

List of Selected Research Studies Undertaken During the Period 2005-'16

Sl. No.	Title of the Study
1	A Study of Paratransit Services for Selected Cities in Kerala
2	Accident Abatement Measures for Urban Areas in Kerala
3	Ambient Air Quality (AAQ) Monitoring Programme for Selected Road Corridors in Kerala
4	Application of Congestion Pricing as a Tool for Reducing Traffic Congestion in Cities - A Case Study
5	Assessment of Rural Accessibilities in Different Terrains of Kerala
6	Computation and Periodic Updation of Price Indices for Auto- Taxi operations (PIATO) in Kerala
7	Computation and Periodic Updation of Price Indices for Stage Carriage Operation (PISCO) in Kerala
8	Computerized Inventory of Roads at Panchayath Level- a case study of Wayanadu District
9	Constraints in Developing West Coast Canal in Kerala-Case Study of Selected Stretches in North Kerala (Kozhikode, Kannur and Kasargod Districts)
11	Demonstration Project on the Use of Plastic Waste for Road Construction and Study on its Suitability to Kerala Conditions
12	Development of Data Bank in Transportation
13	Development of Hill Highway in Kerala- Socio- economic Impact of Improving Connectivity in Hilly Region
14	Development of Seaport-Airport Connectivity for Kochi City through Inland Waterways
15	District Level Road Safety Training Programme for Resource Persons
16	District Rural Roads Plan for Wayanadu District-Preparation for DPR for Improvement of Roads Under NABARD Funding
17	Study on Driver Protection Strategies (Seat Belt and Helmet Use)
18	Economics of Water Transport Operations in Kerala
19	Effect of Speedboat Movement on Bank Erosion in Canals-A case Study of Kuttanadu Region
20	Environmental Impact of Dredging of Canals in Thiruvananthapuram City- A Case Study of T S Canal
21	Establishing Road Safety Auditing System for Kerala
22	Evaluation of Accident Black Spots on Roads using Geographical Information System and Remote Sensing
23	Evaluation of Speed Limits on National Highways- Case Study of Thiruvananthapuram-Kollam Section of NH-47
24	Evaluation of Traffic Management Measures in Urban- Centres Using GIS Techniques- a Case Study
25	Evaluation of Traffic Potential of Inland Waterways in Kerala
26	GIS Application for Management of Bridges- A Pilot Study
27	Ground Stabilization Techniques for Road Construction in Clayey Soils of Kuttandu Region
28	Identification of Accident Prone Locations and Improvement Measures in State Highways of Northern Kerala
29	Impact of Public Transport Development on the Economy of a Region- Case Study of Cochin Region
Sl. No.	Title of the Study

