



**ATUL DATTATRAY KOLTE**

**Designation: Teaching Assistant Mathematics**

**Mobile No:** - +91-9638513884

**Email:** - atulkolte@ymail.com

**School:** School of Technology

**Research Interest:** Differential Equations, Calculus

**Academic Background:**

**Bachelor of Science (Mathematics) :-** The Maharaja Sayajirao University of Baroda

**Master of Science (Mathematics) :-** The Maharaja Sayajirao University of Baroda

**M.Phil (Mathematics) :-** Veer Narmad South Gujarat University of Surat

**Professional Experience:**

SR. No	Organization	Designation	Join Date	Last Date	Total Experience
1.	GSFC University,	Teaching Assistant	06/07/2019	Continue	3 year
2.	Parul University	Lecturer	01/01/2019	19/06/2019	5 Month & 19 Days
3.	Gujarat Technological University – (Vadodara Institute of Engineering)	Asst. Professor	09/08/2010	29/08/2018	8 Year & 20 Days

**Publication:**

**1 Title:**

**Solution of Partial Differential Equation by Undetermined Coefficients Method.**

Published in:

International journal of Engineering and Innovative Technology . **Mar-2015.**

**2 Title:**

**Mathematical Formulation of Pressure Distribution Over Gasket.**

Published in:

International journal of Research In Science & Engineering. **Jan-2017.**

### 3 Title:

#### **A Weighted Residual Method for Numerical Result of Integral Differential Equation of Second Order by using Piecewise Polynomial.**

Published in:

The journal of Vadodara institute of Engineering. Aug-2017

### **Teaching Engagements:**

Title	Course Code	Class Name	School Name
Mathematics-I	BTMA103	B.tech_Computer Science Engineering	SOT
Mathematics- I	BSMA105	B.Sc_Biotechnology , B.Sc_Chemistry	SOS
Mathematics-II	BTMA203	B.Tech_Chemical Engineering	SOT
Mathematics-III	BTC301	B.Tech_Chemical Engineering	SOT
Mathematics for Specialization	BTCS401	B.Tech_Computer Science	SOT
Numerical Methods in Engineering	BTCH404	B.Tech_Chemical Engineering	SOT

1. Calculus
2. Vector calculus & Lineal algebra
3. Advance engineering mathematics for higher engineering
4. Complex variable & Numerical mathematics
5. Numerical & Statistical methods for computer & IT
6. Numerical & Statistical methods for civil engineering

### **Awards/Recognitions:**

1. Create magic in the classroom for students engagement, 29<sup>th</sup> July 2020.
2. Application of mathematics in engineering, KPR Institute of Engineering And Technology,Coimbatore.
3. Create magic in the classroom for stuents' engagement , 29<sup>th</sup> July, 2020 at Krantiguru Shyamji Krishna Verma Kachchh University.
4. Cloud computing webinar, 1<sup>st</sup> Aug,2020.
5. Five days short term training programme on" Mordern Mathematics Tools in Calculus and Analytics" organized by Department of science and Humanities(Mathematics), Kumaraguru College of Technology, Coimbatore, from 10 to 14 Ayggust 2020.
6. Seminar on Game Theory & Applications.V.I.E.
7. Seminar on Optimization Techniques for Engineers & Researchers.V.I.E.
8. Seminar on Recent Trends in Differential Equations & Numerical Methods.V.I.E.
9. National Conference of Applied Mathematics at Parul institute of engineering & Technology limda.
10. Workshop on Scope of Research in Applied Mathematics at V.G.E.C. Chandkheda.
11. Workshop on Latex-An Efficient Documentation Tool at M.S.U.Baroda.
12. Workshop on Essential Skills for 21<sup>st</sup> Century Researcher at L.D.Engineering College, Ahmedabad.
13. Workshop on Latex for preparation of Mathematical Document & Beamer Presentation at V.I.E.
14. Participation in the Mathematics in Industry, Medicine, Commerce & Plant Sciences Study Group Meeting at Department of Applied Mathematics, Faculty of Technology & Engineering, M.S.U.Baroda.
- 15.Participation in the Research Meet 2011, Department of Applied Mathematics, Faculty of Technology & Engineering, M.S.U.Baroda.