

**Bio-Data Dr.W.K.Dange**



**Name : Dr. Warsha K. Dange**

**Department : Department of Mathematics**

**Shree. Shivaji Arts Commerce and Science College , Rajura.**

**Total Teaching Experience : 21 years**

**Date of Birth :22/09/1974**

**Qualifications : M.Sc. B.Ed. Ph.D.**

**Date of Appointment :03/07/2000**

**Mobile No. : 9420869931**

**E-Mail:warsha.dange@rediffmail.com**

**❖ Minor Research Project:**

**Completed Minor Research Project entitled "Study Of Some Thermoelastic Problem In Solids "year 2014-15**

**Principal Investigator: Dr. Warsha K. Dange**

❖ **Member of committees:**

- **Member of Board of Studies of subject Mathematics, Gondwana**

**University, Gadchiroli**

- **Life Membership Of Indian Academy Journal, Indore since from 15<sup>th</sup> June 2012**
- **As member of LEC committee** for affiliation of post of graduate department of Mathematics at Anand Niketan College ,Warora on date **27/11/2014** .
- **As subject expert for selection committee** at Chintamani College Pomphurna on date **27/02 /2015**.

❖ **Papers Presented In International Conferences:**

[1] **Warsha K. Dange** , “Two-Dimensional Transient Thermoelastic Problem For A Thick Annular Disc”,**International Conference On Mathematical Science, December 28-31, 2012.**

[2] **Warsha K. Dange** , “Two-Dimensional Transient Thermoelastic Problem For A Hollow Cylinder “,**International Conference On Recent Advances In Mathematics(ICRAM 2014) ,January 20-23,2014**

❖ **List Of Research Papers Published :**

[1] **Warsha K. Dange, TWO DIMENSIONAL TRANSIENT THERMOELASTIC PROBLEM OF SEMI– INFINITE SOLID CIRCULAR CYLINDER** International Research journal of science and engineering 7<sup>th</sup> February, 2020 A7:305-315 SJIF impact factor 6.68

- [2] **Warsha K. Dange, THERMOELASTIC PROBLEM OF SOLID CIRCULAR CYLINDER DUE TO RAMP TYPE HEATING**, Proceedings of National Conference on Recent Trends in Mathematics ISBN: 978-81-930336-1-6 February 2019 page no 125-134.
- [3] **Warsha K. Dange**, “Two-Dimensional Transient Thermoelastic Problem Of A Annular Disc Due To Radiation ”International Journal Of Mathematics Trends And Technology- Volume17,Issue1-**January 2015**.(Impact factor =1.469, ICV=3.86)
- [4] **Warsha K. Dange**, “Two-Dimensional Transient Thermoelastic Problem For A Hollow Cylinder With Internal Heat Generation” International Journal Of ScienceAndResearch (IJSR), Volume 4, Issue 1,**January 2015**.(Impact factor =**4.438**, ICV=6.14) 2319-7064 , **peer reviewed , International International**
- [5] **Warsha K. Dange**, “Three Dimensional Inverse Transient Thermoelastic Problem Of A Square Plate” International Journal Of Science And Research (IJSR), Volume 4, Issue 2, **February 2015**. (Impact factor =4.438, ICV=6.14) 2319-7064 , **peer reviewed , International**
- [6] **Warsha K. Dange** , “Thermal Stresses Of Two-Dimensional Transient Thermoelastic Problem For A Hollow Cylinder”, International Journal Of Engineering And Innovative Technology (IJEIT), Volume 4, Issue 6, **December 2014**. (Impact factor =2.137 ) 2277-3754 **peer reviewed ,online international journal**
- [7] **Warsha K. Dange** , “Determination Of Thermal Stresses Of A Three Dimensional Transient Thermoelastic Problem Of A SquarePlate Under Unsteady Temperature Field” International Journal Of Physics And

Mathematical Sciences , Issn: 2277-2111 (Online) 2014 Vol. 4 (1) ,**January-April, Pp.34-40/Dange.( ICV=5.69) .Peer reviewed.**

[8] **Warsha K. Dange**, N.W. Khobragade, “Two Dimensional Transient Problem For A Thick Solid Circular Plate Due To Thermal Shock”, Far East Journal Of Applied Mathematics. Number **01/2011**; 53(1), pp 33-42 ,0972-0960 ,(Impact factor =**3.705ICV=6.98** )peer reviewed , international journal .

