

**VISVA-BHARATI
SANTINIKETAN**

**Provisional list of eligible supervisors and available vacancies for Ph.D. programmes
for the academic year 2010-2011**

Bhavana (Institute)	Department / Centre	Name of the Supervisor	Area of specialization	No. of existing Ph.D. students	Vacancy
Sangit-Bhavana (Institute of Music, Dance & Drama)	Rabindra Sangit	1. Prof. Ashok Ganguly	Rabindra Sangit	02	06
		2. Dr. Indrani Mukherjee	Rabindra Sangit	04	04
		3. Dr. Madhabi Ghosh (Ruj)	Rabindra Sangit	--	08
		4. Sri Malay Sankar Chatterjee	Rabindra Sangit	--	08
		5. Smt. Sanghamitra Gupta	Rabindra Sangit	--	08
		6. Smt. Swastika Mukherjee	Rabindra Sangit	01	07
		7. Sri Prasanta Kumar Ghosh	Rabindra Sangit	--	08
		8. Sri Y. Hemanta Kumar	Manipuri Dance	--	08
		9. Smt. K. Sunita Deavi	Manipuri Dance	--	08
		10. Dr. Sumit Basu	Manipuri Dance	01	07
		11. Sri T.S. Vasunni	Kathakali Dance	01	07
		12. Sri Mohan Kumaran. P.	Kathakali Dance	--	08
		13. Sri Basanta Mukherjee	Kathakali Dance	--	08
		14. Sri P. Mukunda Kumar	Kathakali Dance	--	08
		15. Sri N. Rajesh Menon	Kathakali Dance	--	08
		16. Sri Tarak Sengupta	Drama and Theatre Arts	01	07

SIKSHA-BHAVANA
Department of Chemistry

Name of the Supervisors	Number of Vacancies*	Major field of Research
Prof. U. S. Roy	1	Analytical Chemistry
Prof. I N. Basumallick	3	Electrochemistry
Dr. B. Mandal	2	Analytical Chemistry
Dr. P. Chowdhury	3	Polymer Synthesis & their Application
Dr. G. Brahmachari	4 2	Natural Products Organic Synthesis
Dr. P. Sarkar	5 1	Nanochemistry Spectroscopy
Dr. S. K. Chandra	1 2	Inorganic Chemistry (Str. Chemistry) Magnetochemistry (Str. Inorganic Chemistry)
Dr. G. K. Das	1	Organic Chemistry & Molecular Modeling
Dr. A. Majee	3	Organic Synthesis
Dr. B. K. Dolui	1 1	Non-aqueous Solvent System Aqueous Solvent System
Dr. B. C. Bag	3	Study of Non-equilibrium Stochastic process

Dr. D. Mondal	4	Spectroscopy & Nanochemistry
Dr. N. A. Begum	1	Nanochemistry
Dr. Susanta Ghosh	1	Rechargeable Battery
Dr. M. Ghosh	2	Dynamics of Quantum Dot
Dr. A. Hajra	5	Organic Synthesis
Dr. K. C. Bhowmick	2	Asymmetric Synthesis

* Department cannot ensure the fellowship against the vacancies

Centre for Mathematics Education

	Name of the Faculty Member	No. of Ph D Students at present	No. of Ph D Students to be taken in 2010-2011	Field of Research
1.	Prof. S K Samanta	2	1	Mathematics Education

Department of Computer and System Sciences

Sl. No.	Name of Faculty	No. of PhD Students registered at present	No. of PhD students to be taken during 2010-2011	Field of Specialization
1	Prof Paramartha Dutta	3	1	Intelligent Computing

2	Prof. Alak Kumar Datta	1	3	Graph Algorithms
3	Prof Balaram Bhattacharyya	1	1	Image Processing
4	Dr Utpal Roy	2	3	<ul style="list-style-type: none"> • VANET and MANET • E-content Management • Scientific Computation

Centre for Environmental Studies

Sl. No	Name of the faculty member who will act as supervisor	No. of Ph.D Students supervising at present	No. of students (Ph.D) to be taken in 2010-2011	Field of research
1	Dr. S. Balachandran	2	1	Ethnobotany/Medicinal plants and Phytochemistry
2	Dr. P.K.Patra	2	2	Environmental Geology
3	Dr. P.K.Padhy	3	3	Air pollution & Plants, Environmental Pollution and health
4	Prof. S. Chaudhury	3	3	Bioremediation, Environmental Toxicology

INTEGRATED SCINECE EDUCATION & RESEARCH CENTRE (ISERC)

