

**Mr. Rasikkumar V. Makwana**

**Experience: - 2 Years & 10 Months**

**Education Qualification: - M.E. Civil (Transportation), B.E. Civil**

**Specialization: - Civil (Transportation) Engineering**

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## Research

### 1. Paper:

R. N. Shukla, **Rasikkumar V. Makwana**, P. J. Gundaliya 2019. “Public Transport Accessibility Index for Bus System in West Zone of Ahmedabad City”. **Compliance Engineering Journal** - An UGC-CARE Approved Group - A Journal (ISSN No. 0898-3577, Paper ID: CEJ/2423). Volume 10, Issue 11, DOI:16.10089.CEJ.2019.V10I11.285311.2727.

### 2. Paper:

**Rasikkumar V. Makwana** 2021, “Analysis of Irrigation Water Need for Cotton Using Blaney-Criddle Method”, Online **International Conference** on “Sustainable Water Resources Development and Management”, SWARDAM-2021 (8-9 March, 2021), e-ISBN: 978-81-952843-9-9.

## Professional contribution: -

Faculty Development Programme ( <b>FDP</b> )	19
Short Term Training Programme ( <b>STTP</b> )	12
Workshops	07
Conference	05
Certificate Course	02
Online Course ( <b>Udemy, Coursera, TATA STEEL</b> )	09

**Achievements: -** (Any type related to the field of engineering, membership of any body)

<b>Subject</b>	<b>Details</b>	<b>Month / Year</b>
<b>As Speaker: Expert Webinar Lecture (Delivered)</b>	Topic: Building Planning & Drawing, organized by Civil Engineering Department, Government Polytechnic, Ahmedabad.	7 <sup>th</sup> June 2020
<b>GATE- 2015</b>	Qualified: GATE Examination with Score 359.	27 <sup>th</sup> March 2015
<b>Tremor Terror</b>	Participated: Event held in GTU Tech-Fest at L. D. College of Engineering, Ahmedabad.	4-5 <sup>th</sup> April 2014
<b>Tacheometric Survey</b>	Participated: Technical Tour for Tacheometric survey at Ambaji.	April 2013

**Expert Lectures Attended: -**

<b>Expert / Speaker</b>	<b>Topic</b>	<b>Month / Year</b>
Prof. (Dr.) Bhavesh P. Patel, Ganpat University	“Prerequisites and Planning of Ph. D. Research”	29 <sup>th</sup> Feb 2020
Prof. (Dr.) Ashish Verma (IISC - Bangalore)	“The Kumbh Mela Experiment (KME)” - “Concept of measuring and understanding the dynamics of mankind’s largest crowd in the world” at ACPC Building, Ahmedabad.	17 <sup>th</sup> March 2017
Mr. Bhavin Parmar (Sr. Manager, IL&FS)	“Concept of Road design and analysis using MX Road software” at LD College of Engineering, Ahmedabad.	4 <sup>th</sup> March 2017
Prof. S. K. Jason Chang (National Taiwan University)	“Smart Transportation System - Taipei” at Nirman Bhavan - GICEA, Law Garden, Ahmedabad.	12 <sup>th</sup> Jan 2017
Prof. (Dr.) S. L. Dhingra (IIT – Bombay)	“Planning for Smart and Beautiful Cities with Sustainable Infrastructure” at LD College of Engineering, Ahmedabad.	7 <sup>th</sup> Dec 2016

## **PROFILE**

**Mr. Rasikkumar Makwana** is currently working as an Assistant Professor in Civil Engineering Department in Gujarat Power Engineering & Research Institute (GPERI) (GTU – GSET) since 8<sup>th</sup> October 2021. He has completed his B.E. Civil in June 2015 and M.E. Civil (Transportation) Engineering Degree in December 2019 both from L. D. College of Engineering (GTU), Ahmedabad. He has completed CCC Course in March 2016. He has Qualified the GATE Examination with score 359 in 2015. He has 2 years & 8 Months Teaching Experience with Ganpat University, Mehsana and Arun Muchhala Engineering College-Dhari, Amreli. He has Published 1 Research Paper in UGC-CARE Approved Group-A Journal and Presented 1 Research Paper in International Conference "SWARDAM-2021" (8-9 March, 2021). He has delivered one online Expert Webinar Lecture at Government Polytechnic, Ahmedabad. He has Participated and Attended in 19+ Faculty Development Programme (FDP), 12+ Short Term Training Programme (STTP), 7 Workshops, 5 Conferences, 1 GTU Tech-Fest Event and in 1 Tacheometric Survey (Technical Tour) and many Webinars. He has completed 2 Certificate Courses and more than 20 Online Courses related to Civil Engineering and other fields on various platform like Udemy, Coursera & TATA Steel. He has Visited 6 different Institutes, Plants and Places as a Technical Visits during his Education. Also He has Attended 5 Expert Lectures of Very Well-known Professors who belongs to IIT, IISC, and Foreign University. His Research Interest area belongs to Highway & Transportation Engineering, Traffic Engineering, Urban Planning, Hydrology & Water Resources Engineering, Concrete Technology (RCC) and also other Civil Engineering Subjects.