



Personal & Academic Profile

**Name:** Dr. DILIP MURLIDHAR PATIL  
**Designation:** Associate Professor- Department of Mathematics & Statistics  
**Name of the institute:** **JASHBHAI MAGANBHAI PATEL COLLEGE OF  
COMMERCE, off M.G.Road Goregaon (W) Mumbai-90**  
**Teaching Experience:** 30 years (1989 onwards)  
**Subject Taught:** Mathematical & Statistical Techniques, Operational Research,  
Quantitative Techniques  
**Date of Birth:** 6<sup>th</sup> Feb 1966  
**Marital Status:** Married  
**Residential Add:** A-502, Brahmcharini, Jangid Apt, nr Bk of India, Shanti Park,  
Mira Road (E) Thane-401107 Maharashtra, India  
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**Email-ID:** [dilippatil0602@gmail.com](mailto:dilippatil0602@gmail.com)  
**Educational Qualification:** M.Sc. (Statistics) Ph.D., **P.G.D.O.R.M.**

**Publications:**

1. Co-author of the text book for T.Y.B.M.S. class in the subject of **‘OPERATIONS RESEARCH’**
2. **14 research papers in journals with ISSN number in UGC listed and peer reviewed journals**
3. **5 papers presented in seminars & conference proceedings**

**Research Experience:**

1. Minor Research Project- Completed a Minor Research Project on ‘Economic Efficiency of Highly Cultivated Banana crop w.r.t. Water and Electricity supply in JALGAON district of Maharashtra’ Sponsored by University of Mumbai

2. Successfully completed PhD in the subject of Statistics from '**Shri. Jadishprasad Jhabarmal Tibarewala University.**, Jhunjhunu Rajasthan.
3. Evaluated the thesis titled "**MATHEMATICAL APPROACH IN SELECTION OF THE CANDIDATE IN ELECTION**" submitted to Shri. Jagdishprasad Jhabarmal Tibarewala University, Jhunjhunu Rajasthan for award of Ph.D.

### **Recognition & Award:**

- Recognized guide in the subject of STATISTICS for **Shri. Jadishprasad Jhabarmal Tibarewala University.**, Jhunjhunu Rajasthan.
- Recognized Post-graduate teacher in the subject of STATISTICS for **University of Mumbai w.e.f. July 2019**
- Worked as the chairperson of paper setter committee for BBA Examinations at NMIMS University, Mumbai
- Received 'Best paper presentation' at the National conference organized by Golwala College Ghatkopar Mumbai.
- Chaired technical session at the National **Level Interdisciplinary Seminar** on "Exploring Emerging Trends and Innovation in Research in Commerce, Science & Technology, Humanities and Social Sciences"
- Delivered a talk on 'ERRORS IN HYPOTHESIS' in the National Level Interdisciplinary Seminar on "Exploring Emerging Trends and Innovation in Research in Commerce, Science & Technology, Humanities and Social Sciences"
- Conducted a workshop on 'Statistical Techniques for Research Methodology' for BMS students of CHETANA College Bandra
- Delivered a talk on 'Path to career in Mathematics & Statistics' for the B.Sc. students of THAKUR college Kandivali

### **Workshops/Conferences/Conclave organized:**

1. One Day Workshop on "Revised Syllabus in Mathematical & Statistical Techniques of F.Y.B.Com."
2. Half Day Workshop on 'Question Paper pattern' (75-25 evaluation scheme) in the course of 'MATHEMATICAL & STATISTICAL TECHNIQUES' at F.Y.B.Com programme
3. Organized a 'Research Conclave' on "Management of Environment with special reference to India"
4. One Day National Conference on 'DEMOGRAPHIC SHIFT - ROAD TO SUSTAINABLE DEVELOPMENT' sponsored by ICSSR Mumbai

### **Workshops/Conferences attended: 11**

**Administrative experience:**

- a. Worked as the 'In-Charge Principal' in the college for the period 16<sup>th</sup> Dec 2017 to 27<sup>th</sup> Feb 2018
- b. **NSS programme officer for 5 years: 1992-1997**
- c. **Chairperson of college examination for last 12 years: 2008-2018**

**Contribution in University level work:**

- a. Appointed as subject expert in the process of staff-selection in the University affiliated colleges for the subject of Statistics & Mathematics
- b. Worked as examiner, moderator and paper setter at the University level examinations

**Area of interest:**

- a. Applications of Statistics in Marketing & Management
- b. Research Methodology & Testing of Hypothesis
- c. Operations Research

**Hobby:**

- a. Reading
- b. Walking

**Spiritual achievement:**

- a. Completed 38 days 'Narmada Parikrama' during the period 15<sup>th</sup> Oct to 22<sup>nd</sup> Nov 2017

**Research Publications:****A. Conferences proceeding publications (National)**

1. Presented a paper on '**Challenges and Opportunities of Increasing Profitability of Banana crop in Jalgaon District of Maharashtra**' in the UGC sponsored National Level Seminar on "Global Food Crises and India"
2. Presented a paper on "**Errors in Hypothesis Testing & Their Interpretation: A case study approach**" in the National Seminar on the applications of Mathematics at CKT College Panvel
3. Presented a paper on 'Migration and Women Empowerment: Study of Working Women in Mumbai' published in the conference proceeding with ISBN: 978-81-928786

