, Cambridge, Massachusetts.
- Helpman E. and P.R. Krugman (1987), Trade Policy and Market Structure. The MIT Press, Cambridge, Massachusetts.
- Kemp M. and H. Wan, (1976), An Elementary Proposition Concerning the Formation of Custom Unions, Journal of International Economics, 6: 1, 95-97.
- Krugman, P. (1987), Is Free Trade Passe? Journal of Economic Perspectives, 1, 131-144.

- Krugman, P. (1991), Is Bilateralism Bad? in E. Helpman and A. Razin, (eds.) International Trade and Trade Policy, Cambridge, MA: The MIT Press, 9-23.
- Krugman, P. (1993), Regionalism Versus Multilateralism: Analytical Notes, in J. De Melo and A. Panagariya (eds.), New Dimensions in Regional Integration, Cambridge University Press, 58-84.
- Krugman, P. (1997), The Narrow moving band, the Dutch Disease, and the competitive consequences of Mrs. Thatcher: Notes on trade in the presence of dynamic scale economies. *Journal of Development Economics*, 27, 41-55.
- Kierzkowski, H. (1984), *Monopolistic Competition in International Trade*, Oxford, Clarendon Press.
- Leamer, E.E. (1994). Testing Trade Theory. In: D.Greenaway, and A. L. Winters (eds). *Surveys in International Trade*, Blackwell Publishers, Oxford, 1994, pp. 66-107.
- Laussel, D., and C. Montet (1994). Strategic Trade Policies. In: D.Greenaway, and A.L. Winters (eds). *Surveys in International Trade*, Blackwell Publishers, Oxford, 1994, pp. 177-206.
- Mundell, R.A. (1957), International Trade and Factor mobility, *American Economic Review*, 47, 321-335.
- Panagariya, A. (2000) Preferential Trade Liberalization: The Traditional Theory and New Developments, *Journal of Economic Literature*, 38, 287-331.
- Prusa, T. J. (1996) On the Spread and Impact of Antidumping, NBER Working Paper No. 7404.
- Rodriguez, F. and D. Rodrik (2001) Trade policy and economic growth: a skeptic's guide to the cross-national evidence, In Bernanke, B. K. S. Rogoff (eds.) *Macroeconomics Annual 2000*, 261-324, Cambridge , MA: MIT Press for NBER.
- Sachs, J. and A. Warner (1995), Economic Reform and the Process of Global Integration, *Brooking Papers on Economic Activity*, 1, 1-95.
- Vernon, R. (1966) International Investment and International Trade in the Product Cycle, *Quarterly Journal of Economics*, 80, 190-207.
- World Trade Organization, *Regionalism and the World Trading System*, WTO, 1995.

Other readings (Public Finance)

- Ahmad, E. and N.H. Stern (1991) *The Theory and Practice of Tax Reforms in Developing Countries*. Cambridge University Press.
- Auerbach, A. and M. Feldstein, (eds.) (1985) *Handbook of Public Economics*, North Holland, Elsevier, Amsterdam.
- Bagchi, A. and N. Stern (1994) *Tax Policy and Planning in Developing Countries*. Oxford University Press, Delhi.

- Gramlich, E. (1996) Different Approaches for dealing with Social Security, Journal of Economic Perspectives, 10, Summer, 55-67.
- Newberry, D. and N. H. Stern (1987) The Theory of Taxation in Developing Countries, Oxford University Press, New York.
- Murty, M. N. (1995) Value Added Taxation in a Federation: Commodity Tax reforms in India, Economic and Political Weekly, March 18.
- Murty, M. N. and P. Nayak (1993) Optimal taxation and India; A Review of Theory and Applied Work, in Welfare Economics, Datta, B. (ed.) Oxford University Press, Delhi.
- Poterba, J. (1989) Lifetime Incidence and the Distributional Burden of Excise Taxes, American Economic Review, 79, 325-330.
- Report of the Eleventh Finance Commission, (2000) Government of India
- Report of the Finance Commissions of India (2005) Academic Foundation.
- Report on the Task Force on Direct Taxes (2002) Government of India, Academic Foundation.
- Report on the Task Force on Indirect Taxes (2002) Government of India, Academic Foundation.
- World Bank, (2005), State Fiscal Reforms in India, World Bank, Macmillan India.