	Name of the Faculty Member	No. of Ph D Students at present	No. of Ph D Students to be taken in 2010-2011	Field of Research
1	Dr Subrata Sinha	NIL	02	Spectroscopy
2	Dr Susanta Ghosh	03	01	Electrochemistry

3	Dr Mahasweta Nandi	NIL	NIL	Inorganic Chemistry (Material Science)
4	Dr Umesh Kumar Singh	NIL	04	Environmental Science (Hydrogeology, Water and Soil Pollution)
5	Dr Swapan Kumar Pandit	NIL	04	Computational Fluid Dynamics

Department of Mathematics

	Name of the Faculty Member	No. of Ph D Students at present	No. of Ph D Students to be taken in 2010-2011	Field of Research
1.	Prof. S K Samanta	4 (Math) + 2 (CME)	01(Math) + 01 (CME)	Fuzzy Mathematics
2.	Prof. Dulal Pal	03	02	Fluid Dynamics & Atmospheric Sc
3.	Prof. Santabrata Chakravarty	01 (Jointly with Dr P K Mandal)	04	Biomechanics & Mathematical Biology
4.	Prof. Swapan Raha	03	03	Fuzzy Logic & Approximate Reasoning
5.	Dr Prasanta Chatterjee	04	04	Plasma Dynamics & Biomathematics
6.	Dr Prashanta Kumar Mandal	01 (Jointly with Prof S Chakravarty) 01 (Jointly with Dr M Haque)	04	Mathematical Biology
7.	Dr Madan Mohan Panja	NIL	01	Universal Format of Nonlinear Ordinary

				Diff. Eq.& Wavelet Numerical Analysis
8.	Dr Tarapada Bag	02	03	Fuzzy Functional Analysis
9.	Dr Dibyendu Banerjee	02	01	Complex Analysis
10.	Dr Tapas Ray Mahapatra	01	03	Fluid Dynamics
11.	Sri Anjan Kumar Bhuniya	NIL	04	Theory & Applications of Semigroups and Semirings
12.	Dr Subhasis Ray	NIL	04	Real Function Theory
13.	Dr Amar Prasad Misra*	02	NIL	Plasma Dynamics
14.	Sri Kalyan Hansda*	NIL	NIL	-
15.	Prof. Puspajit Mandal	NIL	01	Quantum Scattering Theory
	TOTAL	24 + 2 (C M E)	35 + 1 (CME)	-

Note: *Dr Amar Prasad Misra (Lecturer) is on Study Leave. Sri Kalyan Hansda (Lecturer) – NET qualified.

Department of Physics

Sl. No.	Name	Specialization/ Major Field of Research	No. of Regd. Doctoral Students under Supervision	Available Vacancy
1.	Prof. S.N. Roy	Nuclear Physics	-	-
2.	Prof. S.K. Roy	Condensed Matter Physics	-	-
3.	Prof. S. Chakraborty	Particle Physics	2	-
4.	Prof. T.P. Chattopadhyay	Optical Communication	1	1
5.	Prof. Somenath Chakraborty	Astrophysics & Cosmology	1	3

6.	Dr. M. Maity	Particle Physics	1	1
7.	Dr. T.K. Kundu	Electronics	1	1
8.	Dr. A. Bhattacharjee	Condensed Matter Physics	2	2
9.	Dr. P.K. Ghosh	Particle Physics	-	-
10.	Dr. S. Mandal	Quantum Optics	1	-
11.	Dr. A. Sengupta	Condensed Matter Physics	3	2
12.	Dr. S. Sil	Condensed Matter Physics	-	-
13.	Dr. A. Chakravarti	Condensed Matter Physics	1	-
14.	Dr. A. Saha	Atomic Physics	-	1
15.	Dr. S. K. Mondal	Condensed Matter Physics	2	1
16.	Dr. B. C. Gupta	Condensed Matter Physics	2	1
17.	Dr. B. Mukherjee	Nuclear Physics	-	-
18.	Mr. S. Tudu	X-Ray Crystallography	-	-
19.	Mr. S. Roy	Radio Physics & Electronics	-	-
20.	Dr. A. Bandhyapadhyay	Atomic & Molecular Spectroscopy	-	-
21.	Dr. (Mrs.) S. Das	Astrophysics and Cosmology	-	-
22.	Dr. B. Roy Chowdhuri	Relativity, Cosmology	-	-
23.	Dr. B. Pandey	Astrophysics and Cosmology	-	-
24.	Mr. A. Saw Mondal	Astrophysics and Cosmology, Quantum field theory.	-	-

