

M. Tech. – II Semester - III

Subject Name: Regional Planning (Studio)

Subject Code: MTTC14301

Type of course: PE - V

Prerequisite: Understanding on economics, industrialization, urbanization, concepts of migration and transportation planning

Rationale: Basic Understanding about improving the quality of cities and its various regions. Professional Planners assist communities, companies & governments to integrate the environmental, economic and social aspects of development from small sites up to whole regions.

Teaching and Examination Scheme:

TEACHING SCHEME				Theory Marks			Practical Marks		Total
L	T	P	C	TEE	CA1	CA2	TEP	CA3	150
3	0	2	4	60	25	15	30	20	

CA1: Continuous Assessment (assignments/projects/open book tests/closed book tests) **CA2:** Sincerity in attending classes/class tests/ timely submissions of assignments/self-learning attitude/solving advanced problems **TEE:** Term End Examination **TEP:** Term End Practical Exam (Performance and viva on practical skills learned in course) **CA3:** Regular submission of Lab work/Quality of work submitted/Active participation in lab sessions/viva on practical skills learned in course

Content:

Sr. No.	Topics	Teaching Hrs.	Module Weightage
1	Concept of region, scope of regional plan Concept of Region, Types of Region, Classification of Regions, Delineation of Regions, Evolution of Regional plan and National Development, Scope, Objectives, Institutional framework for regional planning.	8	15%
2	Techniques of regional analysis Introduction to regional analysis, regional linear programming, regional input-output analysis, factor analysis, industrial location theory, spatial diffusion theory, gravity analysis	10	20%
3	Growth models Concept of growth pole and growth foci, core-periphery concept, role of settlements in regional development, urbanization and regional development, central place theory, Christaller Lohsch	10	20%
4	Patterns of regional development Role of resources in regional development, utilization of resources and environmental problems, sectoral and regional development and imbalances, multi level planning, special area development plans. Balanced developed development national and state level planning mechanism.	7	15%

5	Special Case Regional planning in India, planning regions of India, district and block development plans, case studies of regional development planning in other countries. Special region plans. Students shall study such plans and prepare a comprehensive study review report individually and present the same for internal evaluation along with assignment	12	30%
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Suggested Specification table with Marks (Theory/Practical):

<p align="center">% Distribution of Marks</p>					
R Level	U Level	A Level	N Level	E Level	C Level
20%	20%	15%	15%	15%	15%

Legends: R: Remembrance, **U:** Understanding; **A:** Application, **N:** Analyze, **E:** Evaluate **C:** Create and above Levels (**Revised Bloom's Taxonomy**)

Note: This specification table shall be treated as a general guideline for students and teachers. The actual distribution of marks in the question paper may vary slightly from above table.

Reference Text Books:

Sr. No.	Title of book /article	Author(s)	Publisher and details like ISBN	Year of publication	Publication Edition
1	Regional Planning in India	Chand Mahesh and U. K. Puri	Allied Publishers, New Delhi (ISBN: 978-8170230588)	1983	1 st
2	Introduction to regional planning	Glassion John	Hutchinson and MIT Press, Cambridge (ISBN: 978-0091167714)	1996	2 nd
3	Regional Planning and Development in India	R.P. Mishra	Vikas, Bombay (ISBN: 978-0706903232)	1972	1 st
4	Regional Development and Planning in India	Dr. V. Nath	Concept publishing Company, New Delhi (ISBN: 978-81-8069-377-9)	2009	1 st
5	Urban and regional development in India, Volume I & II	Baleshwar Thakur	Concept publishing Company, New Delhi (ISBN: 81-8069-197-7 Vol:1 and ISBN: 81-8069-198-5 Vol:2)	2005	1 st

6	Methods of Regional Analysis - An introduction to Regional Science	Insard Walter	MIT Press, Cambridge (ISBN: 978-0262090032)	1960	1 st
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Course Outcome:

Sr. No.	CO Statement After learning this subject, students will be able to	Marks % weightage
CO-1	Students understood concept of regional planning & development. (R,U – Cognitive Level)	10%
CO-2	To know the requirements of resources for regional development. (R,U,A – Cognitive Level)	20%
CO-3	Understanding various theories for balanced regional development. (A,N,E - Cognitive Level)	20%
CO-4	Study of growth theories with case-studies. (U,A,N - Cognitive Level)	20%
CO-5	Develop Special region planning as per planning norms. (U,A,N,E - Cognitive Level)	30%

LIST OF PRACTICALS: (Minimum ----- performed.)

1. Prepare case study on the basis of regional plan and analyze the same.
2. Graduate reports on different regional analysis and planning techniques and various growth models in regional planning are to be prepared in consultation with the faculty advisor and to be submitted in A4 paper size. The report is to be presented on a scheduled date (individual report)

List of Open Source/learning website:

- <http://www.dspmuranchi.ac.in/pdf/Blog/Regional-Planning-All Part-Conc.pdf>
 - Concept of region
- https://www.researchgate.net/publication/264813930_An_approach_to_regional_planning_in_India
 - An approach to regional planning in India
- https://www.bdu.ac.in/cde/SLM/SLM_FULL/M.Sc%20Geogaraphy/Final/II%20Year/Regional%20planning.docx
 - Regional planning concept and classification
- www.mmrda.maharashtra.gov.in
 - Mumbai Metropolitan Region Development Authority
- www.moud.gov.in
 - Ministry of Urban Development
- www.gidb.org
 - Gujarat Infrastructure Development Board