



# DR. MAMTA PATEL

## Assistant Professor

GES Class II (Government of Gujarat)

Department of Statistics

Gujarat Commerce College, Ahmedabad

### HIGHLIGHTS OF QUALIFICATIONS

- Wide experience in teaching assigned subjects in Colleges and Universities
- Sound knowledge of instructional techniques
- Exceptional knowledge of student assessment practices
- Familiarity with web technologies used for teaching purposes
- Proficient with research programs
- Ability to develop course curriculum
- Ability to teach students from diverse backgrounds
- Ability to mentor doctoral and masters level students

### EDUCATIONAL BACKGROUND

- 2022 Silver Oak University, **M.B.A., Major: O.M.**
- 2017 Gujarat University, **Ph.D., Major: Statistics**
- 2008 Gujarat University, **M.Phil, Major: Queuing theory, Statistics**
- 2005 Gujarat University, **M.Sc., Major: Statistics**
- 2003 Gujarat University, **B.Sc., Major: Statistics**

### WORK EXPERIENCE

- **Assistant Professor (GES Class II)**  
Gujarat Commerce College, Ahmedabad (Currently working with)
- **Assistant Professor and Departmental Head**  
Ahmedabad Arts and Commerce College, Vasna, Ahmedabad
- **University Professor, Program Coordinator and Departmental Head**  
Silver Oak University, Ahmedabad
- **Assistant Professor and Departmental Head**  
Aroma College of Commerce, Ahmedabad

- **Guest Faculty**  
H. L. PG center, Ahmedabad
- **Guest Faculty**  
GLS University, Ahmedabad
- **Guest Faculty**  
School of Commerce, Gujarat University, Ahmedabad
- **Guest Faculty**  
School of sciences, Department of statistics, Gujarat University, Ahmedabad
- **Academic and co-curricular work**  
Worked as Examiner, Paper setter, and committee members and committee coordinators of various academic, cultural, co-curricular activities and outreach programs of various institutes. Conducted viva voce at different campuses for the papers related to statistics and allied subjects. Active Participation in the placement procedures of different institutes and University.

## PUBLICATIONS

### Research papers:

- Tobacco consumption patterns in Laborers of Ahmedabad, International Journal of Science and Research, Volume 5, Issue 4, April 2016, 2319-7064.
- Tobacco abuse in adolescents and young adults of Ahmedabad and pertinent epidemiologic measures, Indian Journal of Research, Volume 5, Issue 4, April 2016, 2250-1991.
- Age of Onset (initiation) of Daily Tobacco Consumption in Adults of Ahmedabad, International Journal of Scientific Research in Science, Engineering and Technology, Volume 2, Issue 2, March-April-2016, 2394-4099.
- Frequencies of Consumption of Tobacco Products and Multinomial Logistic Regression: A Study of Metro City Ahmedabad, Indian Journal of Research, Volume 5, Issue 2, Feb 2016, 2250-1991.
- Effects of socio-demographic factors, awareness and perceptions of users on their willingness to quit smoking in adult smokers of Ahmedabad, International Journal of Multidisciplinary Research and Development, Volume 3, Issue 8, August 2016, (Online) 2349-4182, (Print) 2349-5979.
- Ill effects of first and second hand exposure of smoke of tobacco, International Journal of Advanced and Innovative Research, Volume 7, Issue 6, June 2018, 2278-7844.
- Chewing tobacco and willingness to quit its deadly habit in male users, Research Guru Online Journal of Multidisciplinary Subjects, Volume 12, Issue 2, September 2018, 2349-266X.
- Consumption patterns of combusting tobacco in male participants of Ahmedabad, Research Review International Journal of Multidisciplinary, Volume 3, Issue 7, July 2018, (Online) 2455-3085.
- Initiation of habit of daily consumption of non-combusted tobacco products and male population and logit model, Journal of Emerging Technologies and Innovative Research, Volume 5, Issue 7, July 2018, (Online) 2349-5162.

- Prevalence and predictors of use of easily available street drug among female population of Ahmedabad, International Journal of Research and Analytical Reviews, Volume 5, Issue 3, July- Sept 2018, (Online) 2348-1269, (Print) 2349-5138.