Course no. and title:

PPS 161 - Public policy processes and institutions

Number of credits:

4

Number of lectures-tutorial-practicals:

38-18-0

Faculty Name:

Prof. S Sundar

Ms Avantika Singh

Course outline

The goal of the course is for students to gain a fundamental knowledge of the institutions and processes involved in public policy and administration. Commencing with a broad theoretical overview of the basic concepts and theories of public policy, the course shall move on to study the policy making process in India specifically. This would involve a study of the Indian Constitution's basic tenets with regard to policy formulation and implementation; an understanding of the three arms of the state – the judiciary, the executive and the legislature; and culminate in a study of the relationship between the state and civil society. Once the fundamentals of policy processes and institutions have been sketched out, the course would move towards an inter-disciplinary study of the same.

Policy analysts often view governments as unitary actors with coherent sets of objectives, which then choose policies in order to facilitate the attainment of those objectives. Some states are considered "developmental" and others "predatory," for example, and their policies explained accordingly. Or policy choices are attributed to the preferences of a collective group: the Prime Minister and his inner circle, "rent-seekers," or "the technocrats." Either for good or ill, policymaking is thus viewed as the rational selection of means for attaining outcomes. This course is premised on the opinion that policies rarely result from the deliberations of a single entity; rather, they emerge from competitive political processes, in which diverse interests advance competing alternatives, resulting either in the victory of one or a compromise among several. The course, in sum, considers the interests that become engaged in influencing policy and the processes that influence how issues become part of political agendas and how policies are designed, debated, implemented, and sustained.

Evaluation procedure:

- Class discussion: 5%
- Tutorials/assignment: 5%
- Term Paper: 10%
- 2 Minor Tests (15% each): 30%
- 1 Major test (end semester): 50%

Details of course content & allotted time

No.	Topic	Allotted time (hours)		
		Lectures	Tutorials	Practicals
1.	<p>Basic concepts and theories of public policy and policy processes Policy formulation, adoption and implementation. Approaches to policy making – Rational-choice theory; incremental approach; paradigm-shifts; interest group approach</p>	5	2	
2.	<p>Nature of the Indian nation-state Making of the Constitution; Parliament; government and executive; Federal structure; Public administration and other institutions; Inter-relations with the private sector and civil society</p>	5	2	
3.	<p>Assessing Interests, Institutions, Process, and Strategy Introduction to Property rights, rule of law, typology of market-supporting institutions; institutional convergence; institutional form versus institutional function, institutional assessment of the Indian state.</p> <p>Tutorials to consist of case studies referring to contentious policy changes in post-Independence India</p>	5	3	
4.	<p>Institutions and Political Power</p> <p>Political institutions and the extent to which they constrain the room for maneuver of policy reformers; degree to which political institutions can be "engineered?" That is, to what extent can they be created and recreated?</p>	5	3	

No.	Topic	Allotted time (hours)		
		Lectures	Tutorials	Practicals
5.	<p>Policy Change and its agents – Domestic Actors + International Actors. The power of domestic and international actors in determining policy choices; Constraints on their power to determine policy choices</p> <p>Tutorial – Study Aid Dependence and Governance</p>	5	2	
6.	<p>The Policy Process: Decision Making and Implementation</p> <p>The study of policy from a process perspective; principal phases of the policy process; ways in which the process of policy implementation can be considered a political process? The difference between more "implementable" and less "implementable" policies</p> <p>Tutorial – Case study of well-implemented development policy in a sector of your choice – energy, health, education, water and sanitation and so on – to be contrasted and compared with a weaker case of</p>	5	2	
7.	<p>The Politics of Poverty Alleviation</p> <p>Rise of 'poverty alleviation' to international and national prominence; difficulties in promoting and implementing policies that focus on poverty; ways in which a pro-poor policy agenda can be promoted</p> <p>Tutorial – Study, analyze and compare the 'pro-poor policies' of different periods in India. Choice of period is left to the student</p>	3	2	

No.	Topic	Allotted time (hours)		
		Lectures	Tutorials	Practicals
8.	<p>Bureaucratic Actors and Policy Change</p> <p>Processes whereby bureaucrats acquire and maintain power over policy choices; influencing of policy choices; different ways in which bureaucratic career systems can be organized; role of technocrats and interactions with bureaucrats</p> <p>Tutorial - In what ways does the description offered by Graham Allison's classic work on the Cuban Missile Crisis reflect situations you have faced in your professional life?</p>	5	2	
	Total	38	18	

Suggested readings:

- Evans, Peter, *"Beyond "Institutional Monocropping": Institutions, Capabilities, and Deliberative Development,"* November 2001. Revised Jan 2002, http://sociology.berkeley.edu/faculty/evans/Institutional_Monocropping.pdf
- North, Douglass C., *Institutions, Institutional Change, and Economic Performance*, Cambridge University Press, 1990
- Lloyd I. Rudolph and Susanne H. Rudolph, *In Pursuit of Lakshmi: The Political Economy of the Indian State*, University of Chicago Press, 1987.
- Stiglitz, Joseph, "The New Development Economics," in G. M. Meier and J. E. Rauch, *Leading Issues in Economic Development*. New York: Oxford University Press, pp.352-355.
- Munshi, Kaivan and Mark R. Rosenzweig, *"Traditional Institutions Meet the Modern World: Caste, Gender and Schooling Choice in a Globalizing Economy,"* BREAD Working Paper No. 038, July 2003.
- Anne Krueger and Robert Bates, eds, *Political and Economic Interactions in Economic Policy Reform*. Oxford: Basil Blackwell, 1993.
- Anne Krueger (ed.), *Economic Policy Reform and the Indian Economy*, Oxford University Press, 2002.

- Merilee Grindle and John Thomas, *Public Choices and Policy Change: The Political Economy of Reform in Developing Countries*. Baltimore, MD: Johns Hopkins University Press, 1991, pp. 43-69.
- Sylvia Bashevkin, "Interest Groups and Social Movements," in Lawrence LeDuc, Richard Niemi, and Pippa Noris, eds., *Comparing Democracies: Elections and Voting in Global Perspective*. Thousand Oaks, CA: Sage Publications, 1996, pp. 134-159.
- Rajni Kothari, *Politics in India*, Orient Longman, 1995.
- Barbara Stallings, "International Influence on Economic Policy: Debt, Stabilization, and Structural Reform," in Stephan Haggard and Robert Kaufman, eds., *The Politics of Economic Adjustment*. Princeton, N.J.: Princeton University Press, 1992, pp. 41-88.
- Margaret Keck and Kathryn Sikkink, *Activists Beyond Borders: Advocacy Networks in International Politics*. Ithaca, NY: Cornell University Press, 1998, Chapters 1 and 16, pp. 1-38, 199-217.
- Deborah Bräutigam, *Aid Dependence and Governance*. Stockholm: Almqvist and Wiksell International, 2000, Executive Summary, pp. 1-5.
- Graham Allison, *Essence of Decision: Explaining the Cuban Missile Crisis*. Boston: Little, Brown, 1999, pp. 294-313, 323-324.
- Jonathan Lynn and Antony Jay, eds., *The Complete Yes Minister: The Diaries of a Cabinet Minister by the Right Hon. James Hacker MP*. New York: Harper and Row, 1981, pp. 5-29, 55-77.
- Merilee Grindle and John Thomas, *Public Choices and Policy Change: The Political Economy of Reform in Developing Countries*. Baltimore, MD: Johns Hopkins University Press, 1991
- James P. Pinkerton, "Bureaucrat," in *What Comes Next: The End of Big Government and the New Paradigm Ahead*, New York, Hyperion, 1995, pp. 51 – 67.
- Robert O. Keohane and Joseph S. Nye, Jr. "Introduction" to *Governance in a Globalizing World*, Joseph S. Nye, Jr. and John D. Donahue, editors, Brookings, 2000
- Corbridge, S and Harris, J, *Reinventing India : Liberalization, Hindu Nationalism and Popular Democracy* Cambridge University Press, 2000
- David E. Ludden (ed.), *Making India Hindu: Religion, Community, & the Politics of Democracy in India*, Cambridge University Press, 1999.
- Schedler, Diamond, and Plattner, eds., *The Self Restraining State: Power and Accountability in New Democracies*, 1998.
- Partha Chatterjee (ed.), *State and Politics in India*, Oxford University Press, 1999

- Deepa Narayan, Robert Chambers, Meera K. Shah, Patti Petesch, *Voices of the Poor: Crying out for Change*. New York: Oxford University Press, 2000, pp. 133-150.

- Mick Moore and James Putzel, "Thinking Strategically about Politics and Poverty," *IDS Working Paper No. 101*. Brighton, U.K.: Institute of Development Studies, 1999.

Course no. and title:

PPS 163 - Challenges for Sustainable Development and Policy-Making

Number of credits:

4

Number of lectures-tutorial-practicals:

46-0-10

Faculty Name:

Dr Avanish Kumar

Dr Vishal Narain

Course Outline:

The course seeks to build an inter-disciplinary perspective on understanding sustainable development concerns and challenges in policy-making. This course familiarizes participants with current debates and perspectives in analyzing constraints and opportunities for sustainable development. Participants are exposed to the complex relationships between social, economic and environmental processes.

