

Course Outline

Transport Infrastructure

PGP (Slot VII & VIII) 2015-16

Sessions: 20

Instructor: Prof G Raghuram (GR), Wing 6, Extn: 4860

Academic Associate: Abhishikt Chauhan

Course Objective

Transport infrastructure is a major driver of economic development including trade growth. In this context, management and public policy issues to facilitate transport infrastructure development become important.

This course focuses on management and public policy issues in the context of transport infrastructure development. The course is structured subsectorally, focusing on road, rail, air and water based transportation. Issues such as appropriate bundling, public private partnerships, financing, intermodal coordination and technologies, and regulation (including for safety and environment) which cut across the subsectors will be discussed in the various sessions, as per their significance.

Grading and Evaluation

Class Presentations/Submissions (Group)	:	40%
Issue Paper (Individual)	:	40%
Quiz / Examination (Individual)	:	20%

Session Plan

Session 1: 15.06.2015 Monday 0845-1000

Issues in Transportation

- 'The Transport Sector,' G Raghuram, Chapter 7.1, IIR 2001
- 'Sectoral Issues in Transportation,' G Raghuram, Chapter 7.2, IIR 2001
- 'India Transport Report: Moving India to 2032,' Volume 1, Executive Summary, 2014

Session 2: 16.06.2015 Tuesday 0845-1000

Road

- 'Mhow Ghatabillod Road,' G Raghuram and N Parikh, 2004
- 'Vadodara Halol Toll Road,' G Raghuram, 2004
- 'Evolution of Model Concession Agreement for National Highways in India,' TS Ramakrishnan and G Raghuram, WP No 2012-07-01, IIMA

Session 3: 17.06.2015 Wednesday 0845-1000

Road

- ‘Concession for the Delhi Noida Bridge,’ Sheoli Pargal, Planning Commission (Secretariat for the Committee on Infrastructure), 2007
- ‘Case on Delhi Noida Toll Bridge’, Sidharth Sinha, 2010

Session 4: 30.06.2015 Tuesday 0845-1000

Road

- ‘Enhancing the Quality of Trucking Services in India,’ KL Thukral and TCA Srinivasa Raghavan, AITD, 2005
- ‘Roadmap for Logistics Excellence: Need to Break the Unholy Equilibrium,’ G Raghuram and Janat Shah, WP No 2004-08-02, IIMA

Session 5: 01.07.2015 Wednesday 0845-1000

Railways

- ‘Turnaround’ of Indian Railways: Increasing the Axle Loading,’ G Raghuram and Niraja Shukla, Vikalp, 2008 (*IIMA working paper, WP No 2007-05-03, Titled: ‘Turnaround of Indian Railways: Increasing the Axle Loading,’ has been distributed*)

Session 6: 06.07.2015 Monday 0845-1000

Railways

- 4P Model of Freight Business for Indian Railways, G. Raghuram and Rachna Gangwar, Chapter 5.6, IIR 2008, (*IIMA working paper, WP No 2007-07-03, Titled: ‘Marketing Strategies for Freight Traffic on Indian Railways - A Systems Perspective,’ has been distributed*)
- ‘Framework for Structuring Public Private Partnerships in Railways,’ Case Studies on Transport Policy, Elsevier, R Gangwar and G Raghuram, 2014

Session 7: 07.07.2015 Tuesday 0845-1000

Discussion on Issue Paper

Session 8: 08.07.2015 Wednesday 0845-1000

Railways

- ‘Swedish Railways Case Study,’ Ron Kopicki and Louis S Thomson, Best Methods of Railway Restructuring and Privatization, CFS Discussion Paper Series, Number 111, 1995

Session 9: 13.07.2015 Monday 0845-1000

Aviation

- ‘A Road Map for the Civil Aviation Sector,’ Naresh Chandra Committee Report, November 2003