Department of Zoology

I. No.	Name of the faculty member who will act as supervisor	No. of Ph.D. Students supervising at present	No. of Students (Ph.D.) to be taken in 2010-2011	Field of Research
1	Professor Shelley Bhattacharya	05	03	Environmental Toxicology
2	Professor Arun Kumar Ray	02	01	Fish Biology
3	Professor VC Joy	02	02	Ecology & Spoil Zoology
4	Professor Panchanan Nath	02	01	Fish Reproductive Physiology
5	Professor Saumen Kumar Maitra	03	02	Environmental Endocrinology
6	Professor Parimalendu Haldar	03	01	Entomology
7	Professor Santi Prasad Sinhababu	05	02	Parasitology
8	Professor Santanu Ray	04	02	Ecological Modelling
9	Dr. Dipak Kumar Mandal	03	05	Fish Biology
10	Dr. Anshuman Chattopadhyay	03	03	Genetics
11	Dr. Larisha Lyndem	01	01	Parasitology
12	Dr. Samar Kumar Saha	02	05	Fish Biology
13	Dr. Sudipta Maitra	03	03	Endocrinology of Fish Reproduction
14	Dr. Surjya Saikia	0	01	Aquatic Ecology

Department of Botany

Sl. No.	Name of the faculty member who will act as supervisor	No. of Ph.D Students supervising at present	No. of student (Ph.D) to be taken in 2010-2011	Field of research
1.	Prof. S. Mandal	05	03	Plant Biosystematics, Palynology, Aerobiology, Pollination Biology & Medicinal Plants
2.	Prof. S. K. Sen	05	1	Microbiology
3.	Prof. S. Ray	04	01	Phycology
4.	Prof. K. Bhattacharya	01	02	Biodiversity & Pollen allergy
5.	Prof. N. Banerjee	04	02	Cytogenetics & Plant Biotechnology
6.	Prof. R.K. Kar	03	02	Plant Physiology & Biochemistry
7.	Prof. N.C. Mandal	04	01	Microbiology & Myco-pathology
8.	Dr. Subrata Mondal	03	03	Taxonomy, Pollination Biology & Palynology
9.	Dr. S.R. Biswas	04	--	Molecular Biology (Food oriented)
10.	Dr. C.H. Rahaman	05	02	Pharmacognosy, Anatomy, Ethnobotany & Medicinal Plants
11.	Dr. Soma Sukul	01	01	Pteridology
12.	Dr. A. Lokho	--	01	Taxonomy & Ethnobotany
13.	Dr. J. Rath	02	02	Phycology
14.	Dr. H. Gupta Joshi	--	01	Ecology

Centre for Biotechnology

Sl. no	Name of the Faculty who will act as supervisor	No of Ph.D. students to be taken during 2010-2011	Field of Research/ Specialization
1	Dr. S.P. Adhikary Professor	Four (2 JRFs in the DST, Govt of India project + One Research Fellow in DST-SEED project+ One JRF in MOEF project)	Microbial Technology
2	Dr. Amit Roy Reader	Two (Excluding the two already applied for registration and paid the fees during 2010-2011)	Recombinant DNA Technology
3	Dr. Nilanjana Das	One (The JRF working in the DST-Fast Track Project)	Biotic and abiotic stress response
4	Dr. Jolly Basak	One (The JRF to be appointed in the recently sanctioned Fast Track project)	Plant-Microbe Interaction
5	Dr. Narottam Dey	One	Biotic and abiotic stress response

Department of Statistics

	Name of the Faculty Member	No. of Ph.D. Students at present	No. of Ph.D. Students to be taken during 2010-2011	Field of Research
1	Prof. K. Chatterjee	01	02	Design of Experiment
2	Dr. S. S. Maiti	02	01	Reliability Theory

Bhavana (Institute)	Department / Centre	Name of the Supervisor	Area of specialization	No. of existing Ph.D. students	Vacancy
Vinaya-Bhavana (Institute of Education)	Education	1. Prof. Dibakar Kundu		04	04
		2. Prof. Benudhar Chinara		02	06
		3. Dr. Sambu Charan Roy		01	07
		4. Dr. S. Bhattacharya		02	06
		5. Dr. Kahnu Charan Sahoo		--	08
		6. Dr. Sanat Kumar Rath		--	08
Palli Siksha-Bhavana (Institute of Agriculture)	ASEPAN				
	1. Agronomy	1. Prof. D.C. Ghosh	1. Crop Growth Analysis and Yield Modeling.		01
		2. Prof. G.C. De	1. Weed Science 2. Crop Husbandry		02
		3. Dr. B.K. Saren	1. Water Management		01
		4. Dr. A.K. Barik	1. Integrated Nutrient Management 2. Cropping System Research		02
		5. Dr. B. Duary	1. Weed Science 2. Cropping Systems		03
		6. Dr. G.C. Malik	1. Soil Fertility Management.		02
		7. Dr. S.K. Maity	1. Soil Fertility Management. 2. Conservation Agriculture		04
8. Dr. K. Pramanik	1. Dryland Agronomy 2. Water and Nutrient Management.		05		

