

Name: **Dr. Debarati Ghosh**

Designation : **Assistant Professor**

Mode of Recruitment : **Permanent**

Recruitment Authority: **State Government**

Department : **Physics**

Date of Joining : **13-10-2017**

Teaching Experience In Years & Months : **04 Years 05 Months**

Date of Birth : **19-01-1989**

PAN: **ARAPG5750E**

Aadhaar No.

Sex : **Female**

Correspondence Address : **Department of Physics, T.P.S. College, Patna-800001, Bihar**

Mobile No:

Email: **drdghoshoofficial01@gmail.com**

**Educational Qualification & Achievements**

(In chronological order from latest to Graduation level)

Sl. No.	Exam Passed	Year	University	Hons./Elective Sub./Title of the Thesis	State form where degree complete	% Achieve	Div./Class
1	Ph. D in Science	2018	The University of Burdwan	Studies on the oscillation quenching states and their transitions in coupled oscillators.	West Bengal		
2	Post Graduate (M. SC.)	2012	The University of Burdwan	PHYSICS (Specialization: Radiophysics and Electronics)	West Bengal	76.33	FIRST
3	Graduate (B. SC. HONOURS)	2010	The University of Burdwan	PHYSICS (Honours)	West Bengal	60.75	FIRST

Qualified : **NET**

Whether you are recognized Ph.D Guide: **No**

Total Number of Ph.D. Scholars produced during academic year (2017-18) : **No**

Sl. No.	Name of Ph.D. Scholar	Name of the Dept.	Title of the Thesis	Year of Regt. of the Scholar	Year of award of Ph.D.	University
	NA	NA	NA	NA	NA	NA

(Attach the copy of the university notification regarding award of Ph.D.)

Do you use ICT for effective teaching with Learning Management System (LMS), e-Learning resources etc? **(Yes)**

Number of Research papers published in **Journals notified on UGC website** during academic year (2018-20): **(2)**

Sl. No.	Title of Paper	Name of the authoz/s	Dept.	Name of the Journal	Year of Publication	ISBN/ISSN Number
1	Transition from homogeneous to inhomogeneous limit cycles: Effect of local filtering in coupled oscillators	Tanmoy Banerjee, Debabrata Biswas, Debarati Ghosh, Biswabibek Bandyopadhyay, Jürgen Kurths	Physics	Physical Review E (Vol. 97, 042218)	2018	2470-0053
2	Networks of coupled oscillators: from phase to amplitude chimeras	Tanmoy Banerjee, Debabrata Biswas, Debarati Ghosh, Eckehard Schöll, Anna Zakharova	Physics	Chaos (Vol. 28, 113124)	2018	1089-7682

**Grants received for Research Projects sponsored by the Govt./Non-Government sources such as UGC/Industry, Corporate Houses, International Bodies, Endowments, Chairs during academic year (2015-20): (NA)**

Sl.No.	Name of the Research Project / Endowments, Chairs	Yours role in the Project as PI or Co-Investigator	Dept. of PI	Year of Award / Sanction	Name of Funding Agency	Funds Provided	Duration of the Project	Status of the Project on date
1								
2	NA	NA	NA	NA	NA	NA	NA	NA
3								

**Number of Books Authored & Published during academic year (2015-20) : NO**

Sl.No.	Title of the Book	Year of Publication	ISBN	Name & Place of the Publisher
	NA	NA	NA	NA

**Number of Chapters published in Edited Volume of the Books during academic year (2015-20) : (X)**

Sl. No.	Title of Chapter Published	Title of the Book	Volume No.	ISBN	Name & Place of Publisher
	NA	NA	NA	NA	NA