[9] **Warsha K. Dange**, N.W. Khobragade, , “Transient Thermoelastic Problem Of A Solid Circular Cylinder With Heat Radiations Due To Thermal Shock “The Journal Of The Indian Academy Of Mathematics. **01/2011**; 33(1) , 261-275 ,0970-5120.

[10] Warsha K. Dange, N.W. Khobragade, M.H. Durge” Deflection Of Isosceles Triangular Plate Under Unsteady Temperature Distribution” Ijam. International Journal Of Applied Mathematics. **01/2010**; 23(3),1311-1728 ,Peer reviewed .

[11] Warsha K. Dange, N.W. Khobragade, M.H. Durge “**Three Dimensional Inverse Transient Thermoelastic Problem of a Thin Rectangular Plate** “Ijam. International Journal Of Applied Mathematics. **2010**; 23(2),207-222 ,Peer reviewed .

[12] Warsha K. Dange , N.W. Khobragade, M.H. Durge ,”Deflection Of Isosceles Vibrating Triangular Plate”, International Journal Of Pure And Applied Mathematics. **01/2010**; 60(3) ,1311-8080 **Impact factor =3.49Peer reviewed , Scopus Indexed .**

[13] Warsha K. Dange, N.W. Khobragade,” Large Deflection Of A Thin Equilateral Triangular Plate”International Journal Of Pure And Applied Mathematics.

**01/2010; 60(3) 1311-8080 Impact factor =3.49Peer reviewed , Scopus Indexed .**

[14] Warsha K. Dange , N.W. Khobragade , "Three-Dimensional Inverse Steady-State Thermoelastic Problem Of A Thin Rectangular Plate" Bulletin Of The Calcutta Mathematical Society. **01/2009; 101(3).**

[15] Warsha K. Dange , Namdeo W. Khobragade, Vinod Varghese , "Two-Dimensional Transient Problem For A Thick Annular Disc In Thermoelasticity" ,Far East Journal Of Applied Mathematics. **01/2009; 34(2) 0972-0960 ,(Impact factor =3.705ICV=6.98 )peer reviewed , international journal .**

**❖ Seminars, Conferences, Symposia, Workshops Attended attended :**

1. **National conference** on "mathematics Key to the future development in Science " Organized by Sindhu Mahavidyalaya . Nagpur **01/02/2003 to 02/02/2003 .**
2. **National Seminar** on "Recent trend in mathematics (NSRTM) " Organized by Kamala Nehru Mahavidyalaya . Nagpur **11/01/2004**
3. **National Seminar** on "Recent Advances in mathematical Physics " Organized by Shree. Dnyanesh Mahavidyalaya Nawargaon**04/01/2004**
4. **International conference** on Relativity -**2005.** Organized by Amrawati University , Amrawati **11/01/2005 to 14/01/2005**
5. **State level Seminar** on "Recent trend in mathematics and their applications " (UGC Sponsored) Organized by Sardar Patel Mahavidyalaya . Chandrapur **21/03/2009.**
6. **CSIR Sponsoredconference** on "Gravitation theories and Astronomy, CGTA – 2009 " Organized by Nilkanthrao Shinde Science College Bhadrawati. **28/12/2009.**
7. **National conference** on "Novel Material and their Application (NCNMA-2010) " Organized by Nilkanthrao Shinde Science College Bhadrawati. **18/02/2010.**
8. **National Seminar on** "Relativity And Thermoelasticity " Organized by Department of Mathematics , Rashtrasant Tukdoji Maharaj Nagpur

University Nagpur **17,18 Feb 2012**

9. **Participation in international conference** on Mathematical Science organized by Shri. Shivaji Science College ,Nagpur. **28/12/2012 To 31/12/2012**

10. **Participation in one day workshop** on Maths on Newsyllabus of B.Sc. II/ M.Sc.II, Gondwana University, Gadchiroli organized by Mahatma Gandhi College ,Armori **15/09/2013**.