Evaluation Procedure:

- Assignment and Presentation: 20%
- Minor Tests: 20% x 2 = 40%
- Final Exam: 40%

Details of course content & allotted time

No.		Allotted time (hours)		
		Lecture	Tutorial	Practicals
A	Introduction to Sustainable Development	6		1
1	Definitions & Principles of Sustainable Development –AK	2		
	Definition and concept of Sustainable Development. The Rio Declaration, Ethical Principles: environmental, the rights of Nature, social justice & entitlement. Dimensions of sustainable development (social, economic and environmental)			
2	Changing Perspective & Debate in Sustainable Development –AK	4		1
	Need for Sustainable Development, Evolution of Sustainable Development: Eco-Development, World Conservation Strategy and responses, The Brundtland Report, Agenda 21 and response (Capacity 21), WSSD and responses			
B	Sustainable Development Challenges in India- AK	24		4
3	Overview of Policy Shifts and implications; Poverty Alleviation Programmes (CMP), target and progress. Millennium Development Goals: Challenges and Constraints.	6		1
4	Natural Resource Management and Sustainable Livelihoods –VN	6		1

No.		Allotted time (hours)		
		Lecture	Tutorial	Practicals
	Concept of institutions, rights and entitlements (perspectives on legal pluralism); property right regimes; management of common property resources; links between common property, poverty and livelihoods; implications of resource degradation.			
5	Governance and Development - VN	6		1
	Changing paradigms in governance. Decentralisation and changing role of the state; role of civil society and NGOs. 73 rd and 74 th Amendments to the Constitution of India. Influence of multilateral and bilateral agenda on governance.			
6	Gender and Development –AK	6		1
	Changing Perspectives in Gender and Development, Gender and Cooperatives, Girls' Education, Gender and Literacy, Violence against Women, Gender and Natural Resource Management, Women and Panchayati Raj, Gender and Entrepreneurship Development, gender and access to health care, Gender issues in anti-poverty programmes.			
C	Framework for Sustainable Development Analysis -AK	4		3
7	Measuring social, economic and environmental welfare, Ecological, Economic and Social indicators, Debate of Data/information analysis, Some lessons from India and abroad.	4		3
D	Making Development Sustainable -AK	12		2
8	Changing role and influence of aid (Government, multilateral, and bilateral agencies) in development.	2		
9	Building Coalition at Grassroots for Poverty Reduction			
	Decentralisation, Entitlement and Empowerment	2		
	Community partnership and Mobilisation	2		
	Civil Society Organization and Collective Action	2		
	Self-Help Group, Livelihoods & Leadership	2		
	Information and Communication Technology in Development	2		
	Sub-Total	46		10
	Total	56		

Suggested Readings:

- Moffatt, I. *Sustainable Development : Principles, Analysis and Policies*. The Parthenon Publishing Group.1996
- Hardi Peter and Zdan Terrence. *Assessing Sustainable Development: Principles in Practice*. International Institute fro Sustainable Development.1997
- Islam, Rizwanul. *Strategies for Alleviating Poverty in Rural Asia*. International Labour Organisation Asian Employment Programme (ARTEP), Bankok 1985
- Chelliah, Raja. J and Sudarshan. R. *Income Poverty and Beyond : Human Development in India*. Social Science Press, New Delhi 1999
- Jean Dreze and Amartya Sen, eds. *Indian Development: Selected Regional Perspectives*. Oxford University Press, New York 1996
- Jean Dreze and Amartya Sen. *Hunger and Public Action*. Reprint. Oxford University Press, Oxford 1998 (reprint).
- Sen, Amartya. *Poverty and Famines: An Essay on Entitlement and Deprivation*. Oxford University Press, New Delhi 1999
- Eswaran, Mukesh and Kotwal, Ashok., *Why Poverty Persists in India*, Oxford University Press, 1994.
- Howes, Stephen, Lahri Ashok. K, Stern Nicholas. *State Level Reforms in India Towards More Effective Government*. Macmillan India LTD 2003
- Hardin, Russel. *Collective Action: A book from Resources fro the Future*. The Johns Hopkins University Press, Baltimore 1982.
- Reddy, V. Ratna. *Environment and Sustainable Agricultural Development: Conflicts and Contradictions*, Economic and Political Weekly, Vol.15, No.12. 1995
- Reddy, V Ratna, , *Environmental Movements in India: Some Reflections Discussion Paper 64*, Heidelberg (URL: <http://www.rzuser.uni-heidelberg.de/~to8>) 1997
- Groves Leslie and Hinton, Rachel. *Inclusive Aid: Changing power and relationships in international development*. EARTHSCAN, London 2004
- Scoones, I. 1998. *Sustainable Rural Livelihoods. A framework for Analysis*. IDS Working Paper No. 72.
- Bac, M. 1998. *Property Rights Regimes and the management of resources*. Natural Resources Forum. Vol. 22(4): 263-269
- Folke, C and Berkes, F. 1995. *Mechanisms that link property rights to Ecological Systems*. In Susan Hanna and Mohan Munasinghe eds. *Property Rights and the Environment*. Social

and Ecological Issues. The Beijer Institute of Ecological Economics and the World Bank. Environmentally Sustainable Development Series.

