

CURRICULUM - VITAE

Dr. Priyanka

Assistant Professor

Department of Mathematics and

Head of Department of Applied Science and Humanities in

Rajkiya Engineering College, Chandpur, Bijnor

Since 8 December 2017

State – Uttar Pradesh

Country – INDIA

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CAREER OBJECTIVES

- ❖ To make strong contribution towards organizational goals through continued development of Professional and Research skills for the personal and organizational growth. And I also want to do my the best performance in social work.

EDUCATIONAL OUALIFICATION

Doctor of Philosophy (Ph.D.) in Applied Mathematics from IIT (BHU) Varanasi. in 2014

Title of My Ph.D. Thesis : Some Spatially Homogeneous and Anisotropic Cosmological Models in General Relativity and Certain Alternative Theories of Gravitation.

Other qualification: GATE qualified in 2011

CGPA : **8.79** (during course work)

Area of Research : Relativistic Cosmology

- ❖ **Master of Science(M.Sc.)** Udai Pratap Autonomous College Varanasi, U.P.

Subject : Mathematics

Year : 2010 (**Gold Medalist**)

- ❖ **Bachelor of Science (B.Sc.)** Udai Pratap Autonomous College Varanasi

Subject : Physics, Chemistry, Mathematics

Year : 2008 First division

TEACHING EXPERIENCE

Previously Worked as an **Assistant Professor** in Galgotias University in Department of Applied Sciences from 2sept 2015 to 1 Jan 2017 and 2 Jan 2017 to 7 December 2017 in Galgotias Engineering College Grater Noida Uttar Pradesh .

- ❖ . . Class coordinator, paper setter , Duty assigned as invigilator, evaluation . Flying team
- ❖ Taking under graduate classes (B. Tech.) as a Teaching Assistant, 2011-2014 at **IIT (BHU), Varanasi, UP, India,**

RESEARCH AREA OF INTEREST

Einstein's General Theory of Relativity, Scalar Tensor, Lyra's Geometry. Isotropic and Anisotropic Dark Energy Cosmological models, Modified theories of Gravity such as F(R) theory of gravity, f(R,T) gravity theory etc. .

AWARDS /SCHOLARSHIP

- ❖ Junior Research Fellowship (**JRF**) conducted by MHRD, **Indian Institute of Technology(Banaras Hindu University) Varanasi**, India, Sept. 2011.
- ❖ Senior Research Fellowship (**SRF**) conducted by MHRD, **Indian Institute of Technology (Banaras Hindu University) Varanasi**, India, Sept. 2013 to 17july2015date.

OTHER ACTIVITIES

- ❖ Member of BHU Mathematical Society, Varanasi, India
- ❖ Member of time table executive committee , Galgotias University Greater Noida.
- ❖ Class Coordinator, Exam cell, etc. in Galgotias University Greater Noida.

COMPUTER SKILLS:

- ❖ Mathematical Software : MATHEMATICA, MATLAB, M. S. Excel
- ❖ Operating System : Win XP, Win Vista, Win 7, Win 2010, Linux
- ❖ Typesetting Software : Microsoft Word, Latex

PUBLISHED/ACCEPTED PAPERS IN INTERNATIONAL JOURNALS:

1. Shri Ram, Priyanka

Bianchi Type-II Inflationary Models with Stiff Matter and Decaying Cosmological Term, *CHIN PHYS Lett.* 31, . 7 (2014) 070401 [**IOP Publishing** with impact factor **0.924**]

2. Shri Ram , Priyanka

Bianchi Type I and V Bulk Viscous Fluid Cosmological Models in f(R,T) Gravity theory, *Cent. Eur. J. Phys.* • 12(10), 744-754, 2014 [**Springer** with impact factor **1.077,citation 2**]

3. Shri Ram, Priyanka

Spatially Homogeneous String Cosmological models with Bulk Viscosity in (R,T) Gravity Theory, *Electronic Journal of Theoretical Physics* 11,. 31 (2014) 203–220, impact factor **0.33**.

4. Shri Ram . Priyanka

. Some Kaluza –Klein Cosmological Models in F(R,T) Gravity Theory
Astrophysics Space Sci. 347,389–397, (2013) [**Springer** Impact factor **2.401,citation 18**]

5. Shri Ram , **Priyanka**, Manish Kumar Singh

Anisotropic Cosmological Models in f(R,T) Theory of Gravitation

Pramana Journal of Physics 81, 67–74 (2013) [**Springer** Impact factor **0.720,citation 3**]

6. **Priyanka**, M.K. Singh and Shri Ram

Anisotropic Bianchi Type-III Bulk Viscous Fluid Universe in Lyra Geometry

Advances in Mathematical Physics 2013,5, (2013) [**Hindawi** Impact factor **1.02 citation 4**]

7. **Priyanka**, S. Chandel, M. K. Singh and Shri Ram

An Isotropic Dark Energy Cosmological models of Bianchi type-III

International Journal of Theoretical and Applied Physics 2,147-154 (2012)

[Impact factor **0.24**]

8. **Priyanka**, S. Chandel, M.K. Singh and Shri Ram

Bianchi Type-VI0 Dark Energy Cosmological Models in General Relativity

Global Journal of Science Frontier Research Mathematics and Decision Sciences 12,12, (2012)
,citation 1

9. **Priyanka** , Shri Ram

Spatially Homogeneous Bianchi Type-I Perfect Fluid Cosmological Models in f(R) Gravity

EJTP 13, No. 35 (2016) 155–172 .

PAPER PRESENTATION IN INTERNATIONAL / NATIONAL CONFERENCES:

Bianchi Type-VI0 Dark Energy Cosmological Models in General Relativity *Global Journal of Science Frontier Research* 12,12, 0977 (2012)

❖ Anisotropic Bianchi Type-III Bulk Viscous Fluid Universe in Lyra Geometry

Advances in Mathematical Physics (2012, presented by **Priyanka**)

International conference organized by Dept. of Mathematics during 21-23 Nov. 2012,
Aligarh Muslim University, Aligarh ,Indian

❖ Bianchi Type I and V Bulk Viscous Fluid Cosmological Models in f(R,T) Gravity theory

(2014, presented by **Priyanka**)

International conference hosted by Dept. of Mathematics during 19-23 Jan. 2014, Nagpur University,
Nagpur India

❖ Spatially Homogeneous String Cosmological models with Bulk Viscosity

in

f(R,T) Gravity Theory(2014, presented by **Priyanka**)

National conference in Banaras Hindu University (BHU) organized by Dept. of Mathematics and Mathematical Society during 2-3 Feb. 2014 Varanasi, India

COURSES TEACHING

Engineering Mathematics in Galgotias University till date.

Differential Equations, Partial Differential, Complex Analysis, Matrices etc. in IIT(BHU).

PERSONAL INFORMATION

Name : Dr. Priyanka
Gender : Female
Marital Status : Married
Husband Name's : Mr. Vipin Kumar Yadav
Date of Birth : 05/10/1988
Religion : Hindu
Languages Known : English and Hindi
Positive Traits : Hard worker, sincere, Devotee for my work
Postal address : Rajkiya Engineering College, Department of Mathematics (ASH)
Pin code : 246725, Bijnor(U.P.)

DECLARATION:

I hereby declare that the above-mentioned information is true to the best of my knowledge and belief.

Date: 30/01/18
Place: Bijnor

(**Dr. Priyanka**)