11 . **Attended University level one day workshop** on API Score **27/10 /2013** at FES Girls college , Chandrapur.

12. **Participation in International conference** on "Recent Advances in Mathematics" Organized by Department of Mathematics , Rashtrasant Tukdoji Maharaj Nagpur University Nagpur. **20/ 01 /2014 to 23/ 01 /2014**.

13. Attended "Vision 2006 **international Interdisciplinary Conference**" Organized by Dr. Babasaheb Gondwana University Teachers Association at Chandrapur **22,23 March 2014** .

14. Attended One Day state level Workshop on Academic performance Indicator(API) usage & Evaluation at S.P. College ,Chandrapur 12<sup>th</sup> August, 2018

15. One Day National Conference on Recent Trends in Mathematics Shree Shivaji Arts, Commerce & Science College, Rajura 16<sup>th</sup> February, 2019

16. Attended One Day University level Workshop on Discussion and Framing of CBCS syllabus of Mathematics for sem V & sem VI Arts Commerce & Science College , Tukum 29<sup>th</sup> April, 2019.

17. Attended One Day National Seminar on new National educational policy -2019 Dr. Babasaheb Ambedkar ,Gondwana University Teachers association ,Chandrapur 1<sup>st</sup> September, 2019

18. Attended One Day workshop on Revised NAAC Framework: Preparation And Documentation Shree Shivaji Arts, Commerce & Science College, Rajura 15<sup>th</sup> October, 2020

19. Attended National Conference on Recent Trends in Mathematical, Physical, Chemical, Library and Life Science 2020 at Nilkantharao Shinde Science and Arts College Bhadrawati 7<sup>th</sup> February, 2020

❖ **Refresher/Orientation Programme:**

- 1) **Orientation Programme**(UGC Sponsored )from**27/02/06 to26/03/06**  
atAcademic Staff College Rashtrasant Tukdoji Maharaj Nagpur University  
Nagpur
- 2) **Refresher Course** (UGC Sponsored) from **10/12/08 to30/12/08** at  
Academic Staff CollegeNagpur
- 3) **Refresher Course** (UGC Sponsored) from **06/02/2012to26/02/2012**at  
Academic Staff CollegeNagpur
- 4) **Refresher course** (UGC Sponsored) from **02/02/2015to22/02/2015**at  
Academic Staff College Nagpur

❖ **University Work:**

- **Chief supervisor of Rashtrasant Tukdoji Maharaj Nagpur University**  
Nagpur **winter 2012**
- **Chief supervisor of Gondwana University, Gadchiroli.**  
**Summer 2014**

**Books Publications:**

1. **B.Sc. Sem I, paper I : Elements of Calculus** ( Differential and Integral)  
ISBN :978-81-88763-32-0
2. **B.Sc. Sem IV, paper I : Elementary Number Theory**  
ISBN :978-81-88763-76-4

**Research related work (Ph. D. Supervisor/ Thesis evaluation) :**

- **Ph.D.Supervisor in the subject mathematics**  
**(GUG/Ph.D.Sup.Rec./613/2017)**
- **Subject Expert** for seminar in Ph.D. course work of the students  
registered for Ph.D. in Gondwana University Gadchiroli at Nilkantharao  
Shinde Science and Arts College Bhadrawati on 15/10/2018.

- **Subject Expert** for seminar in Ph.D course work of the students registered for Ph.D. in Gondwana University Gadchiroli at Nilkantharao Shinde Science and Arts College Bhadrawati on 17/10/2018.
- **Subject Expert for Online Ph.D. Viva-voce test of Ms.Shalu Barai at Gondwana University Gadchiroli on 06/08/2020.**

**Visits :**

- Given visit to **Library of The Journal Of Indian Academy Of Mathematics, Indore** on date 20/05/2012.
- Given visit to **Department of Mathematics, Dr.Babasaheb Ambedkar Marathwada University, Aurangabad** on date 18/02 /2015.