- Jodha, N.S. 1986. Common Property Resources and Rural Poverty in dry regions of India. *Economic and Political Weekly* 21 (27): 1169-81
- Jodha, N.S. 1985. *Population Growth and the Decline of Common Property resources in Rajasthan*. *Population & Development Review* 11 (2)
- Dasgupta, P. 1992. *Population, Resources and Poverty*. *Ambio* 21 (1): 95-101
- Spiertz, HLJ. 2000. *Water Rights and Legal Pluralism: Some basics of a legal anthropological approach*. In B.R. Bruns and R.S.Meinzen-Dick eds. *Negotiating water rights*. Vistaar Publications.
- Students are encouraged to refer through issues of international publications such as the World Development Report, the Human Development Report, and Global Environment Outlook.

Course no. and title:
Number of credits:
Number of lectures-tutorial-practicals:
Faculty Name:

PPS 173 - Research Methods
4
42-13-2
Dr Avanish Kumar
Dr Surender Kumar

Course outline:

The course will be offered in two modules: Qualitative Techniques and Quantitative Techniques. The goal of the module on quantitative techniques is to make the students understand basic econometric theory and be able to analyze economic data with some important econometric methods. In the process to achieve the goal, topics in linear regression estimations, inferences and hypothesis testing, basic assumption violations, limited dependent variable and panel data approaches will be discussed in order. Classes are mainly composed of lectures, supplemented by statistical package applications (during tutorials).

Evaluation Procedure:

- Assignments and presentations: 30%
- 2 Minor tests: 30% (15% each)
- Major test (end semester): 40%

Details of course content & allotted time

No	Topic	Allotted time (hours)		
		Lectures	Tutorials	Practicals
1.	Introduction to Research Methodology (Relevance and Ambiguity)	1		
2.	Types of Qualitative Research	2	1	
3.	Elements of research design, the choice of a research problem	1		
4.	Methods of Sampling (Random, Stratified Random)	1		
5.	Methods of Data Collection: Data collection techniques and methods (Questionnaire, Interview Schedule Participant Observation, Focus Group Discussion)	2		
6.	Participatory Rural Appraisal, (Social & resource mapping & ranking, resource planning, Triangulation)	2		
7.	Developing Research Design, Logical Framework Analysis	2		1
8.	Developing Project Proposals	1		1
.	Sub Total (Qualitative Methods)	12	1	2
9.	Introduction • Sample distributions • Estimators and their properties	3	1	
10.	Simple regression analysis • Assumptions in simple linear regression estimation • Estimators for linear regression estimation, and their properties	2	1	

No	Topic	Allotted time (hours)		
		Lectures	Tutorials	Practicals
11.	Statistical inferences and hypothesis testing for simple regression analysis • Interpretation of estimated results • hypothesis testing: confidence-interval approach, test-of-significance approach	2	1	
12.	Introduction to Matrix Algebra. (i) Basic definitions and operations. (ii) The matrix approach to OLS.	2	1	
13.	Multiple regression analysis, statistical inferences, and hypothesis testing • Estimation of multiple regression • Statistical inferences and hypothesis testing	2	1	
14.	Relaxing the assumptions of the classical model • Multicollinearity: definition, consequences, and remedies • Heteroskedasticity: definition, consequences, and remedies	2	1	
15.	Relaxing the assumptions of the classical model • Autocorrelation: definition, consequences, and remedies • Model specification errors • Omitting relevant variables and including irrelevant variables • Measurement errors • Model selection criteria	4	1	
16.	Maximum Likelihood Estimation	1		
17.	Univariate Time Series Modeling AR, MA and ARMA Processes Testing for stationarity Identification, Estimation and Testing of ARIMA Models Forecasting Seasonality	4	2	
18.	Limited dependent variable models: the Logit model and the Probit Model	2	1	
19.	Simultaneous equation models (i) Endogeneity (ii) Properties of OLS estimators (iii) Identification (iv) Hausman specification test (v) ILS and 2SLS	3	1	
20.	Panel data models: fixed effect models and random effect models	3	1	
	Sub-Total (Quantitative Techniques)	30	12	