30	Impact of Road Digging by Public Utility Departments on Urban Roads
31	Impact of Speed Restriction Measures on Road Safety and Level of Service
32	Impact of Traffic Signs and Road Markings on Improving the traffic Flow and Safety of Road Users- Case Study of Selected High- Density Traffic Corridors in Thiruvananthapuram
33	Integrated Development of Transport Infrastructure for an Emerging town -Kottarakkara
34	Integrated Rural Accessibility Planning (IRAP)-A Micro Level Intervention in Hilly Areas of Northern Kerala
35	Integration of Public Transport Services- A Case Study of Kottayam Town
36	Integration of public Transport Services- A Case Study of Thiruvananthapuram City
37	Mobility Plan for West Kallada Grama Panchayath in Kollam District
38	Pavement Deterioration Studies for Highways in Kerala
39	Pavement Evaluation Studies for Low Volume Roads in Kerala
40	Pavement Maintenance Management System for Selected roads in Kerala
41	Pedestrian Safety in Medium Towns of Northern Kerala- An Analysis
42	Planning for Inter-Modal Distribution of Traffic by Road and Inland Waterways in Kochi City
43	Predictive Accuracy of Urban Transport Studies in Kerala
44	Preparation of Inventory of Roads for a Region- Ernakulam and Kannur District
45	Prioritisation of Road Development in a Region- A Case Study of Kannur District
46	Problems Associated with Mobility of Women- A Case Study
47	Public Transportation -Operational Efficiency of KSRTC Moffussil Bus Service- A case Study of Kollam District
48	Rationalization of Bus Stops on Urban Arterial Corridors- A Case Study
49	Regional Road Network Planning Study for Kerala- Vision 2030
50	Resource Mapping of Road Construction Materials in Kerala
51	Revival of Inland canals and Waterways in Kerala
52	Road Development Programme for Hilly Regions of Kerala - A case Study of Wayanadu District
53	Road Safety Auditing and Related Community Road Safety Programme in Northern Kerala
54	Road Signage System for Greater Calicut Region
55	Role of IPT Modes in Medium Sized City in Kerala- Case Study of Kozhikode
56	Route Network Planning of Inland Water Transport for Kerala
57	Safe Community Programme for Panchayaths
58	Safe Road to School Programme
59	Safety Auditing of Public Transport System in Kerala
60	Shortest Path Analysis and Service Area Allocation for Ambulance services in Thiruvananthapuram Corporation- a GIS Approach
61	Socio-Economic Impact of Development of Hill Highways in Kerala
62	Speed Profile of vehicles and Road Safety Strategies
63	Status of Minor Ports in Kerala
64	Strategies for Safe Transportation of Dangerous Goods - A Status Report
65	Study of Benefits of Streamlining of Pedestrian Flows on Busy Roads
Sl. No.	Title of the Study
66	Study of Noise Pollution due to Automobiles in Major Cities

67	Study on Gender Issues of Mobility of Working Women
68	Study on Improvement of Kovalam-Akkulam Stretch of T.S Canal
69	Study on Integrated Development of Kottappuram-Chettuva Stretch of West Coast Canal
70	Study on Interstate Goods Transport by Roads in Kerala
71	Study on Navigability of Feeder Canals in Kerala -Improvement of Canals in Kochi Region
72	Study on Operational Efficiency on KSRTC mini bus Services
73	Study on overloading of trucks and its effects on pavement deterioration
74	Study on revision of fares for Operation of Boat Services
75	Study on the Impact of Road side Advertisements and Hoardings on Road Safety
76	Study on the Navigability of Feeder Canals to National Waterway No.3 in Thiruvananthapuram District
77	Study on the Performance of Highway Development Projects in Kerala
78	Study on the Use of Waste Plastics for Road Construction- An Evaluation of Roads Surfaced with Bituminous Mix Using Plastic Coated Aggregates in Kerala
79	Suitability of Locally Available Materials for Road Construction in Kerala
80	Traffic Engineering and Management Plan for Selected Towns in Kerala- A Comparative Analysis of Travel Characteristics
81	Traffic Improvement Plan for Kottayam Town
82	Traffic Medicine- A Status Report
83	Transport Infrastructure Development Plan for Harippad Town
84	Urban Infrastructure Development Scheme for Small and Medium Towns
85	Use of Geo-Synthetic Materials in Road Construction and Embankment Works- A Demonstration Project
86	Evaluation and Optimization of Auto Rickshaw Operations in Thiruvananthapuram City
87	A Comparative study of Road Safety Activities in Malabar Region of Kerala
88	Study on the collapse behavior of compacted soil in highway embankment
89	Use of waste plastic in the subgrade layer of flexible pavement
90	Study on use of Construction Waste Materials for sub-base and base layers of flexible pavements
91	Study on the development of feeder routes for Light Rail Transit System in Thiruvananthapuram
92	Integration of Multi-Model Transit system for urban areas – A case study of Kochi City
93	Black Spot Determination of Traffic Accident Locations and its Spatial Association Characteristic Analysis Based on GIS
94	Development of GIS-based Road and Traffic Database for Kerala
95	Technical Feasibility Study on Ro-Ro operations in Vembanad lake at north and south of Thanneermukkom
96	Development of Air Pollution Index of Kerala
97	Study on accidents and safety aspects related to Inland waterways
98	Study on Formulation of Toll Pricing in Kerala
99	Database creation and management for Inland waterways in Kerala using GIS – Phase I
100	Estimation of Trip Generation Rates for Different Land Uses