CURRICULUM VITAE

Name	:	Dr. Dadasaheb Rajaram Phadatare
Designation	:	Associate Professor
Organization	:	Department of Mathematics, Balasaheb Desai College, Patan. Dist. Satara, India (MS)
Date of Birth	:	December 30, 1969
Citizenship	:	Indian

Address for Communication:

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Educational Background :

- **Doctor of Philosophy** (Mathematics), Awarded on 29th August
  2019 Shivaji University, Kolhapur
  Thesis entitled "A Study of Spherically Symmetric Space-Times in Einstein-Cartan Theory of Gravitation"
  Guide : Prof. L. N. Katkar, Ex Head Dept. of Mathematics, Shivaji University, Kolhapur
- **Master of Science** (Mathematics),
  1990-1992 Shivaji University, Kolhapur
- Qualified State Eligibility Test (**SET)** (Mathematical Sciences), Nov. 2003.

Courses Taught:

- B. Sc Mathematics, M.Sc. Mathematics
- B. E. Engg. Mathematics, B. C. A.

Examination Work :

- Worked as Paper setter, Moderator, Examiner(Theory), Examiner(Practical) in Shivaji University.

Knowledge of Software and Programming Language

- Latex, SCILAB, C

Preparation of resource material
1. Power point presentations were prepared using Latex Beamer.
2. Laboratory practical manuals were prepared for B.Sc. II
3. Practical Problem Sheets were prepared for B.Sc.I and B. Sc. II

Development of e-learning material
1. Study material on Differential Calculus, Calculus, Differential Equations of B.Sc. I & Algebra-I & II, Analysis-I & II of B.Sc. II: Available on **Google Drive.**
2. Video lectures on Google Suit, Whatsapp:
   1) Differential Calculus
   2) Calculus
   3) Differential Equations
   4) Algebra-I & II
   5) Analysis-I & II.

Membership of academic bodies
- Life Member, All India Council for Technical Education (AICTE)
- Life Member, Shivaji University Mathematics Teachers Association (SUMS)

University Life
- Member, Board of Studies-Sub Committee, Shivaji University, Kolhapur
- Member of "LIC Committee" of Shivaji University Kolhapur

Other Responsibilities of the College
- Member of CDC
- Member of IQAC
- Convener of Student Development Cell
- Member of Admission Committee
- Member of Science Association
- Member of Competitive Examination
- Member of UGC Block Grant Planning Board

Current Research Interests
- General Relativity and Gravitation

Research Publications
1. L. N. Katkar, D. R. Phadatare, A study of Non-Riemannian Space, Bulletin of Kerala Mathematics Association, Vol. 13, no. 2, pp. 129-141, 2016. http://keralamathematicalassociation.in/doc/bkma_dec_2016.pdf#page=12
2. L. N. Katkar, D. R. Phadatare, Einstein-Cartan Relativity in 2-Dimensional Non-Riemannian Space, Global Journal of Pure and Applied Mathematics, Vol. 13, no. 9, pp. 5945-5960, 2017. https://www.ripublication.com/gjpam17/gjpamv13n9_116.pdf
3. L. N. Katkar, D. R. Phadatare, A static spherically symmetric solution in Einstein-Cartan theory of gravitation, Indian Journal of Physics, vol. 93, no. 4, pp. 543-552, 2018. **https://doi.org/10.1007/s12648-018-1312-3**

4. L. N. Katkar, D. R. Phadatare, Non-staic conformally flat spherically symmetric space-times in Einstein-Cartan theory, Chinese Journal of Physics, vol. 59, pp. 298-306, 2019. **https://doi.org/10.1016/j.cjph.2019.03.010**

5. L. N. Katkar, D. R. Phadatare, Weyssenhoff Fluid Sphere Models in Einstein-Cartan Theory, Canadian Journal of Physics, https://cdnsciencepub.com/doi/10.1139/cjp-2020-0597. 19 February 2021.

Role in Conferences/Seminars/Symposium/workshops:

	International	National	State	University
Paper Presentation	02	-	01	
Resource Person / Chair Person			05	10
Convener				06
Organizing Secretary				02
Member of Organizing Committee			01	

Participation in :
- Orientation Programme : 01
- Refresher Courses : 03
- Short term training programmes/ FDP : 04

Topics of interest for speech:
- Importance of Mathematics
- Scope of Mathematics
- Mathematics for Competitive Examination
- Great Mathematician Ramanujan
- Competitive examination

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