Basic textbooks:

- Dumont, J.P, *The Headman and I : Ambiguity and Ambivalence in the Fieldworking Experience*, University of Texas Press, Austin and London, 1978
- Vogt, W.A., *Dictionary of Statistics and Methodology: A Non-Technical Guide for the Social Sciences*, 2nd Edn., Sage, CA, 1998.
- Jennifer Rietbergen-McCracken and Hussein Abaza, *Environmental Valuation* Earthscan publications Ltd, London, 2000.
- Singleton.R.A.Jr, Straits B. C. *Approaches to Social Research*, Oxford University Press, New York. 1999.

Required

- Greene, William H. *Econometric Analysis*, 5th ed., Upper Sadle River, NJ: Prentice-Hall, 2003.
- Johnston, Jack and John DiNardo, *Econometric Methods*, 4th ed., New York: McGraw-Hill, 1997.

Other suggested readings:

- Foddy, W., *Constructing Questions for Interviews and Questionnaires*, Cambridge University Press, Cambridge, 1994.
- Scarbrough E., E. Tanenbaum. *Research Strategies in the Social Sciences*. Oxford University Press. Oxford. 1998
- Srivastava, V.K., *Methodology and Fieldwork*. Oxford University Press. Oxford. 2004
- Williams H. Greene, *Econometric Analysis*, 5th edition, New Jersey: Prentice Hall, 2003

Basic textbooks

- Johnson, J.P. *The Human and I: Ambiguity and Ambivalence in the Fieldworking Experience*, University of Texas Press, Austin and London, 1972
- Kay, W.A. *Anthropology of Statistics and Methodology: A Non-Technical Guide for the Social Sciences*, Sage, CA, 1987
- Korten, Kathleen M. *When Did We Turn So Inward?*, Beacon Press, Boston, 1980
- Korten, Kathleen M. *Unsettled Ground: Women, Ecology, and Social Justice*, Oxford University Press, New York, 1987

Reference

- Johnson, J.P. *Anthropology of Statistics and Methodology: A Non-Technical Guide for the Social Sciences*, Sage, CA, 1987
- Johnson, J.P. and Kathleen M. Korten. *Unsettled Ground: Women, Ecology, and Social Justice*, Oxford University Press, New York, 1987

Other suggested readings

- Johnson, J.P. *Anthropology of Statistics and Methodology: A Non-Technical Guide for the Social Sciences*, Sage, CA, 1987
- Johnson, J.P. and Kathleen M. Korten. *Unsettled Ground: Women, Ecology, and Social Justice*, Oxford University Press, New York, 1987
- Johnson, J.P. *The Human and I: Ambiguity and Ambivalence in the Fieldworking Experience*, University of Texas Press, Austin and London, 1972
- Johnson, J.P. *Anthropology of Statistics and Methodology: A Non-Technical Guide for the Social Sciences*, Sage, CA, 1987

Item No. 5 To consider and approve restructuring and renaming of the M.A. (Regulatory Studies) programme to M.B.A. (Infrastructure Regulation)

The M.A. (Regulatory Studies) programme encompasses a number of courses which would have commonality with an M.B.A. programme. Keeping in mind the marketability of an M.B.A. degree, a comprehensive revision of the programme has been carried out. It is proposed to restructure this programme and call it an M.B.A. (Infrastructure Regulation) Programme.

Similar programmes at other institutions have been studied in the process of restructuring the proposed programme. A detailed outline of the proposed programme and a comparative study of similar programmes is attached as Annexure 5.1.

The revised structure was sent to Prof. S L Rao and Prof. G P Shukla of Duke University. Their comments have been incorporated. The Board of Studies of the Department of Policy Studies has approved the restructuring and renaming of the programme.

The Academic Council is requested to consider and approve the restructuring and renaming of the M.A. (Regulatory Studies) programme to M.B.A. (Infrastructure Regulation).

is available and appears satisfactory and consistent with the M.A. (Regulation, Student Programs to M.A. (1968-1969 Session))

The M.A. (Regulation, Student Programs to M.A. (1968-1969 Session)) is available and appears satisfactory and consistent with the M.A. (Regulation, Student Programs to M.A. (1968-1969 Session))

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Existing structure: M.A. (Regulatory Studies)

1st Semester

- RGS 111 – Basic statistics
- RGS 121 – Foundations of Finance
- RGS 141 – Principles of Economics
- RGS 143 – Introduction to Economic infrastructure
- RGS 145 – Legal framework of infrastructure industries
- RGS 147 – Economics of Regulation: Theory and Evidence

