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UNIVERSITY OF MYSORE



Estd. 1916

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No.AC.2(S)/401/13-14

Dated: 24-05-2014

NOTIFICATION

Sub: Modifications in the Syllabus of M. Tech in Urban and Regional Planning:

- Ref:** 1. Proceedings of Faculty of Science & Technology Meeting held on 14-02-2014.
2. Proceedings of the Meeting of Academic Council held on 29-03-2014.

The Board of Studies in **Urban and Regional planning (PG)** at its meeting held on 25-11-2013 has resolved to recommend modifications in the Syllabus of M. Tech in Urban and Regional Planning from the academic year 2014-15

The Faculty of Science and Technology and the Academic Council at their meetings held on 14-02-2014 and 29-03-2014 respectively approved the above proposals and the same is hereby notified.

The copy of the Modify in the Syllabus of M. Tech in Urban and Regional Planning is annexed herewith.

J. S. Sampath
REGISTRAR. 24/5/2014
UNIVERSITY OF MYSORE

To

1. The Registrar (Evaluation), University of Mysore, Mysore.
2. The Chairperson, BOS/DOS in Urban and Regional planning , MGM
3. The Dean, Faculty of Science & Technology, DOS in Zoology, MGM.
4. The Principals of the Affiliated Science Colleges.
5. The Deputy/Assistant Registrar (Evaluation), University of Mysore, Mysore.
6. Sri Narasimha Murthy, Statistician, E.B. UOM, Mysore.
7. The Supdt AC.1 & AC.2, A.B., Academic Section / PMEB, UOM. Mysore.
8. The P.A. to the Vice-Chancellor/Registrar/Registrar(Evaluation)UOM, Mysore.
9. The Case Worker, AC.7, Academic Section, University of Mysore, Mysore.
10. The Section Guard File(Supdt.AC.2), A.B., A.C., UOM.
11. The Schedule File.

of Studies in Urban and Regional Planning held on 25th November 2013 at 4.30 PM at IDS, Manasagangothri, Mysore-570 006.

Members Present

1. Prof. Krishne Gowda – Chairman
2. Dr. B. Shankar - Member
3. Prof. Mamata P. Raj - Member
4. Prof. D. S. Leelavathi - Member
5. Dr. B. Mahendra - Member

Members Absent

1. Prof. N. Shridharan
2. Prof. S.P. Sekar

The Chairman Welcomed the members present in Meeting of the Board of Studies in Urban and Regional Planning and the following agenda was taken up for discussion

Agenda 1: The Pattern of Scheme of Continuous Assessment for M. Tech in Urban and Regional Planning CBCS Scheme:

The chairman explained that the existing pattern of Continuous Assessment for M. Tech in Urban and Regional Planning for C1+C2 and C3 is 50:50 for the students who joined academic year 2012-13. However, the University has suggested to adopt 70:30 for C1+C2: C3 Assessment. The subject was discussed in the Board of

meeting and decided to follow the existing pattern of assessment in the ratio of 50:50 (C1+C2: C3) for M. Tech in Urban and Regional Planning for the academic year 2013-14 onwards.

Agenda 2: The Scheme of Examination for M. Tech in Urban and Regional Planning CBCS Scheme:

The subject of Scheme of Examination for M. Tech in Urban and Regional Planning was discussed and it was decided that the Paper Setting for Theory Papers by the Internal Examiners and Evaluation of Answer scripts by the External examiners and Studio exams are to be conducted the Academic Year 2013-14 by both internal and external examiners for Semester III and IV semester students who have joined during the academic year 2012-13. It was also decided that the Scheme of Examination for the academic year 2013-14 for C3 Assessment in theory examinations including paper setting and valuation will be done by the internal examiners only. The Studio (practical) examinations will be conducted by both internal and external examiners. The external examiners are involved only when there is no internal examiner in the theory papers are available and the external examiners may be invited by the Chairman of Board of Examination.

Agenda 3: The Panel of Examiners for M. Tech in Urban and Regional Planning for the academic year 2014-15:

The list of panel of examiners was placed and the Board approved the Panel of Examiners for 2014-15 and is enclosed.

