

Tejas S. Rawal

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ACADEMIC BACKGROUND

Degree	University/ Institute	Scored Agg.
MS Urban Informatics [Expected April 2019]	Northeastern University	GPA 3.2 / 4
Ph.D. [Awarded on 02 June 2016]	Dept. of Architecture and Planning,	-
Masters in Urban and Rural Planning [Jun 2012]	Indian Institute of Technology(IIT), Roorkee	GPA 7.59 / 10
B. Tech (Hons.) Civil Construction [May 2010]	CEPT University, Ahmedabad	61.7 %

PH.D. in Urban and Rural Planning

Title: Planning for Optimum Transportation System for Sustainable Development in Kanyakumari District, Tamil Nadu.

Abstract: With the help of SYSTEM DYNAMICS MODELING, an attempt has been made to evolve a set of plausible policy planning guidelines and recommendations for sustainable transportation of Kanyakumari district, by considering the district as a system, in view of the important control parameters of various sub-systems of the system. The projections, for the year 2041 AD, have been made to understand the behaviour of the system. The functions of the system under various alternative conditions are closely examined by developing various scenarios, and tested to arrive at plausible policy option.

PROFESSIONAL EXPERIENCE

Ernst and Young LLP

Senior Project Consultant : Government and Transaction Advisory Services

Ahmedabad, India

May 2016 - May 2017

Projects:

1. Port Policy of Gujarat, Gujarat Maritime Board, GoG

Discussion paper and stakeholder interviews https://www.gmbports.org/assets/downloads/port_policy_mar_2017.pdf

2. Vibrant Gujarat 2017, GoG: Shelf of Projects

Preparation of ~200 plus project outlines having high potential for investments in Gujarat State to showcase these to the potential investors during VG'17. Review, preparation of profiles and overall project coordination. <https://vibrantgujarat.com/project-profiles>

3. Vibrant Gujarat 2017, GoG: Investors Facilitation Cell

Single window platform for the investor and department interaction for easy access for setting up business in Gujarat. Monitoring of MoUs signed during Vibrant Gujarat 2015 and 2017. <https://ifp.gujarat.gov.in/>

4. Maharashtra Film Stage and Cultural Development Corporation Ltd.

Dadasaheb Phalke Chitranagari, - eCompendium of best locations across Maharashtra for film shoots, Analysis of 26 different location in Maharashtra.

ACHIEVEMENTS AND SCHOLARSHIPS

- ❖ GATE 2010 Registration No.:AR 3012099 Marks: 46.33 GATE Score: 482 All India Rank: 46
- ❖ MHRD Scholarship During Masters in Urban and Rural Planning, IIT Roorkee
- ❖ MHRD Scholarship During PhD, IIT Roorkee
- ❖ SA-YSSP Fellowship South African - Young Scientist Summer Program 2014-15
Organised By International Institute of Applied Systems Analysis (IIASA - Austria) and National Research Foundation (NRF – South Africa)
Duration 1, November 2014 to 30, January 2015
Location University of Free State, Bloemfontein, South Africa
Link: http://www.iiasa.ac.at/web/scientificUpdate/2015/cb/Rawal_Tejas.html

AREAS OF INTEREST:

Urban and Rural Planning, Infrastructure Planning,
Transportation Planning , System Dynamics, Civil Construction

TECHNICAL SKILLS:

MS Office: Excel, Word, Power Point
Auto CAD, SPSS, Stella

THESIS/ DISSERTATIONS

1. Sustainability Assessment Of Ahmedabad Bus Rapid Transit System

[Masters Dissertation]

The objective of the study was to assess the sustainability of Ahmedabad BRTS through benchmarking and also to provide recommendations for the better planned tomorrow.

2. Comparative Analysis of MSWM in Middle Scale Towns

[Under-Grad Dissertation]

The objective was to understand the Municipal Solid Waste Management (MSWM) Systems trends in terms of its efficiency in medium scale towns. In analysis, the parameters of Transportation, Manpower and Finance were compared with Municipal Solid Waste Rules-2000.

PROFESSIONAL TRAINING

1. Gujarat International Finance-Tech City Ahmedabad

[Masters - Summer Internship 6 weeks]

Intern in infrastructure planning division, worked on 'Common Utility Duct' conceptual design and 'Multilevel Car Parking'.

2. Delhi Metro- 2.8 km Underground Tunnel Construction

[Under-Grad Training 4.5 months]

Airport Metro Express Line (AMEL): L&T and Shanghai Urban Construction Group - JV. Studied Tunnel Construction.

CONFERENCES AND PUBLICATIONS

(Publications Link: https://www.researchgate.net/profile/Tejas_Rawal)

❖ International Journal:

- › “Analysis of National Highway-47 in Kanyakumari District, Tamil Nadu.”, ITPI Journal, Vol 10 No 3, ISSN 0537-9679, Sep 2013
- › “Exploring the Planning Design Opportunities for Road Transportation Network of Kanyakumari District, Tamil Nadu, India.” International Journal of Built Environment and Sustainability, 09/2015; 2(3):150. DOI:10.11113/ijbes.v2.n3.76 E-ISSN:2289-8948
- › “Intelligent Transportation System in India - A Review”, Journal of Development Management and Communication, Volume II Number 3 July-September, 2015 ISSN 2348 – 7739.

❖ National Conference:

- › “Sustainability assessment of Ahmedabad BRTS”, National conference on Sustainable Cities in Arid Region: Planning, Design and Management, December 26-28 2012, MNIT - Jaipur.
- › “Transit Oriented Development and Neighbourhoods”, National Conference on Sustainable Neighbourhoods, February 21-22 2014, MNIT - Jaipur.
- › “Integrated Multi-Modal Transportation In India”, National Seminar on Changing Spectrum of Human Settlements and Planning Education, March 20-21 2014, Guru Ramdas School of Planning, GNDU, Amritsar.
- › System Dynamics Modeling For Transportation Planning In Kanyakumari District, Tamil Nadu. System Dynamics Society of India, IIT Bombay, Mumbai; Oct 23-24, 2015

❖ International Conference: Future Dialogue 2011 (September 24th 2011, New Delhi) Sustainable cities: Mastering the challenges and opportunities of rapid urbanisation.

❖ Workshop:

- › Orientation on Parking Policy, 26 July 2013, Centre for Science and Environment, New Delhi.
- › CSE Workshop Series on Transport and Climate, 24-25 July 2013, CSE, New Delhi.