Bhavana (Institute)	Department / Centre	Name of the Supervisor	Area of specialization	No. of existing Ph.D. students	Vacancy
	2. Soil Science & Agricultural Chemistry	1. Prof. A.K. Chatterjee	Soil Chemistry and Soil Fertility		02
		2. Dr. S.R. Mitra	Agricultural Chemicals		02
		3. Dr. G.K. Ghosh	Soil Fertility		04
		4. Dr. S. Mondal	Soil Fertility		04
		5. Dr. Y.V. Rao	Agricultural Biochemistry		01
	3. Agricultural Engineering	1. Dr. R. Moitra	Soil and Water Conservation Engineering.		02
	4. Animal Sciences	1. Dr. S.K. Pyne	Animal Science		02
		2. Dr. J.K. Chatterjee	Animal Science		02
	5. Agril Extension, Agril. Economics & Agril. Statistics (EES)	1. Prof. Debasis Bhattacharya	Statistics		02
		2. Prof. Shibaji Chakraborti	Statistics		01
		3. Prof. Kazi M.B. RAhim	Agril. Economics		01
		4. Prof. Swapan B. Mukhopadhyay	Agril. Extension		--
		5. Prof. Debabrata Basu	Agril. Extension		04
		6. Prof. Sarthak Chowdhury	Agril. Extension		--
		7. Dr. Bidhan Chandra Roy	Agril. Economics		03
		8. Dr. Debashis Sarkar	Agril. Economics		03
		9. Dr. Siddhartha Dev Mukhopadhyay	Agril. Extension		06
10. Dr. Anindita Saha		Agril. Extension		03	

Bhavana (Institute)	Department / Centre	Name of the Supervisor	Area of specialization	No. of existing Ph.D. students	Vacancy
Palli Samgathana Vibhaga (Institute of Rural Reconstruction)	Anthropology	1. Prof. Manas Ray	Communication Anthropology (Social / Cultural Anthropology)		02
		2. Prof. Onkar Prasad	Social / Cultural Anthropology		02
		3. Dr. Arnab Ghosh	Genetics / Bio-Medical Research (Biological Anthropology)		02
	P.C.K. (Rural Development)	1. Prof. M. Choudhuri	Statistics and Economics Methods		02
		2. Prof. Sankar Majumder	Planning and Public Economics		02
		3. Dr. M.A. Masillamani	Energy and Environment, Women Studies		02
		4. Dr. Santanu Rakshit	Agrarian Relations, Economics & Transition Study of Socio-Economic Differentiation International trade and Impact on Local Structure.		02
		5. Dr. R.N. Pramanik	Living Condition of Agriculture Labour.		02
		6. Dr. Sujit Kumar Paul	Rural Development, Women Studies, Education Micro finance and SHG.		02
	Rural Extension Centre	1. Prof. Amit Hazra	Agricultural Economics, Development Studies, Women's Studies.		02
		2. Dr. Rafiqul Islam	Non-formal Education, Population Education, Elementary Education, Minority Studies.		02

Bhavana (Institute)	Department / Centre	Name of the Supervisor	Area of specialization	No. of existing Ph.D. students	Vacancy
	Social Work	1. Prof. G.C. Khan	Rural and Urban Community Development, Women Studies, Panchayati Raj and Governance.		02
		2. Prof. K. Bhattacharya	Psychology, Social Psychology, Minority Studies, Culture Personality, Women's Studies.		02
		3. Prof. P.K. Ghosh	Human Resource Management, Human Resource Development, Philosophy, Development & Social Work Practice.		02
		4. Prof. Asok Sarkar	Methodology, Health, Mental Health and Development, Social Work Practice.		02
		5. Dr. M.M. Mukherjee	Social Work Practice, Drug & Substance Abuse, Health.		02
		6. Dr. Debotosh Sinha	Family, Child, Elderly, Industry, Social Work Practice.		02