Agenda 4: Commencement of Bachelor of Planning Course from the Academic year 2014-15 in the University of Mysore, Mysore:

The subject of Commencing the **Bachelor of Planning** (B. Plan) Course was discussed at length and the Board decided to start the B. Planning Course in the University of Mysore along with the M. Tech in Urban and Regional Planning Course during the academic year 2014-15 if the University permits.

Agenda 5: Modifications in the Syllabus of M. Tech in Urban and Regional Planning:

The Board of Studies discussed and approved the modifications in the Syllabus of M. Tech in Urban and Regional Planning is appended.

Agenda 6 Any other Subject with the Permission of the Chair.

No.

Chairman
BoS in Urban and Regional Planning

PANEL OF EXAMINERS FOR M.TECH IN URBAN AND REGIONAL PLANNING 2014-15

Internal Examiners	External Examiners
1. Prof. Krishne Gowda Professor of Urban and Regional Planning Institute of Development Studies, Manasagangothri, Mysore 570 006	1. Prof. S.P. Sekar Professor of Planning, Department of Architecture and Planning Anna University, Chennai
2. Dr. B. Shankar Associate Professor in Urban and Regional Planning Institute of Development Studies, Manasagangothri, Mysore 570 006	2. Prof. Mamatha P. Raj Professor of Architecture, Department of Architecture, B.M.S College of Engineering Bull Temple Road, Bangalore
3. Dr. H.S. Kumara Assistant Professor in Urban and Regional Planning Institute of Development Studies, Manasagangothri, Mysore 570 006	3. Prof. Chidambara Swamy Professor and Head, Department of Architecture Adhiyamaan College of Engineering Hosur
	4. Prof. M. N. Chandrashekar Professor and Dean, S.J.B. School of Architecture and Planning BGS Health and Education Society

	Uttarahalli Road, Kengeri Bangalore-560 060
	5. Dr. B. Mahendra Additional Director of Town Planning Government of Karnataka BMICP, M.S. Buildings, Bangalore -1
	6. Shri S.T. Puttaraju Chief Town Planning Department of Town and Country Organisation Government of Goa, Goa
	7. Dr. Shobha M.N. Associate Professor of Architecture, Department of Architecture, B.M.S College of Engineering, Bull Temple Road, Bangalore – 560 0019

(Krishne Gowda)

Chairman, BoS in Urban & Regional Planning

Proposed Modifications of Syllabus - M. Tech in Urban and Regional Planning

Existing Syllabus of M.Tech URP	Proposed Modification of Syllabus of M.Tech URP
<p>I Semester</p> <p>MTURP.1.1.HUMAN SETTLEMENTS; PLANNING THOUGHTS AND PHILOSOPHY</p> <p><u>Lecture</u> Early human settlements – their evolution, form and structure. Changing pattern and form of human settlements - Socio-cultural, political, economic, physical and technological determinants. River Valley civilizations – Nile, Indus, Tigris and Euphrates - Historic cities and city planning principles. Greeks and Roman Civilization – their city planning principles. City Planning during Renaissance and pre-industrial periods. Impact of industrial revolution on city planning. Planning philosophy and thoughts by Patrick Geddes, Le Corbusier and Ebenezer Howard. Danial Burnham’s city beautiful and its movements.</p> <p><u>Tutorial</u> Study of New Towns - New Delhi, Chandigarh , Brasilia and Canberra. Concept of New Age Cities and Cyber Cities and Cyber City Design.</p>	<p>MTURP.1.1.HUMAN SETTLEMENTS; PLANNING THOUGHTS AND PHILOSOPHY</p> <p><u>Lecture</u> Early human settlements – their evolution, form and structure. Changing pattern and form of human settlements - Socio-cultural, political, economic, physical and technological determinants. River Valley civilizations – Nile, Indus, Tigris and Euphrates - Historic cities and city planning principles. Greeks and Roman Civilization – their city planning principles. Medieval Towns in Europe City Planning during Renaissance and pre-industrial periods. Impact of industrial revolution on city planning. Human Settlements by C.A. Doxiadis</p> <p><u>Tutorial</u> Planning philosophy and thoughts by Patrick Geddes, Le Corbusier and Ebenezer Howard. Danial Burnham’s city beautiful and its movements. Study of New Towns - New Delhi, Chandigarh , Brasilia and Canberra. Concept of New Age Cities and Cyber Cities and Cyber City Design.</p>
<p>MTURP 1.3. PHYSICAL PLANNING: PRINCIPLES AND TECHNIQUES</p> <p><u>Lecture</u> Basic Principles, aims and objectives of Physical planning, planning as an interdisciplinary study. Interrelationship between physical and socio-economic planning. Urban and Regional information system. Global, National and Local Urban Observatory and its role in planning of urban areas.</p>	<p>MTURP 1.3. PHYSICAL PLANNING: PRINCIPLES AND TECHNIQUES</p> <p><u>Lecture</u> Basic Principles, aims and objectives of Physical planning, Planning as an interdisciplinary stud; Interrelationship between physical and socio-economic planning. Space standards, <i>Normative Standards, Performance Standards</i>: Urban Development Plan Formulation and Implementation (UDPFI): Planning</p>

