<table>
<tr><td>Name</td><td colspan="4">Dr.C. DHINESH KUMAR</td></tr>
<tr><td>Contact (office)</td><td colspan="4">Assistant Professor in Mathematics<br>Department of Science and Humanities<br>M.I.E.T. Engineering College<br>Trichy.</td></tr>
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<tr><td rowspan="9">Educational Qualifications</td><td>DEGREE</td><td>EDUCATIONAL INSTITUTION</td><td>BOARD/ UNIVERSITY</td><td>YEAR OF PASSING</td></tr>
<tr><td>Ph.D., (Mathematics)</td><td>Bishop Heber College,Trichy</td><td>Bharathidasan University</td><td>2022</td></tr>
<tr><td>UGC -State Eligibility Test (SET) Qualified</td><td>Mother Teresa Women’s University, Kodaikanal</td><td>Mother Teresa Women’s University</td><td>2017</td></tr>
<tr><td>M.Phil., (Mathematics)</td><td>St. Joseph’s College, Trichy</td><td>Bharathidasan University</td><td>2014</td></tr>
<tr><td>M.Sc., (Mathematics)</td><td>Jamal Mohamed College, Trichy</td><td>Bharathidasan University</td><td>2013</td></tr>
<tr><td>PGDCA</td><td>Bharathiyar University, Coimbatore</td><td>Bharathiyar University</td><td>2012</td></tr>
<tr><td>B.Ed.,</td><td>Institute of Education, Trichy</td><td>Tamilnadu Teachers Education University</td><td>2011</td></tr>
<tr><td>B.Sc., (Mathematics)</td><td>Jamal Mohamed College, Trichy</td><td>Bharathidasan University</td><td>2010</td></tr>
<tr><td rowspan="4">Professional Career Profile</td><td>Organization</td><td>Designation</td><td>Date of Joining</td><td>Duration of work</td></tr>
<tr><td>Srinivasan College of Arts and Science, Perambalur</td><td>Assistant Professor</td><td>16.06.2014</td><td>04.05.2015</td></tr>
<tr><td>Christhu Raj College, Trichy</td><td>Assistant Professor</td><td>08.06.2015</td><td>26.08.2016</td></tr>
<tr><td>M.I.E.T. Engineering College</td><td>Assistant Professor</td><td>07.06.2022</td><td>Till Date</td></tr>
<tr><td>Awards & Recognitions</td><td colspan="4">NIL</td></tr>
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|---|---|
| **Membership in Professional Bodies** | NIL |
| **Academic Areas of Interest** | Differential Equations, Delay Differential Equations, Numerical Methods |
| **Administrative Capabilities** | NIL |

## LIST OF PUBLICATIONS

1. A. Emimal Kanaga Pushpam and **C. Dhinesh Kumar**, Mahgoub decomposition method for solving nonlinear delay differential equations, *International Journal of Research in Advent Technology*, 47-49, 2019.

2. A. Emimal Kanaga Pushpam and **C. Dhinesh Kumar**, Kamal decomposition method for solving nonlinear delay differential equations, *Bulletin of Pure and Applied Sciences Section E-Math. & Stat.,* 38E (1): 231-234, 2019.

3. **C. Dhinesh Kumar** and A. Emimal Kanaga Pushpam, A combined method of an integral transform and adomian decomposition method for solving nonlinear pantograph delay differential equation, *International Journal of Research and Analytical Reviews*, 6(1): 156-159, 2019.

4. **C. Dhinesh Kumar** and A. Emimal Kanaga Pushpam, Mohand decomposition method for solving nonlinear pantograph delay differential equations, *Journal of Emerging Technologies and Innovative Research*, 6(2): 264-267, 2019.

5. **C. Dhinesh Kumar** and A. Emimal Kanaga Pushpam, Higher order derivative Runge-Kutta method for solving delay differential equations, *Advances in Mathematics: Scientific Journal*, 3: 26-34, 2019. **(Scopus)**

6. **C. Dhinesh Kumar** and A. Emimal Kanaga Pushpam, Two-Stage Multiderivative Runge-Kutta method for delay differential equations, *Advances in Mathematics: Scientific Journal*, 3: 1293-1299, 2020. **(Scopus)**

7. **C. Dhinesh Kumar** and A. Emimal Kanga Pushpam, Third order inverse Runge-Kutta method for solving delay differential equations, *The International Journal of analytical and experimental modal analysis*, 13:665-672, 2021. (UGC-Care Group II)

8. **C. Dhinesh Kumar** and A. Emimal Kanga Pushpam, Fourth order inverse Runge-Kutta method for solving delay differential equations, *Compliance Engineering Journal*, 12:117-125, 2021. (UGC-Care Group II)

9. **C. Dhinesh Kumar** and A. Emimal Kanga Pushpam, Integral Transform-Based Decomposition Methods for Delay Differential Equations, *Compliance Engineering Journal*, 12:319-326, 2021. (UGC-Care Group II)

10. A. Emimal Kanaga Pushpam and **C. Dhinesh Kumar**, Application of Inverse Runge-Kutta Method for Solving Infectious Disease Model with Delayed Immune Response, *International Journal of Analytical and Experimental Modal Analysis*, 13:1197-1205, 2021. (UGC-Care Group II)

## SEMINAR/WORKSHOP/TRAINING PROGRAM

1. UGC-SAP sponsored National Workshop on Differential Equations and Applications from 09.03.2017 to 10.03.2017 at Department of Mathematics, Periyar University, Salem.

2. 31st Annual Conference of the Ramanujan Mathematical Society from 18.06.2016 to 21.06.2016 at National College, Tiruchirappalli.

3. UGC sponsored One Day National Seminar on Discrete Mathematics and its Applications, March 2013 at Jamal Mohamed College, Tiruchirappalli.

## INTERNATIONAL CONFERENCE

1. International Conference on Applied Mathematics and Bio-Inspired Computations, 10 and 11 January 2019, Bishop Heber College, Tiruchirappalli, Tamilnadu, India.

2. International Conference on Mathematical Methods and Computation, 20 and 21 February 2019, Jamal Mohamed College, Tiruchirappalli, Tamilnadu, India.

3. International Conference on New Trends in Mathematical Modeling with Applications, 29 and 30 July 2019, Sri Vidya Mandir, Arts and Science College, Krishinagiri, Tamilnadu, India.

4. International Conference on Recent Advances in Pure and Applied Mathematics, 27 and 28 August 2019, Raja Doraisingam Government Arts College, Sivagangai, Tamilnadu, India.