### **Books/Chapters:**

- Probability and Discrete Probability Distributions, Sudhir Prakashan, ISBN: 978-93-84418-03-8
- Descriptive Statistics, Sudhir Prakashan, ISBN: 978-93-94444-84-3
- Statistics-VI, B.Com. Sem-VI, Sudhir Prakashan, ISBN: 978-93-84418-02-1
- Statistics-V, B.Com. Sem-V, Sudhir Prakashan, ISBN: 978-93-84418-02-1
- Statistics-III, B.Com. Sem-III, Sudhir Prakashan, ISBN: 978-81-923609-1-1
- Statistics-II, B.Com. Sem-II, Sudhir Prakashan, ISBN: 978-93-84418-03-8
- Fundamental Statistics-IV, Sudhir Prakashan
- Operations Research, B.Com. Sem-II, HPH, ISBN: 978-93-84418-02-1
- Logistic Regression Analysis and Prevalence of Tobacco Consumption, Chirag Publication, ISBN: 978-93-86428-17-2
- Ill effects of consumption of tobacco: A statistical view, Chirag Publication, ISBN: 978-93-86428-22-6
- Multinomial Logistic Regression and frequencies of consumption of tobacco products, Chirag Publication, ISBN: 978-93-86428-18-9
- Willingness to quit tobacco and successful cessation in Ahmedabad: A statistical help to quitters, Chirag Publication, ISBN: 978-93-86428-21-9
- Age of onset of daily tobacco consumption: A Statistical Picture, Chirag Publication, ISBN: 978-93-86428-20-2

### **PRESENTATIONS**

- “TOBACCO”, presented in Vigyan Parishad Science excellence 2011
- “Tobacco: Habit, Health and Hazard”, presented in International Conference on Applied Mathematics and Statistics-2011

### **CONFERENCES ATTENDED**

- 25th Annual conference of Gujarat Statistical Association organized by B.P. College of Computer Studies, Gandhinagar-October 2006
- UGC Sponsored National Level Seminar on Recent Trends in Bio-Medical Statistics organized by Department of Statistics, Gujarat University, Ahmedabad- Feb 2007
- Seminar on Role of Statistics on Socio Economic Planning jointly organized by Directorate of Economics and Statistics, Govt. of Gujarat and Department of Statistics, Gujarat University, Ahmedabad- June 2007
- Seminar on “Sangharsh thi safalata: Sopan “organized by CWDC of Smt. S.R. Mehta Arts College, Ahmedabad-Dec 2007
- National Seminar on Impact of Statistics on Science and Society organized by Department of Statistics, M.G. Science institute, Ahmedabad-Feb 2010

- Vigyan Parishad Science Excellence organized by Department of Botany, Gujarat University, Ahmedabad-Jan 2011
- Seminar on “Women’s empowerment challenges ahead” organized by W DC, Gujarat University, Ahmedabad-March 2011
- International Conference on “Applied Mathematics and Statistics” organized by the Department of Mathematics and Statistics, Gujarat University, Ahmedabad-Dec 2011
- Seminar on “Women’s empowerment through economic independence” organized by W DC, Gujarat University, Ahmedabad-March 2012
- National Conference on Emerging Trends in Applied Statistics organized by GSA and H. L. College of Commerce, Ahmedabad-March 2012
- UGC Sponsored a State Level Seminar on Advances in Mathematical Sciences organized by K. K. Shah Jarodwala Maninagar Science College, Ahmedabad- Feb 2015
- State Level conference on Statistical Theory and its applications, organized by Government Commerce College, Gandhinagar, Feb-2024

## **OP/RC/FIP/FDP ATTENDED**

- UGC sponsored Orientation Program organized by ASC Gujarat university Ahmedabad, Nov 2011.
- Online webinar “Personal Financial Planning” organized by C.U. Shah Arts College, Ahmedabad, June 2020.
- R training organized at IMS NOIDA offered by IIT BOMBAY and funded by the National Mission on Education through ICT, MHRD, Government of India, January 2020
- Online webinar “TEACHER – THE TORCHBEARER” organized by CDC, GOKUL GLOBAL UNIVERSITY, March 2023.
- Online webinar “Time and Stress Management” organized by KCG, GOG, March 2023.
- Online webinar “Women Rights” organized by KCG and education department, GOG, March 2024, under the initiative TEERTH.
- Online webinar “The value of ChatGPT in Teaching and Learning” organized by KCG and education department, GOG, March 2024, under the initiative TEERTH.
- Online webinar “21<sup>st</sup> century Education understanding & implementation of NEP” organized by KCG and education department, GOG, June 2024.

## **E CONTENT**

- Sandhan lectures on website of Sandhan.
- Video lectures on website of silver oak university.