<p>Building bye-laws and Zoning Regulations. Basic planning tools like FAR, FSI, Coverage and residential density - their interrelationships and application in urban planning.</p> <p>Space standards for planning. Planning norms and standards for physically disabled.</p> <p>Basic planning principles of Rural Habitat and Neighbourhood planning.</p> <p>Surveys and studies required for preparing Development/ Master Plans – Tools for plan implementation. UDPFI Guidelines and new approaches to development plans.</p> <p>Planning for conservation of historical monuments and natural areas</p> <p><u>Tutorial</u> Land use analysis, analysis of FAR, FSI, Coverage and residential density Basic understanding of Information Technology, Remote Sensing and GIS applications in urban and regional planning</p>	<p>norms and standards.</p> <p>Development Control: Zoning Regulations, Sub-division Regulations and Building bye-laws and Regulations for conservation of historical, heritage and natural areas.</p> <p>Neighbourhood planning: <i>principles and Techniques, Site Analysis and Designing of Neighbourhood.</i></p> <p>Planning Surveys, <i>socio-economic survey</i> and studies for preparation of Master Plans.</p> <p>Preparation of Master Plans for Local Planning Area, Tools for plan implementation. UDPFI Guidelines for Plan Preparation and Implementation.</p> <p><u>Tutorial</u> Land Use: <i>Techniques to Preparation of Base maps, Land use Classification</i> and analysis Basic planning tools like FAR, FSI, Coverage and residential density - their interrelationships and application in urban planning.</p>
<p><u>II. PROJECT WORK</u> URP 1.6. PLANNING STUDIO : Micro Planning</p> <ul style="list-style-type: none"> . Introduction to maps and presentation techniques including topographical sheets. (2weeks, Marks IA 10 and Examination 10) . Development principles and plan for a rural habitat. (3 weeks. Marks IA 15 and Examination 15 marks) Study Visits to Newly Developed Neighbourhood Units/Townships Bangalore and Mysore and other places . Planning appreciation of a residential neighborhood. (3weeks. Marks IA 25 and Examination 25) . Site Planning and Residential Design – Principles and Planning Norms and Standards. (8 Weeks. Marks IA 50 and Examination 50) 	<p><u>II. PROJECT WORK</u> URP 1.6. PLANNING STUDIO : Micro Planning</p> <ul style="list-style-type: none"> . Introduction to maps and Presentation Techniques: Interpretation of Topographical sheets. (2weeks, Marks IA 10 and Examination 10) . Rural Development Principles: Preparation of Plan for a Rural Habitat. (3 weeks. Marks IA 30 and Examination 30 marks) . Planning Appreciation of a Residential Neighbourhood. (3weeks. Marks IA 20 and Examination 20) . Neighbourhood Planning: Site Planning and Design – Principles and Planning Norms and Space Standards. (8 Weeks. Marks IA 40 and Examination 40 marks). (Project Duration 16 Weeks. Marks Continuous Assessment A 100 and Examination 100 marks).