**Number of Papers Published in Seminars / Conference Proceedings during academic year (2015-20) : (2)**

Sl.No.	Title of Paper	Title of the Proceedings of the Seminar/ Conference	National/ International	ISBN/ISSN number of the proceeding	Affiliating Institute at the time of Publication	Name of the Publisher
1	Transitions to the symmetry-breaking oscillation quenching states in coupled chaotic oscillators.		National	ISBN- 978-81-88391-55-4.	T. P. S. College, Patna.	National Conference, MDCCT2018, Burdwan University
2	Effect of filtering on the dynamics of coupled oscillators		National	ISBN- 978-81-88391-55-4	T. P. S. College, Patna.	National Conference, MDCCT2018, Burdwan University

**Publications Listed in International Database (for Eg: Web of Science, Scopus, Humanities, International Complete, DARE Database- International Social Sciences Directory, EBSCO host, etc.) All the Journals are included in the google scholar datebs**

Sl.No.	Topic	Name of the International Database	Date & Year of Inclusion of the Article
	All my research papers published in journals are listed in scopus		

**Details on Impact factor of Publications : (h-index)**

Range- 2.296-2.832      Average- 2.43      h-index- 6

**Number of Professional development / Administration training program attended during academic year (2017-18) (Orientation programme, Refresher Course, HRD Programme, Summer / Winter Workshop, Short Term Course etc.) : (NA)**

Sl.No	Name of Programme	Category Local / Regional / National / International	Date from - to	Venue
1	Conference on Nonlinear Systems and Dynamics (CNSD 2018)	National	October 11-14, 2018	Jawaharlal Nehru University
2	National Conference on Materials, Devices and Circuits in Communication Technology (MDCCT 2018)	National	June 22- 23, 2018	IETE Burdwan and The University of Burdwan

**ADMINISTRATIVE EXPERIENCE/POST(S) & RESPONSIBILITIES HELD**

Participation in various bodies of the universities / Autonomous College / other colleges, such as BoS, Academic Council and UR during academic year (2017-18).

Sl.No.	Year	Name of the Body in which Participated
	NA	NA

(Note : attach the letter issued for the purpose from the concerned authority)

Sl. No.	Post	Organization/ University	Duration		Experience (In Years and Months)
			From (Date)	To (Date)	
	NA	NA	NA	NA	NA

NA

	Organisation	Area of specialization
Visiting Professor		
Resource Person		
Others (Specify)		

**Involvement with formulation of academic programmes**

Sl. No.	Nomenclature of Innovative Academic Programmes formulated	Date of approval by Senate	Year of Introduction
	NA	NA	NA

**Important MoUs formulated for academic collaborations**

Sl. No.	MoUs formulated	Name of Agencies/Departments involved	Year of MoU

**Position of Chairs**

Sl. No.	Name of Chair	Name of Agencies/Departments involved	Period of holding the Chair

**Consulting Experience**

List Key consulting assignments undertaken

Sl. No.	Client/Organization's Name	Nature of assignment	Duration of assignment

**International academic Exposure, if any (Separate Sheet)**

Sl. No.	Post/Assignment	Organization/Institute	Area of Assignment	Duration		
				From	To	In years & Months

Awards, Recognition, Fellowships received at State, National, International Level from Government / Govt. recognized bodies during academic year (2017-18).

Sl.No	Year Award	Name of the award, fellowship, recognition	Level (State, National, International)	Name of Award conferring organization with contact details	Award conferring organization is Govt. or Govt. recognized Body

(Note : attached the copy of Award, recognition certificate)

**Your Strengths (in 100 Words)**

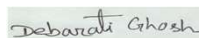
- Oscillation suppression:- Amplitude Death and Oscillation Death
- Revival of Sscillation.
- Chimera Sate.

**Your Vision for the Institution (upto 500 Words)**

- Empowering our students with latest exucation and knowledge.
- Enhancement of the academic and cultural ethos of the college.

**Declaration**I **Dr. Dearati Ghosh**Son/daughter/wife of: **Squadron leader Devdeep Ghosh**

hereby declare that all the information furnished by me in the application is true to the best of my knowledqe and belief.

PLACE: **Panta**  
DATE:

(SIGNATURE)