Session 10: 14.07.2015 Tuesday 0845-1000

Aviation

- ‘Air Deccan (A),’ Ajay Pandey, G Raghuram, Rekha Jain, and Sweta Poddar, 2008
- ‘Delta Air Lines (A): The Low-Cost Carrier Threat’ Jan Rivkin and Laurent Therivel, 2005

Session 11: 15.7.2015 Wednesday 0845-1000

Aviation

- ‘Airport Privatization: Bidding Process for Delhi and Mumbai (A)’ Rekha Jain, G Raghuram, and Rachna Gangwar, 2007

Session 12: 20.07.2015 Monday 0845-1000

Aviation

- ‘GMR Male International Airport Private Limited (A)’ G. Devkar and G Raghuram, 2014
- ‘GMR Male International Airport Private Limited (B)’ N. Somani, A. Narayanan and G Raghuram, 2013

Session 13: 21.07.2015 Tuesday 0845-1000

Maritime

- ‘Kolkata Port: A Turnaround Story’, T Bandyopadhyay, G Raghuram, Y Sharma, and N Shukla, 2009
- ‘Karaikal Port Private Limited’, S Nambissan, S Ramakrishnan, S Yegneswaran and G Raghuram: CIPR0023, 2014 (*To be distributed later*)

Session 14: 22.07.2015 Wednesday 0845-1000

Maritime

- ‘PSA: The World’s Port of Call,’ Lynda M Applegate, Nancy Bartlett, Dolly Chang-Leow and Neo Boon Siong, 2001
- ‘The Battle of the Asian Shipping Hubs: PSA vs PTP (C),’ Jin Leong, Ming-Jer Chen and E. Thayer Bigelow, 2004
- ‘The Battle of the Asian Transshipment Hubs: PSA vs PTP (A), (B),’ Ming-Jer Chen, Jin Leong, and E. Thayer Bigelow, 2010, 2004

Session 15: 27.07.2015 Monday 0845-1000

Maritime

- ‘Integrating Coastal Shipping with the National Transport Network,’ G Raghuram, Chapter 7.5, IIR – 2001
- ‘Viability of Inland Water Transport in India,’ G Raghuram and N Rangaraj, INRM Policy Brief No. 13, ABD, 2007

Session 16: 28.07.2015 Tuesday 0845-1000

Urban Transport

- ‘Indore City Bus Transport Service (A),’ G Raghuram and Satyam Shivam Sundaram, 2010
- ‘Indore City Bus Transport Service (B),’ G Raghuram, Satyam Shivam Sundaram and Himanshu Patni, 2010

Session 17: 29.07.2015 Wednesday 0845-1000

Urban Transport

- ‘Hyderabad Metro Rail Ltd,’ Nagendra Biyani and G Raghuram, 2010

Session 18: 3.08.2015 Monday 0845-1000

Urban Transport

- ‘Delhi Transport Department: Case of Uber Taxi Rape’ G Raghuram and Darshit Jasani, 2015

Session 19: 4.08.2015 Tuesday 0845-1000

Issue Paper Discussion

Session 20: 5.08.2015 Wednesday 0845-1000

Issue Paper Discussion and Wrap Up

Extra Slots 1: 10.08.2015 Monday 0845-1000

Extra Slots 2: 11.08.2015 Tuesday 0845-1000

Extra Slots 3: 12.08.2015 Wednesday 0845-1000

Additional References:

Strategic Plan of MoCA (www.civilaviation.nic.in)

Strategic Plan of Road Transport and Highway

(morth.nic.in/writereaddata/.../RFD_2010_111615536851.pdf)

Maritime Agenda 2020 (<http://shipping.nic.in/showfile.php?lid=261>)

Vision (2010-2020 of railways)

www.indianrailways.gov.in/uploads/directorate/tele.../Vision-2020.pdf)

McKinsey Urban Transport Report

(www.mckinsey.com/.../india_urbanization/MGI_india_urbanization_fullreport.pdf)

Mckinsey Logistics Report

(www.mckinsey.com/.../mckinseyonindia/.../Logistics_Infrastructure_by2020_fullreport.pdf)