

**VISVA-BHARATI
SIKSHA-BHAVANA
(Institute of Science)**



**VISVA-BHARATI RESEARCH ENTRANCE TEST (VBRET), 2011
FOR SIKSHA-BHAVANA, VISVA-BHARATI**

VBRET, 2011 for different Departments/Centres under Siksha-Bhavana will be held on 28th August, 2011. Candidates having Master's Degree with a minimum of 55% marks or B+ grade in the concerned and allied subject preceded by a Bachelor's Degree or an equivalent degree from a recognized University /Institute may apply for the same in plain paper along with the attested copies of documents stating Name, Name of Father/Guardian/Husband, Address, Telephone Number, E-mail ID, Date of Birth, Sex, Marital Status, Category, Educational Qualifications. Area of interest and Research Experience, if any. An attested passport size photograph of the candidate should be pasted on the application. Due relaxation shall be given to the applicants belonging to the reserved categories as per the rules of the Government of India. Applications must reach the respective Office of the Head of the Department/Professor-in-Charge of the Centre under Siksha-Bhavana, Visva-Bharati on or before **20th August, 2011**.

Syllabus for VBRET will be same as that of M.Sc. Syllabus of Visva-Bharati for the concerned subject in which the test is held. For any other information, candidate may contact respective Departments/Centres.

Date, Time and Venue of Examination of VBRET is as follows:

Date: 28th August, 2011 (Saturday)

Time: 11 AM to 1:30 PM (2 hours 30 minutes duration)

Venue of the Examination: Respective Department/Centre

The vacancy list for enrollment of Ph.D. scholars in different Departments/Centres under Siksha-Bhavana of for the session 2011-2012 is given below:

Ref.No.SB-109/RET/2011-2012

Dated: 5th August, 2011

**Adhyaksha
Siksha-Bhavana
Visva-Bharati**

Department of Chemistry

<i>Sl. No.</i>	<i>Name of the Faculty Members</i>	<i>No. of Ph D Students at present</i>	<i>No. of vacancy to be filled through RET December, 2010</i>	<i>Field of Research/ Specialization</i>
1.	Prof. I.N. Basumallick	01	04	Nano Science and Electro Chemistry
2.	Prof. D.N. Choudhury	Nil	Nil	Nil
3.	Prof. A.K. Das	Nil	Nil	Nil
4.	Dr. B. Mondal	02	02	Chromatography
5.	Dr. G. Brahmachari	Nil	Nil	Nil
6.	Dr. G.K. Das	02	01	Organic Chemistry / Molecular Modeling
7.	Dr. P. Sarkar	05	01 (NET qualified)	Theoretical Chemistry
8.	Dr. P. Chowdhury	Nil	Nil	Nil
9.	Dr. S.K. Chandra	01	06	1. Structural Inorganic & Bioinorganic Chemistry. 2. Magnetochemistry
10.	Dr. A. Majee	04	Nil	Nil
11.	Dr. B.K. Dolui	Nil	Nil	Nil
12.	Dr. N.A. Begum	05	01 (Net qualified)	Organic Chemistry / Natural Product Chemistry & its application in Nano Science & Technology
13.	Dr. B.C. Bag	03	Nil	Nil
14.	Dr. M. Seikh	Nil	Nil	Nil
15.	Dr. K.C. Bhowmick	01	01	Organic synthesis
16.	Dr. A. Hajra	05	Nil	Organic synthesis
17.	Dr. M. Ghosh	02	Nil	Theoretical Physical Chemistry
18.	Dr. B. Dey	Nil	01	Supramolecular Chemistry
19.	Ms. Bula Singh	Nil	Nil	Nil

Total Intake=17: Category wise break-up [General=09,OBC=05,SC=03,ST=01]