B. Journal publications

Sr. No	Title with page nos.	Journal	ISSN No.	Whether peer reviewed. Impact Factor, if any
1	<b>Errors in Hypothesis testing &amp; their interpretation</b> pp-25-33	Centum: International Journal of Research Vol 8(1) July-Dec-2015	ISSN 2231-1475	No
2	Low Sex Ratio In Maharashtra An Alarming Situation pp-58-64	Management Guru: Journal of Management Research”, VOL. IV/ Issue No. 2/ Nov-Dec-Jan 2015-16/ Special Issue Part-II	ISSN 2319-2429	No
3	<b>Reporting Errors In Hypothesis Testing- A p-Value Approach</b> pp-128-130	International Journal of Research- VOL. 5(2)-Jan 2016	ISSN 2231-6124	BLIND PEER REVIEWED
4	Dimensions of women’s autonomy and family influence:-a statistical study pp-1472-1477	<b>International Journal of Science and Research (IJSR) Index Copernicus Value (2013): 6.14  , Vol-5 Issue-10 Oct 2016</b>	<b>ISSN Online): 2319-7064</b>	PEER REVIEWED <b>Impact Factor (2015): 6.391</b>
5	<b>Significance of religion in occupation pattern and financial decision-making of working women -a statistical perception</b> pp-1234-1238	<b>International Journal of Science and Research (IJSR) Volume 5 Issue 12, Dec 2016</b>	<b>ISSN (Online) 2319-7064</b>	PEER REVIEWED <b>Impact Factor (2015): 6.391</b>
6	<b>Women empowerment as a function of transformation of India a statistical study of working women in Mumbai (sub)</b> pp-311-315	<b>International Scholarly Research Journal for Interdisciplinary studies. 20 Jan 2017</b>	<b>ISSN: 2319-4766 UGC approved 45269</b>	Peer reviewed <b>Impact factor: 5.403</b>
7	<b>Impact of education &amp; economic empowerment in women’s autonomy &amp; decision-making power-a statistical study of working women in Mumbai (suburb)</b> pp-40-47	International Journal of Advance Research and Innovative Ideas in Education Vol-2 Issue-3, 11Feb 2017	<b>IJARIIIE- ISSN(O): 2395-4396</b>	Peer reviewed
8	<b>Role of employment and asset holding in freedom of movement and social participation women of</b> pp-239-250	International Peer reviewed Qly Scholarly Research Journal for Interdisciplinary Studies	<b>ISSN: 2278-8808</b>	Peer reviewed UGC Approved 49366 Impact factor: 6.177
9	<b>IMPACT OF RELIGION &amp; EDUCATION LEVEL ON FINANCIAL AUTONOMY OF WORKING WOMEN</b>	Scholarly Research journal for interdisciplinary studies Jan-Feb 2018 Vol-4 Issue	<b>ISSN: 2278-8808</b>	Peer reviewed UGC Approved 49366 Impact factor: 6.177

	<b>pp-185-193</b>	38		
10	AUTONOMY TO WOMEN IN DECISION MAKING - A STATISTICAL STUDY OF WOMEN IN MUMBAI <b>PP-792-799</b>	<b>Journal of Emerging Technologies and Innovative Research (JETIR), UGC and ISSN Approved July-2018</b>	<b>ISSN-2349-5162 Impact Factor: 5.87</b>	<b>International Peer Reviewed, Open Access Journal</b>
11	FINANCIAL AUTONOMY TO WOMEN FROM SOCIO-RELIGIOUS GROUPS- A STATISTICAL STUDY <b>PP. 31-36</b>	<b>International Journal of Advance Research in Computer Science and Management Studies Volume 6, Issue 7, July 2018</b>	<b>ISSN: 2321-7782 (Online) Impact Factor: 7.327 UGC Approved-45629</b>	<b>International double blind peer Reviewed, Open Access Journal</b>
12	SIGNIFICANCE OF EDUCATION & PAID EMPLOYMENT IN THE 'FINANCIAL AUTONOMY' TO WOMEN IN MUMBAI CITY	<b>International Journal of Scientific Research in Computer Science Applications and Management Studies</b>	<b>ISSN: 2329-1953 (Online) UGC approved Global Impact Factor: 0.654</b>	<b>Peer reviewed</b>
13	Application of chi-square test in social science research pp-1-7	<b>International Journal of Advance Research in Computer Science and Management Studies Volume 6, Issue 8, Aug 2018</b>	<b>ISSN: 2321-7782 (Online) Impact Factor: 7.327 UGC Approved-45629</b>	<b>International double blind peer Reviewed, Open Access Journal</b>
14	IMPORTANCE OF ECONOMIC EMPOWERMENT IN FAMILY DECISION MAKING OF WOMEN –A STATISTICAL STUDY OF WOMEN IN MUMBAI pp- 98-103	<b>International Journal of Advance &amp; Innovative Research Vol-5, Issue-3(VI) July-Sep2018</b>	<b>ISSN: 2394-7780 (Online) Impact Factor: 3.25 UGC Approved-63579</b>	<b>International double blind peer Reviewed, Open Access Journal</b>