

## **CURRICULUM - VITAE**

**Dr. Priyanka**

**Assistant Professor**

**Department of Mathematics and**

**Ex 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 QUALIFICATION**

**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 ( 08 years)**

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,**

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 17 July 2015 date.

### **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: 09/07/19  
Place: Bijnor

( **Dr. Priyanka** )