2nd Semester

- RGS 122 – Financing of infrastructure projects
- RGS 142 – Technical and economic aspects of infrastructure
- RGS 144 – Competition theory and policy
- RGS 152 – Regulatory law
- RGS 172 – Quantitative techniques for regulatory practice

3rd and 4th Semester: Major project

Examining student: M.A. (Library Studies)

1. The word

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Proposed restructuring

Core Courses: A Comparison

Courses: Broad Area	IIM Ahmedabad	IIM Bangalore	TERI – SAS
Finance and Accounts	<ol style="list-style-type: none"> 1. Managerial Accounting 2. Finance 	<ol style="list-style-type: none"> 1. Financial Accounting 2. Management Accounting 3. Corporate Finance 	<ol style="list-style-type: none"> 1. Finance and Accounts 2. Advanced concepts in Finance
Economics	<ol style="list-style-type: none"> 1. Economic Analysis 2. Economic Environment and Policy 	<ol style="list-style-type: none"> 1. Managerial Economics 2. Macroeconomics 3. Competition and Strategy 	<ol style="list-style-type: none"> 1. Principles of Economics 2. Economics of Regulation: Theory and Evidence 3. Competition Theory and Policy 4. Technical and Economic Aspects of Regulation
Law	<ol style="list-style-type: none"> 1. Legal Aspects of Business 		<ol style="list-style-type: none"> 1. Legal Framework of Infrastructure Industries 2. Regulatory Law
Organizational Behavior	<ol style="list-style-type: none"> 1. Organizational Behavior 	<ol style="list-style-type: none"> 1. Managing People and Performance in Organizations 	<ol style="list-style-type: none"> 1. Management Functions and Organizational Behavior
Communication	<ol style="list-style-type: none"> 1. Written Analysis and Communication 	<ol style="list-style-type: none"> 1. Managerial Communication 	<ol style="list-style-type: none"> 1. Business Communication
Information	<ol style="list-style-type: none"> 1. Introduction 		<ol style="list-style-type: none"> 1. Regulatory

Systems	2. Management Information Systems		Information Management System
General Management	1. Strategic Formulation and Implementation	1. Managing Organizations	
Quantitative Methods	1. Quantitative Methods	1. Quantitative Methods	1. Basic Statistics 2. Quantitative Techniques for Regulatory Practice
Marketing	1. Marketing	1. Marketing Management	
Personnel and Industrial Relations	1. Human Resources Management		1. Managing Negotiations
Operations Management		1. Operations Management	
Other Areas	1. Indian Social and Political environment	1. Business, Government and Society	1. Politics of Infrastructure Regulation 2. International Experience in Infrastructure Reforms 3. Introduction to economic Infrastructure

IIM Bangalore

Courses and Credits

First Year

Term 1	Term 2	Term 3
Financial Accounting (3)	Marketing Management (3)	Competition & Strategy (3)
Quantitative Methods-I (3)	Corporate Finance (3)	Macroeconomics (3)
Managerial Economics (3)	Operations Management (3)	Management Accounting (2)
Managing Organisations (3)	Quantitative Methods-II (3)	Core Elective 1 (3)
Business, Government and Society (3)	Managing People and Performance in Organisations (3)	Core Elective 2 (3)
Managerial Communication (2)	Managerial Communication (1)	Core Elective 3 (3)
17 credits	16 credits	17 credits

The Institute offers a wide variety of electives. Students must take at least 45 credits in the second year to be eligible for graduation. Most electives that are offered are of 3 credits each. Some of the electives that have been offered in the last few years are:

Economics & Social Sciences

Business Forecasting, Technology, Infrastructure and Market Reforms, Econometrics, Current Economic Scenario, Political Economy

Finance & Control Area

Financial Statement Analysis, Financial Derivatives, International Finance, Introduction to Capital Market Theory, Integrated Treasury and Risk Management, Investments, Management of Banks and Financial Institutions, Mergers and Acquisitions, New Enterprise Financing, General Insurance, International Banking, Fixed Income Securities, Social Entrepreneurship, Management Control Systems, Banking, Financial Market and Systems, Advance Corporate Finance, Corporate Tax Management, Indirect Taxation, General Insurance, Insurance and Pension Funds

Marketing

Research for Marketing Decisions, Brand Management, Product Management, Advertising Management, Consumer Behaviour, Services Marketing, Business Data Mining and Decision Making, Rural Marketing, Retailing Management, Competitive Marketing Strategy, Business Marketing Strategy, Sales and Distribution Management, International Business Negotiation Skills