Department of Mathematics

<i>Sl. No.</i>	<i>Name of the Faculty Member</i>	<i>No. of Ph D Students at Present</i>	<i>No. of Ph D Students to be taken in 2010-2011</i>	<i>Field of Research/ Specialization</i>
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)	03	Biomechanics & Mathematical Biology
4.	Prof. Swapan Raha	03	01	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)	03	Mathematical Biology
7.	Dr Madan Mohan Panja	Nil	01	Universal Format of Nonlinear Ordinary Diff. Eq. & Wavelet Numerical Analysis
8.	Dr Tarapada Bag	02	01	Fuzzy Functional Analysis
9.	Dr Dibyendu Banerjee	02	02	Complex Analysis
10.	Dr Tapas Ray Mahapatra	01	02	Fluid Dynamics
11.	Sri Anjan Kumar Bhuniya	Nil	03	Theory & Applications of Semigroups and Semirings
12.	Dr Subhasis Ray	Nil	02	Real Function Theory
13.	Dr Amar Prasad Misra*	02	Nil	Plasma Dynamics
14.	Sri Kalyan Hansda*	Nil	Nil	-
15.	Sri Lakshmi Narayan Guin	Nil	Nil	-
16.	Prof. Puspajit Mandal	Nil	01	Quantum Scattering Theory
	TOTAL	24 + 2 (CME)	26 + 1 (CME)	

Note: *Dr Amar Prasad Misra (Lecturer) is on Study Leave.

*Sri Kalyan Hansda (Lecturer) – NET qualified. *Sri Lakshmi Narayan Guin (Lecturer) – NET qualified.

Total Intake=27: Category wise break-up [General=14, OBC=07, SC=04, ST=02]

**Integrated Science Education & Research Centre
(ISERC)**

<i>Sl. No.</i>	<i>Name of the Faculty Member</i>	<i>No. of Ph D Students at Present</i>	<i>No. of Ph D Students to be taken in 2010-2011</i>	<i>Field of work/ Specialization</i>
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	02	Environmental Science (Hydrogeology, Water & Soil (Pollution))
5.	Dr Swapan Kumar Pandit	Nil	02	Computational Fluid Dynamics

Total Intake=07: Category wise break-up [General=04, OBC=02, SC=01, ST=01]

Department of Physics

<i>Sl. No.</i>	<i>Name of the Supervisor</i>	<i>No. of students presently working</i>	<i>No. of student to be taken</i>	<i>Field of work/ Specialization</i>
1.	Prof. Taraprasad Chattopadhyay	01 (Unregistered)	02	Electronics
2.	Prof. Somenath Chakraborty	02 (Registered) 02 (Unregistered)	Nil	Astrophysics
3.	Dr. Swapan Mandal	01 (Unregistered)	01	Quantum Optics
4.	Dr. Asmita Sengupta	04 (Registered) 01 (Unregistered)	Nil	Condensed Matter Physics
5.	Dr. Ashis Bhattacharjee	04 (Registered)	02	Condensed Matter Physics
6.	Dr. Biplab Roychaudhuri	Nil	02	Astrophysics
7.	Dr. Buddhadev Mukherjee	Nil	02	Nuclear Physics
8.	Dr. Amitava Bandyopadhyay	Nil	02	Atomic and Molecular Spectroscopy, Laser Physics
9.	Pijush K. Ghosh	Nil	02	Mathematical Physics, Particle Physics

Total Intake=13: Category wise break-up [General=07,OBC=03,SC=02,ST=01]

Department of Statistics

<i>Sl. No.</i>	<i>Name of the Faculty Member</i>	<i>No. of Ph.D. Students at present</i>	<i>No. of Ph.D. Students to be taken during 2010-2011</i>	<i>Field of Research/ Specialization</i>
1	Dr. S. S. Maiti	02	02	Reliability Theory/ Survival Analysis, Industrial Statistics, Operations Research
2	Dr. A. Sarkar	01	01	Design of Experiment

Total Intake=03: Category wise break-up [General=02,OBC=01]

Department of Computer & System Sciences

<i>Sl. No</i>	<i>Name of the faculty member who will act as supervisor</i>	<i>No. of Ph.D Students supervising at present</i>	<i>No. of students (Ph.D) to be taken in 2010-2011</i>	<i>Field of research/ Specialization</i>
1	Prof. Paramartha Dutta	04	01	Quantum Intelligence
2	Prof. Alak Kumar Datta	02	01	Approximation Algorithm, Graph Algorithms
3	Prof. Balaram Bhattacharya	02	01	Data Mining / Bioinformatics
4	Dr. Utpal Roy	02	01	Software Engg./ Pattern Recognition, Networking

Total Intake=04: Category wise break-up [General=02,OBC=01,SC/ST=01]

Centre for Environmental Studies (CES)

