

BIODATA/PROFILE

PERSONAL DETAILS

Name : Dr. RAJENDRA PRASAD
Designation : Associate Professor
Department : PG dept. of Physics LS College, Muz.
Father's Name : Late Garib Prasad Yadav
Thrust Area : General Relativity
Residential Address : LF-13, BRABU Campus, Muzaffarpur
Permanent Address : 102-Aishwarya Rohini Appt., Road No.-4
Rajendra Nagar, Patna-16

ORIENTATION/REFRESHER/OTHER EQUIVALENT COURSE ATTENDED

Sl. No.	Name of the course	Duration	Grade
1	UGC Sponsored 44 th Orientation course, BRABU, Muzaffarpur	20-01-04 to 16-02-04	A
2.	3 rd Refresher Course, PU, Patna	27-03-06 to 16-04-06	A
3.	5 th Refresher Course, PU, Patna	02-02-10 to 22-02-10	A
4.	Physics Olympiad Exposure Camp	26-27 Sep 2011	
5.	Refresher Course in Environmental Science (ID) Botany, Zoology, Chemistry & Physics	02-12-12 to 22-12-13	A
6.	Refresher Course in Physics BRABU Muz.	21-01-15 to 10-02-15	A

RESEARCH CONTRIBUTIONS

Sl. No.	Name of the Student	Research Title	University	Present Status
1	Narendra Kumar	Prediction of loss characteristics in built-up areas with various buildings	BNMU, Madhepura	Degree Awarded
2.	Ram Chandra Pd. Yadav	Analysis of e-e interaction phenomenon in Hubbard Models	BNMU, Madhepura	Thesis Submitted
3.	Archana Kumar	Study of optical and thermodynamic properties of double walled nano tube	BRA, Bihar University, Muzaffarpur	Work in progress

PUBLICATIONS

Sl. No.	Title	Name of Journal	Year	Impact Factor
1.	Formulation of Quantum Mechanics in Reduced Space	Ideal Research Review Vol-29, NO.-III	March 2011	1.7
2.	Fluctuation in non-equilibrium plasma: A theoretical approach	Wisdom Herald Vol-V, NO.-3	July- Sep 2014	2.1
3.	Einstein Energy-Momentum Complex for a Schwarzschild black hole metric	Universal Review Vol.-V No.-2	Jul- Dec 2014	2.3
4.	Einstein Energy-Momentum Complex for a charged dilation black hole metric	Parisheelan Vol. - x No. -4	Oct- Dec 2014	1.9
5.	Einstein Energy-Momentum Complex for a Phantom black hole metric	Chinese Physics Letter Vol.-32 No.-2	Feb 2015	4.2
6.	A thermionic model of polysilicon emitter and its temperature dependence	Universal Review Vol.-VI No.-2	Jul-Dec 2015	2.3
7.	Study of nucleation and crystallization behaviour of nano-sized magnetic particles by small angle neutron scattering	Wisdom Herald Vol-VI NO.-3 &4	Jul-Dec 2015	2.1
8.	Towards total energy of Bianchi Type-1 Universe using Landau and Lifshitz energy-momentum complex	Wisdom Herald Vol-VII NO.-3 &4	Jul-Dec 2016	2.1
9.	Energy-momentum distribution of wormhole matrices	Chinese Physics Letter Vol.-34 No.- 4	2017	4.2

SEMINAR, CONFERENCE, SYMPOSIA, WORKSHOP etc ATTENDED between
2010 to 2018.

Sl. No.	Name of the Seminar/Confrence etc	Sponsoring Agency	Place & Date
1.	Ethics in Science & Technology	SSV, Delhi	Patna, 22 Aug 2010
2.	4 th Vigyan Congress 2011	BCST, Patna	IGSC Planetarium 9-11 Jun 2011
3.	Role of Science & Technology in developing society	UGC	Patna, 23-24 Sep 2011
4.	Life & achievement of Sir C.V Raman & Laser spectroscopy	UGC	Motihari 11-12 April 2012
5.	Different Source of energy & Global warming in context to India	UGC	Madhepura 19 th March 2012
6.	International workshop on applications of General Theory of Relativity to large scale structures in Universe	NIT Patna	23 rd Dec 2013 to 3 rd Jan 2014
7.	Nationwide sensitization workshop on Mathematics	NIT Patna	2 nd March 2014
8.	6 th Bihar Science Conference	B Brains Scholastic Centre	Patna 23-25 Dec 2014
9.	Refresher course in physics	UGC	21st Jan to 10th Feb 2015
10.	The Indian Science Congress Association	Deptt. of S&T, Ministry of S&T, Govt. of India	16th March to 20th March 2018
11.	7th Bihar Science Confrence	BBrains development society	4th Dec to 6th Dec 2018
12.	GIAN Workshop	MHRD Govt. of India	NIT Patna 17-21 Dec 2018