Production & Operations Management

Supply Chain Management, Logistics Management, Project management, ERP, MRP II, Operations Strategy, Services Management, Managing E-business

Quantitative Methods and Information Systems

Spreadsheet Models for Business Decisions Problems, Data Base Management Systems, Software Project Management, Actuarial Mathematics and Statistics, Information Systems Development, Simulation for

Management, Game Theory, Marketing of Information Technology, Patterns of Problem Solving

Corporate Strategy and Policy

Advanced Corporate Strategy, Technology Competition and Business, Managing New Ventures, Strategy and Environment, Multinational Management, New Product Development

Organisation Behaviour and HRM

Tracking Creative Boundaries, High Performing Organisations, Inter Cultural Management, Strategic HRM

IIM Ahmedabad

Compulsory Courses

Term – I

1. Introduction to Computers
2. Written Analysis and Communication
3. Economic Analysis
4. Managerial Accounting
5. Organization Behaviour
6. Human Resource Management
7. Quantitative Methods

Term - II

1. Written Analysis and Communication
2. Economic Environment and Policy
3. Managerial Accounting
4. Finance
5. Marketing
6. Organizational Behavior
7. Quantitative Methods

Term – III

1. Strategic Formulation and Implementation
2. Management Information Systems
3. Written Analysis and Communication
4. Economic Environment and Policy
5. Finance
6. Marketing
7. Organizational Behaviour
8. Quantitative Methods
9. Indian Social and Political Environment

Terms – IV, V and VI

1. Strategic Formulation and Implementation (Term IV only)
2. Legal Aspects of Business (Terms V and VI)

Elective Courses offered for the Year 2004 – 2005

Courses
Mergers, Acquisition & Corporate Restructuring
Core Competency, Capability & Corporate Strategy
Leadership: Vision, Managing & Reality
Computers & Information Systems Group
Business Data Networks
Internet Marketing & Electronic Commerce
System Analysis & Simulation
ERP Systems Technology Planning & Implementation
Planning & Implementing IT Strategy
Centre of Managing Agriculture
Shodh Yatra
Communication
Business French
Managing Oral Communications
Business German
Business Spanish
Business Japanese
Managing Across Cultures
Grooming & Business Etiquette
Interview Module
Economics
Multinationals & International Economy
Business Contracts & Property Rights

Strategic Management of Intellectual Property Rights
Trade, Finance & Development: Global Impacts on Business Decisions
Finance & Accounting
Mergers, Acquisition & Corporate Restructuring
Financial Report Analysis & Valuation
Futures, Options & Risk Management
Investment Portfolio & Management
Infrastructure Financing & Regulations
Managing Financial Institutions
International Financial Management
Securities Regulations
Stochastic Calculus in Finance
IMG
Corporate Leadership & International Growth
Corporate Governance
Marketing
Logistics Management
Retail Management
Brand Management
Consumer Based Business Strategies
Internet Marketing & Electronic Commerce
Research Methodology & Data Analysis for Making Decisions
Seminar on Sales & Distribution Management
Advertising Management
Sales Promotion Management
Strategic Marketing
Organizational Behaviour
Laboratory in Entrepreneurial Motivation
Careers, Roles & Identity
Explorations in Roles & Identity
High Performance Leadership & Resilience
Building Teams
Business Research Methods

Personnel & Industrial Relations
Managing Negotiations
Production & Quantitative Methods
Operations Management
Logistics Management
Modelling for Management Decision Making
Statistical Methods for Data Analysis
Manufacturing, Marketing & Supply Chain Coordination
Public Systems Group
Infrastructure Development & Financing
Outside Area
New Venture Planning
Understanding Contemporary India

TERI - SAS

Semester –1

1. Principles of Economics
2. Finance and Accounts
3. Legal Framework of Infrastructure Industries
4. Quantitative Techniques for Regulatory Practice – 1
5. Introduction to Economic Infrastructure
6. Economics of Regulation

Semester – 2

1. Competition: Theory and Policy
2. Regulatory Law
3. Quantitative Techniques for Regulatory Practice – II
4. Advanced Concepts in Finance for Regulators
5. Technical and Economic Aspects of Regulation – Elective (Power, Telecommunications, Transportation and Urban Water Supply)
6. Regulatory Information Management Systems

Semester – 3

1. Management Functions and Organization Behavior
2. Business Communication
3. International Experience in Infrastructure Reforms (In the area of Specialization)
4. Politics of Infrastructure Regulation
5. Managing Negotiations
6. Minor Project

Semester – 4

Major Project in the area of specialization