

BIODATA

(BRIEF INFORMATION)

Name of Faculty: Suryakant Shesharaoji Charjan
Institute: K. Z. S. Science College, Bramhni
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Department: Mathematics
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1. Educational Qualification:

B. Sc.: 2nd Division, March 1989, Institute of Science, Nagpur, R. T.M. Nagpur University, Nagpur
M. Sc.: 2nd Division, March 1992, Institute of Science, Nagpur, R. T.M. Nagpur University, Nagpur
M.Phil. : 1st division Periyar University, Salem (Tamilnadu)in Nov. 2007.

2. NET/SET Qualification: No

3. Teaching experience: UG 23 years

4. Designation: Asst. Professor

5. Doctorate:

Under the guidance of Prof./Dr. M. S. Borkar, Department of Mathematics, P.G.T.D. R.T.M. Nagpur University, Nagpur

Topic: “ *Study of Some Cosmological Models in Bimetric Theory of Gravitation*”

Awarded by RTM Nagpur University on 29/04/2010

Place of Research Work: Department of Mathematics, P.G.T.D. R.T.M. Nagpur University, Nagpur

6. Field of Research and Interest:

Field of Research: Theory of Relativity - - - - -

Research Interest: Bimetric Theory of Relativity

7. Research Project (UGC):

One UGC Research Project entitled “The Gravitational Fields in Bimetric Theory of Relativity” has been completed. Grant issued -1,10,000/-

8. Publications:

8.1. Number of papers published in peer reviewed journals:	13	--
8.2. Number of papers published in conferences/seminars/symposium:		
	National: Nil	--
	International: Nil	--
8.3. No. of Books Authored:		--
8.4. Books Edited:	Nil	--

9. Conferences/seminars/symposiums attended

National/state Conferences/Seminars/Symposiums attended:

National Conference:	07
National seminar:	08
State level seminar:	03
International Conference:	10

10. Paper Presented in Conference/seminar/symposium attended:

National Conference:	01
National seminar:	01
International Conference:	10

11. Guide / Supervisor on the panel of RTMNU, Nagpur:

Ph. D. Students Registered:	01
Thesis Submitted:	01
Ph. D. Awarded:	01

12. Guest lecture delivered:

In other colleges/institutes:	02
In teacher's training:	Nil
In workshop/seminar:	Nil

13. Blood donation: --

14. Program organized in college:

- i. Organized Parent Teacher Meeting and student alumni in the college
- ii. Organized Gramgeeta and Chankaya Dnyanvardhini General Knowledge Examination in the college

15. Award and Honor:

- Awarded with 1st prize in Material Sciences Oral presentations in 11th National Conference on Solis State chemistry and Allied Areas organized by by Seth Kesarimal Porwal College of Arts , Science & Commerce College, Kamptee In association with Indian Association of Solid state Chemistry and Allied scientists (ISCAS) on 20th,21th December 2019.

16. Research Profile Membership: (Research Gate, Google Scholar, etc)

Nil

17. Membership of Institute/National/ International Professional/Research Bodies or Communities:

- Member of Indian Science Congress
- Member of Von Karman Society for advanced study and research in Mathematical and social sciences

18. Delivered a talk in one day workshop on “ Developments in Mathematical Curriculum” organized by, Department of Mathematics, Science College Pawani on 6th March 2020.

List of Publication References

A. Papers Published in Peer Reviewed Journals:

1. "Spherically Symmetric Quantities in Bimetric Theory of Relativity" is published in the Bulletin of pure and applied sciences vol. 27 E (No.1) 2008 p-107-109.
2. "Bianchi Type I string dust cosmological model with magnetic field in Bimetric Theory of Relativity is published in IJAM 22(3) , 445-456, Bulgaria (2009)
3. "Charged perfect fluid distribution in bimetric theory of relativity" J. Ind. Acad. math Vol. 32 No. 1 Indore pp 147-152, (2010).
4. "LRS Bianchi Type I string dust magnetized cosmological models in bimetric theory of relativity, J. Tensor N.S. 71(2), 155-162, (2009).
5. "Bianchi Type I bulk viscous fluid string dust cosmological model with magnetic field in bimetric theory of gravitation" , is published in An Int. J. AAM 5(1) , June 2010, <http://pvamu.edu/aam>
6. "Bianchi Type I Magnetized cosmological model in Bimetric Theory of Gravitation" is published in An Int. J. AAM 5(2) , Dec 2010. <http://pvamu.edu/aam>
7. "Bianchi Type I Massive String Magnetized Barotropic Perfect Fluid cosmological model in Bimetric Theory of Gravitation" ,An Int. J. Chinese Physics Letters 28(8) , 2011 <http://iopscience.iop.org/cpl>
8. "Bianchi Type I Magnetized Cosmological model with Λ - term in Bimetric Theory of Gravitation" , An Int. J. AAM Vol.8 (1) , June 2013. <http://pvamu.edu/aam> ISSN: 1932-9466
9. "LRS Bianchi Type I string dust magnetized cosmological models with Λ - term in Bimetric Theory of Gravitation , American Journal of Pure and Applied Mathematics 2(1), 155-162, (January 2013).
10. "Evaluation of Bianchi Type VI₀ Cosmological Models with A Binary Mixture of Perfect fluid and Dark Energy in Bimetric Theory of Gravitation" , J. an International Journal of Applied mathematics, ISSN: 2051-5227, Vol.28, Issue.2 DEC. 2013..
11. " LRS Bianchi Type I cosmological models with Perfect fluid and Dark energy in Bimetric Theory of Gravitation", IOSR Journal of Mathematics(IOSR-JM) e-ISSN:2278-5728,p-ISSN:2319-765X. Volume 10, Issue 3 ver. I (May-jun. 2014) PP 62-69 .
12. Bianchi Type I Hyperbolic cosmological Models with Perfect fluid and darkEnergy in Bimetric theory of gravitation is published in An Int. J. AAM 11(1) , June 2016 <http://pvamu.edu/aam>
13. Bianchi Type I Bulk Viscous Fluid String Dust Magnetized Cosmological Model with Λ -Term in Bimetric Theory of Gravitation , International J. of Scientific research in Mathematical and Statistical Sciences vol.06 Issue 3 pp.35-40, June 2019
DOI: <https://doi.org/10.26438/ijrmss/v6i3.3540>

B. Papers Published in Conferences/Seminars/Symposium Proceedings:

Nil

C. Book Published:

Nil