

BIO-DATA

Name : **DR. GAJENDRA PRASAD GADKAR**
Father's Name : Ramendra Prasad
Qualification : M.Sc. (Physics), Ph.D., L.L.B.
Designation : Associate Professor, Deptt. Of Physics,
College of Commerce Arts & Science, Patna
Date of Joining : 11th August 2003
Address : **Residential/Postal-** Ramnandan Bhawan, Near
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ACADEMIC QUALIFICATION:

Sl. No.	Qualification	Name of Organization
1.	Matriculation	BSEB Patna
2.	Intermediate	B.I.E.C. Patna
3.	B.Sc. (Physics Hons.)	M.U. Bodhgaya
4.	M.Sc. Physics	M.U. Bodhgaya
5.	L.L.B.	M.U. Bodhgaya
6.	Ph.D.	M.U. Bodhgaya

Member of Professional/Learned - Bodies/Societies- Science Congress

Experience of Guiding Research - i. No of Ph.D. Produced-02

ii. No of Ph.D. Under Supervision-02

Sl. No.	Name of the Research Scholar	Topic	Year of the award of the Degree
1.	Ram Pyare Prasad	A theoretical study of non-Fermi liquid Behavior of D- and F- Electron metals	2018
2.	Damodar Singh	Some theoretical studies of strongly coupled plasma	2019

RESEARCH PROJECT UNDER TAKEN

(Other than for a research degree)

Title of the Project	Period (From to)	Name & Address of the institution sponsoring the project	Status
A theoretical study of collective phenomena in photonic, plasmatic and hybrid structure	2014-2016	University Grant Commission ERO, Kolkata-700098	Submitted

RESEARCH PAPER PUBLISHED

(Intermediate/National Journal and Proceedings)

Author (S)	Title of the Paper	Name of the Journal	ISSN No.	Volume & No.	Year	Page No.
G.P. Gadkar	Dielectric Properties and Physical Properties of Pure and Nano Ag- Doped Liquid	IJCRT. Org.	2320-2882	08	2020	111
G.P. Gadkar	Study on Self Assembled Hybrid Photonic-Plasmatic Crystals	Annals of Multi-Disciplinary Research	2249-8893	08	2018	835
G.P. Gadkar	Study on Colloidal Plasmonic Self Assembled Grating	Vaichariki	2249-8907	08	2018	497
G.P. Gadkar	Dialectical Point by Reaction of Light at behind surface	Sodha Pravaha	2231-4113	08	2018	336
G.P. Gadkar	A theoretical study of magnetized strongly coupled Plasma and evaluation of variation of Plasma Parameter with rotation frequency (ohm) in Dusty Plasma	Journal of Chemical, Biological and Physical Science	22149-1929	5&3.2701.2701-2712	2025	2701
G.P. Gadkar	A theoretical study of magnetized strongly coupled Plasma and an evaluation of electrical conductivity of strongly coupled tungsten plasma	Journal of Chemical, Biological and Physical Science	22149-1929	5&No-2.1871-1877	2015	1871
G.P. Gadkar	A Theoretical evaluation of carination of Bonding Energy of the Ground State for a Donor in Quantum Well in the presence of titled Magnetic Field	Internal Journal on Pure and applied research in engineering and Technology	2319-507X	3(6):17-33	2015	17

G.P. Gadkar	A theoretical analysis of electronic specified heat entropy, Magnetic susceptibility as a function of temperature of non-electrons metal using empirical formula	Journal of Chemical. Biological and Physical Science	2249-1929	5No-1:635-642	2014	635
G.P. Gadkar	A theoretical study of non-Fermi-liquid behaviour of U-based f-electron compounds $SC 1-xU_xPd_3$, $UEu_2x Re_zSi_2$ and $Ce (Ru_{1-x}Fe_x)_2Ge_2$	Journal of Chemical, Biological and Physical science	2249-1929	5, No-1:831-839	2015	831
G.P. Gadkar	An Evaluation of visibility of Ramsy fringes as a function of magnetic field strength using Reshbach resonance	Journal of Chemical Biological and Physical Science	2249-1929	3, No-3.2051-2057	2013	2051
G.P. Gadkar	An Evaluation of Critical frequency of critical as a function of numbers of atoms in Bose Einstein Condesated	Int. J. Chemical Sci	0972-768x	10.(3),2012,150-1512	2012	1506
G.P. Gadkar	Study of Nematic Smectic a Transition and evaluation of Damping rate of Undulation mode in the Smectic A-Phase	ACTACIENCIA INDICA	0253-732x	28, No.-3	2001	213

Conference/Seminars/Workshop etc. attended and papers presented

Sl. No.	Organization	Types	Paper Presentation date
01.	Bihar Council on Science & Technology, IGSC Planetarium, Patna	2 nd Bihar Vigyan Congress	26 th February 2007 to 28 th February 2007
02.	Patna Women's College, Patna University, Patna	UGC Sponsored National Seminar	12 th September 2008
03.	Patna Women's College, Patna University, Patna	Society for scientific value, Delhi	22 nd August 2009
04.	S.G.J. Rambag, Bihta, Patna	National Seminar	05 th August 2011 to 06 th August 2011
05.	Magadh Mahila College, Patna University, Patna	Physics Olympiad Exposure Camp Tata Institute of Fundamental Research	26 th September 2011
06.	Arvind Mahila College, Patna	UGC Sponsored National Seminar (Science)	23 rd September 2011 to 24 th September 2011
07.	Kolhan University, Chaibasa, Ranchi, Jharkhand	UGC Sponsored Interdisciplinary National Conference	19 th December 2011 to 20 th December 2011
08.	J.P. University, Chhapra	UGC Sponsored National Seminar	25 th May 2012 to 26 th May 2012
09.	7 th Bihar Science Conference	International Conference	04 th December 2018 to 06 th December 2018
10.	S.U. College, Hilsa, Nalanda	Multidisciplinary National Seminar	14 th Sept. 2023 to 15 th Sept. 2023

EXPERIENCE AND EMPLOYMENTS

Sl. No.	Designation	Department	Period
1.	Head of Department, Physics	S.M.S.G. College, Serghati, Gaya (Constituent Unit of M.U. BodhGaya)	2003 to 2011
2.	Head of Department, Physics	B.S. College, Danapur, Patna	2014 to 2016
3.	Co-Ordinator (M.C.A.)	B.S. College, Danapur, Patna	2012 to 2016
4.	Co-Ordinator (M.C.A.)	College of Commerce arts and Science, Patna	2016 to 2020
5.	ZRUCC & DRUCC	E.C.R. Kolkata	2000-2001
6.	University Representative	S.G.D.M. College, Patna	2016 & 2021
7.	Deputy Proctor	Patliputra University, Patna	2019 to till date
8.	Controller of Examinations	Magadh University, Bodh-Gaya	June 2022 to January 2023
9.	Professor In-Charge	S.U. College, Hilsa, (Nalanda)	29th May to till date

Dr. Gajendra Prasad Gadkar

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