<p>marks). (Project Duration 16 Weeks. Marks Continuous Assessment A 100 and Examination 100 marks).</p>	<p>(Note: Study Visits to organized for Newly Developed Neighbourhood Units/Townships Bangalore and Mysore and other places)</p>
II Semester	
<p>MTURP 2.1 REGIONAL PLANNING AND DEVELOPMENT Lecture Aims and Objectives and need for regional planning- Concept, Types and Classification of regions. Delineation of planning regions by various Techniques- Principal component method, Composite index, Ridgeline technique, Gravity potential technique, Boundary girdle method. Regional Planning and Economic Development- Backward regions and Developed regions, Characteristics and reasons for backwardness. Case study of any regional plan. Introduction to regional analysis. Linear Programming, Input and Output Analysis- Growth Model, Core-periphery models. Regional Development Theories- W. Christaller; Von Thunen; Losch; A .Weber and W. Isard.</p> <p>Tutorial Multilevel planning – Needs and methods of multilevel planning in India. Growth Foci concept- Regional planning as a tool to integrate rural and urban areas.</p>	<p>MTURP 2.1 REGIONAL PLANNING AND DEVELOPMENT Lecture Aims and Objectives and need for regional planning- Concept, Types and Classification of regions. Delineation of planning regions by various Techniques- Principal component method, Composite index, Ridgeline technique, Gravity potential technique, Boundary girdle method. Regional Planning and Economic Development- Backward regions and Developed regions, Characteristics and reasons for backwardness. Case study of any regional plan. Introduction to regional analysis. Linear Programming, Input and Output Analysis- Growth Model, Core-periphery models. Regional Development Theories- W. Christaller; Von Thunen; Losch; A .Weber and W. Isard. Application of Regional techniques in District Planning.</p> <p>Tutorial Multilevel planning – Needs and methods of multilevel planning in India. Growth Foci concept- Regional planning as a tool to integrate rural and urban areas. District Planning: Integrated approach to district level planning (vertical and horizontal spatial integration); Rural-Urban spatial relationship; District Development Plans – Guidelines for District Planning: Content and context and methodologies,</p>
<p>MTURP. 2.2. ECOLOGY AND ENVIRONMENTAL ASPECTS OF PLANNING Lecture Fundamentals of Eco-system and environment. Components of natural and built environment- Man’s role in</p>	<p>MTURP. 2.2. ECOLOGY AND ENVIRONMENTAL ASPECTS OF PLANNING Lecture Fundamentals of Eco-system and environment. Components of Natural and Built Environment- Man’s role in changing</p>

<p>changing the face of the earth. Man's impact on natural features like Atmosphere (climate) and Urban heat island; Forests and Landforms and Water table and depletion of water table, and Urban floods. Environmental pollution – types of pollution, air; water; noise and land – Their source and impact and abatement. Environmental Impact Assessment. Environmental Management – Innovations in Technology, application of energy use. Environmental Policy and Legislation in India - Global awareness - Earth Summit 1992 and Rio Conference. UNEP and its role. Sustainable Development- Stakeholders Participation.</p> <p><u>Tutorial</u></p> <p>Role of NGO`s and Voluntary Agencies in preserving the environment. Types of natural and manmade disasters – Pre disaster planning- warning systems- disaster mitigating measures – post disaster measures – Interagency coordination and role of Voluntary agencies. The Climate Change.</p>	<p>the face of the earth. Man's impact on natural features viz. Atmosphere (climate), - Urban Heat Island; Forests and Landforms. Environmental pollution – types of pollution, air; water; noise and land – their source, impact and abatement. Environmental Impact Assessment. Environmental Policy and Legislation in India International Environmental Issues on Stockholm Conference, Earth Summit 1992, Rio Conference.</p> <p><u>Tutorial</u></p> <p>UNEP and its Role. Sustainable Development Role of NGO`s and Voluntary Agencies in preserving the environment. Types of natural and manmade disasters – Pre disaster planning- warning systems- disaster mitigating measures – post disaster measures – Inter-agency coordination and role of Voluntary agencies. Global Warming and Climate Change.</p>
<p>III Semester</p>	
<p>MTURP 3.2 PLANNING LEGISLATION, GOVERNANCE AND MANAGEMENT</p> <p><u>Lecture</u></p> <p>Overview and Basis of Law- Meaning of Law, Act, Ordinance, Bill and Bye-laws Introduction to Indian Constitution- Fundamental Rights and Directive Principles and Fundamental Duties of a Citizen. Municipalities and Pachayats Acts: Powers and Functions of Local Bodies. 74th Constitution Amendment Act Urban and Rural Plan Integration. Functions and Role of MPC and District Planning</p>	<p>MTURP 3.2 PLANNING LEGISLATION, GOVERNANCE AND MANAGEMENT</p> <p><u>Lecture</u></p> <p>Legislation: Overview and Basis of Law, Meaning of Law, Ordinance and Bill, Act, Rules, Regulations and Bye-laws Introduction to Indian Constitution- Citizenship, Fundamental Rights, Directive Principles of State Policy and Fundamental Duties of Citizen. The Panchayats and Municipalities: Powers, authority and responsibilities, Ward Committees, Metropolitan and District Planning</p>