<i>Sl. No</i>	<i>Name of the faculty member who will act as supervisor</i>	<i>No. of Ph.D Students supervising at present</i>	<i>No. of students (Ph.D) to be taken in 2010-2011</i>	<i>Field of research/ Specialization</i>
1	Dr. S. Balachandran	03	02	Environmental microbiology, Soil Pollution
2	Dr. P.K.Patra	02	03	Environmental Geology, Environmental Meteorology
3	Dr. P.K.Padhy	05	02	Air pollution & Plants, Environmental Pollution and health
4	Prof. S. Chaudhury	03	03	Bioremediation, Environmental Toxicology

Total Intake=10: Category wise break-up [General=05,OBC=02,SC=02,ST=01]

Department of Zoology

<i>Sl. No</i>	<i>Name of the faculty member who will act as supervisor</i>	<i>No. of Ph.D Students supervising at present</i>	<i>No. of students (Ph.D) to be taken in 2010-2011</i>	<i>Field of research/ Specialization</i>
1.	Prof. Arun Kumar Ray	03	01	Fish Biology
2.	Prof. V.C. Joy	02	Nil	Ecology & Soil Zoology
3.	Prof. Panchanan Nath	02	01	Fish Reproductive Physiology
4.	Prof. Saumen Kumar Maitra	05	Nil	Environmental Endocrinology
5.	Prof. Parimalendu Halder	03	01	Entomology
6.	Prof. Santi Prasad Sinhababu		01	Parasitology
7.	Prof. Santanu Ray	02	04	Ecological Modelling
8.	Dr. Dipak Kumar Mandal	02	03	Fish Biology
9.	Dr. Anshuman Chattopadhyay	04	01	Genetics
10.	Dr. Larisha Lyndem	01	01	Parasitology
11.	Dr. Samar Kumar Saha	02	01	Fish Biology
12.	Dr. Sudipta Maitra	02	02	Endocrinology of Fish Reproduction
13.	Dr. Surjya Saikia	02	Nil	Aquatic Ecology

Total Intake=16: Category wise break-up [General=08,OBC=04,SC=03,ST=01]

Department of Botany

<i>Sl. No</i>	<i>Name of the faculty member who will act as supervisor</i>	<i>No. of Ph.D Students supervising at present</i>	<i>No. of students (Ph.D) to be taken in 2010-2011</i>	<i>Field of research/ Specialization</i>
1	Prof. S. Mandal	04	02	Plant Biosystematics, Palynology, Aerobiology, Pollination Biology & Medicinal Plants
2.	Prof. S.K. Sen	07	01	Microbiology
3.	Prof. S. Ray	04	01	Phycology
4.	Prof. K. Bhattacharya	01	03	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	05	03	Microbiology & Mycopathology
8.	Dr. S. Mondal	05	02	Taxonomy, Pollination Biology & Palynology

9.	Dr. S.R. Biswas	04	Nil	Molecular Biology (Food oriented)
10.	Dr. C.H. Rahaman	04	03	Pharmacognosy, Anatomy, Etnobotany & Medicinal Plants
11.	Dr. S. Sukul	02	01	Pteridology
12.	Dr. A. Lokho	01	03	Taxonomy & Ethnobotany
13.	Dr. J. Rath	02	04	Phycology
14.	Dr. H. Gupta Joshi	Nil	01	Ecology

Total Intake=26: Category wise break-up [General=13,OBC=07,SC=04,ST=02]

Centre for Biotechnology

<i>Sl. No</i>	<i>Name of the faculty member who will act as supervisor</i>	<i>No. of Ph.D Students supervising at present</i>	<i>No. of students (Ph.D) to be taken in 2010-2011</i>	<i>Field of research/ Specialization</i>
1	Dr. S.P. Adhikary Professor	Three + Two (enrolled at Utkal University, the previous work place) = Five (General)	02	Microbial Technology
2.	Dr. Amit Roy Reader	Five (General)	03	Recombinant DNA Technology

3.	Dr. Nilanjana Das	One (General)	03	Biotic and abiotic stress response
4.	Dr. Jolly Basak	One (ST)	04	Plant-Microbe Interaction
5.	Dr. Narottam Dey	Nil	05	Biotic and abiotic stress response
6.	Dr. Samiran Saha	Nil	01	Microbial Technology

Total=18: Category wise break-up [General=09,OBC=5,SC=3,ST=1]