Committee. Municipal Finance- Financing of plans.
Meaning and concept of Governance and Reforms.
Evolution of Planning Legislation in India
Legislative Competence of State and Central governments to enact
Town Planning Legislation
Provisions of Acts - Karnataka Town and Country Planning Act,
1961, Karnataka Urban Development Authorities Act, Planning
Authorities Act, Bangalore Development Authority and BMRDA
Act
Acts related to: Land Acquisition, Karnataka Housing Board,
Structure Plans and Local Plans

Tutorial

UK Planning Laws
Development Control. Development Charges and Betterment
Levy.
Resource Mobilization
Transparency and better Municipal Management.
Citizens Participation in Planning.

Committees, 73rd and 74th Constitutional Amendments and Functions of
PRIs and ULBs under 11th and 12th Schedule of the Constitution.

Planning Legislation: Evolution of Planning Legislation in India,
Legislative Competence of State and Central governments to enact Town
Planning Legislation

The Karnataka Town and Country Planning Act, 1961 – Objects and
purpose the Act, Declaration of Local Planning Area, Constitution of
Planning Authority including its powers and functions, Preparation of
Master Plan including Surveys, Contents, Approval, and Enforcement-
Preparation of Town Planning Schemes, Duties of Town Planning
Officer, Planning Authorities Rules

Land Acquisition for Master Plan Implementation: Land Acquisition Act,
Development Rights/TDR

Urban Local Bodies, Powers and Functions of ULBs as per the
Karnataka Municipalities Act, 1961; Municipal Finance- and Budget,
Financing of plans and schemes.

Governance : Meaning Governance and concept of Good Urban
Governance and Reforms, Resource Mobilization, Transparency and
better Municipal Management,

Tutorial

UK Planning Laws: Development Plans, Structure Plans and Local Plans
and PPG (Planning Policy Guidance)

Acts- Karnataka Urban Development Authorities Act, Bangalore
Development Authority Act, Bangalore Metropolitan Regional
Development Authority Act, Karnataka Planning Authority Rules,
Karnataka Housing Board,

Development Control- Zoning Regulations, Sub-division Regulations and
Building Bye-laws, Development Charges and Betterment Levy

	<p>Citizen Participation Law, Area Sabha and Citizens Participation in Planning.</p>
<p>MTURP. 3.4.3. COMPUTERS APPLICATIONS, INFORMATION TECHNOLOGY AND GEOGRAPHIC INFORMATION SYSTEMS (GIS)</p> <p><u>Lecture</u> PART A</p> <p>Hardware: block Diagram, Input and Output and peripheral devices and software: System software (operating system) and application software.</p> <p>Computer Networks: Local Area Network LAN, Metropolitan Area Network - MAN, Wide Area Network - WAN</p> <p>Internet" World Wide Web. Web resources and intranet, NICNET</p> <p>Data Base and Information System: Data base and data base Management system, Information system, Management Information System- MIS</p> <p>PART B</p> <p>Elements of GIS: Hardwares, date, software, data input. Vector and raster software, data storage and data management, data processing and data output and presentation. Concepts and User interface.</p> <p>GIS data types and Structures; Data Models, Vector Data Model and Raster Data Model</p> <p>Databases" Data Base Management System, Database design, Data integration, input sources, primary data, secondary data, satellite data, digitizing - manual digitizing, raster scanning, vector and raster conversion.</p> <p>Modeling with GIS, Data analysis and modeling: Spatial analysis and modeling, types of GIS modeling such as map modeling, table modeling, point-grid modeling etc.,</p> <p>Network analysis, Overlay analysis and Query.</p>	<p>MTURP. 3.4.3. COMPUTERS APPLICATIONS, INFORMATION TECHNOLOGY AND GEOGRAPHIC INFORMATION SYSTEMS (GIS)</p> <p><u>Lecture</u> PART A</p> <p>Computer applications – Hardware, software and computer Networks.</p> <p>Web resources, web portal - Indian Urban Portal, Indian Water Portal, DISNET & NICNET</p> <p>Data Base Management, Urban and Regional information system and Management Information System (MIS), Land Information System</p> <p>National Urban Information System (NIUS).</p> <p>PART B</p> <p>Introduction to remote sensing – spatial data acquisition and applications of remote sensing in Urban and Regional Planning</p> <p>Elements of GIS: Hardware, data, software, data input. Vector and raster software, data storage and data management, data processing and data output and presentation. Concepts and User interface.</p> <p>GIS data types and Structures; Data Models, Vector Data Model and Raster Data Model</p> <p>Databases" Data Base Management System, Database design, Data integration, input sources, primary data, secondary data, satellite data, digitizing - manual digitizing, raster scanning, vector and raster conversion.</p> <p>Network analysis, Overlay analysis and Query.</p> <p>Tutorials</p> <p>Information Technology and e-Governance Initiatives: IT policy of State Government and Government of India, Case studies of Bhoomi, RDS and other e-governance initiatives.</p>

<p>Tutorials Information Technology and e-Governance Initiatives: IT policy of state governments and Government of India, Case studies of Bhoomi, Cauvery, Soukaryan and e-conferencing etc.,</p>	<p>Modeling with GIS, Data analysis and modeling: Spatial analysis and modeling.</p>
<p>MTURP.3.4.1 URBAN REDEVELOPMENT AND POVERTY ALLEVIATION PROGRAMMES Lecture Urban Slums and Squatter Settlements - causes and consequences of slums and Squatter settlements. Industrialization and Urban growth. Environmental improvement of Slums. Problems of Urban Decay - causes and consequences. Case Studies – Thailand, Singapore and Hong Kong. Role of Voluntary Agencies and Institutions in Slum Improvement and Slum Dwellers Welfare. Informal Sector and planning for informal sector. Urban Poverty. Poverty vs. Economic Productivity. Urban Poverty and Poverty Alleviation Programs of Central and State Governments. SJSRY and EIUS, BSUP(JNNURM). Urban Reforms – Livelihood, self-employment, micro-financing (self-help groups) - Economic improvement of Urban poor.</p> <p>Tutorial Technique of conducting surveys to assess urban decay and degree of obsolescence. Urban Renewal and Redevelopment- Control areas- Historical areas, natural areas and rural pockets. Identification and special provisions in urban planning.</p>	<p>MTURP.3.4.1 URBAN REDEVELOPMENT AND POVERTY ALLEVIATION PROGRAMMES Lecture Urban Redevelopment and Urban Renewal: - Objectives of urban Renewal, Urban Blight – Causes, Measuring Blight, Problems of Urban Decay - causes and consequences, Technique of conducting surveys to assess urban decay/blight, Case Studies of Urban Redevelopment and Urban Renewal Projects in India and Abroad. Slums: Characteristics of Urban Slums and Squatter Settlements - causes and its consequences. Declaration of Slums, Slum Improvement, Resettlement and Rehabilitation and Redevelopment and its Case Studies. Slum Improvement and Clearance Board and its Role in Development of Slum including Case Studies of Slum Improvement and Redevelopment Projects. Urban Poverty- Identification of Urban Poverty, Basic Services Approach for Identification of Poverty, Social Sector Goals, Urban Poverty Alleviation Programmes Viz. SJSRY and EIUS, BSUP(JNNURM). Livelihood, self-employment ventures, micro-financing (self-help groups). Urban Community Development Initiatives, Creation of Community Structures, Community Development Society and its role in Poverty Alleviation , Role of Voluntary Agencies and Institutions in Slum Improvement and Slum Dwellers Welfare. Informal Sector and planning for informal sector.</p>

	<p><u>Tutorial</u> Urban Renewal in Historical and Heritage areas; Natural Areas and rural pockets. Inclusive Planning. Case Studies of Urban Redevelopment/Urban Renewal - Singapore and Hong Kong etc. Industrialization and Urban growth and its consequences on Slums. Environmental Improvement of Slums.</p>
<p>MTURP.4.1. CITY AND METROPOLITAN PLANNING</p>	<p>Lecture</p>
<p>MTURP.4.1. CITY AND METROPOLITAN PLANNING Lecture Urban growth and urbanization- Urbanization in India- past trends and future- Growth Dynamics of urban centers in India. Components of National Urbanization Policy and State Urbanization Policy of Karnataka Recommendations of National Commission on Urbanization. Metropolitan Center; Area and Region- Metropolitanization in India- Physical, economic and demographic characteristics of Metropolitan centers in India. Metropolitan Dominance- Phenomenon of Primate cities- Need for Metropolitan Decentralization Management of metropolitan areas- Metropolitan Plan- preparation and implementation- Structure Plan approach. Metropolitan Governance- Role of Metropolitan Planning Committee. Overlapping jurisdictions in Metropolitan region.</p> <p>Tutorial Case study of metropolitan centers from India and abroad. Role of Special Agencies in Metropolitan Management. UIDSSMT schemes, JNNURM and planning for urban infrastructure- Ring towns and Satellite towns.</p>	<p>MTURP.4.1. CITY AND METROPOLITAN PLANNING Lecture Urban growth and urbanization- Urbanization in India- past and future trends - Growth Dynamics of urban centers in India. Components of National Urbanization Policy and Recommendations of National Commission on Urbanization. Metropolitan Center; Area and Region- Metropolitanization in India- Physical, economic and demographic characteristics of Metropolitan centers in India. Metropolitan Dominance- Phenomenon of Primate cities- Need for Metropolitan Decentralization- Satellite towns, Ring towns and Counter Magnets Metropolitan Plan- preparation and implementation- Metropolitan Regional Plan and Structure Plan approach. Management of metropolitan areas- Metropolitan Governance- Role of Metropolitan Planning Committee. Overlapping jurisdictions in Metropolitan region.</p> <p>Tutorial The Draft State Urban Development Policy of Karnataka Case studies metropolitan centers from India viz. Bangalore, Delhi, Mumbai, Chennai, Kolkata etc. Role of Special Agencies in Metropolitan Management.</p>

	<p>Planning for urban infrastructure in Metropolitan Cities – JNNURM, UIDSSMT schemes</p>
<p>MTURP.4.2.2. VILLAGE PLANNING AND RURAL DEVELOPMENT</p> <p><u>Lecture</u> Nature of rural communities - Structure and forms of rural settlements. National planning and rural development. Rural economy - Planning for rural economic base. Agriculture and other primary sector. Rural Local Governments and rural Institutions in development activities- 73rd Constitution Amendment Act and its impact on rural development Evaluation of rural development. Programs of central and state governments like Sampoorna Gram Abhivruddi Yojana (IRDP), Rozgar Yojana, other employment schemes. Planning for rural infrastructure - Energy, roads, water supply, sanitation and rural services - Agro services.</p> <p><i>Tutorial</i> Appropriate Technology for rural development like use of local resources, Rain water Harvesting, water recharge and soil conservation and waste land development. Village Industries and village trade and services.</p>	<p>MTURP.4.2.2. VILLAGE PLANNING AND RURAL DEVELOPMENT</p> <p><u>Lecture</u> Nature of rural communities - Structure and forms of rural settlements. National planning and rural development. Rural economy - Planning for rural economic base. Agriculture and other primary sector. Rural Local Governments and rural Institutions in development activities- 73rd Constitution Amendment Act and its impact on rural development Evaluation of rural development programs of central and state governments like MGNREGA, PMGSY, NBA, NRHM, Bharat Nirman etc. Planning for rural infrastructure - Energy, roads, water supply, sanitation and rural services - Agro services.</p> <p><i>Tutorial</i> Appropriate Technology for rural development like use of local resources, Rain water Harvesting, water recharge and soil conservation and waste land development. Village Industries and village trade and services.</p>

Prof. Krishne Gowda

Chairman, BoS in Urban and Regional Planning