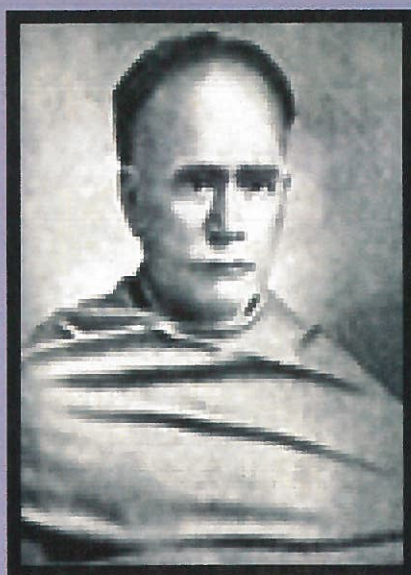


ANNUAL REPORT

2010 - 2011



SPECTRUM

VIDYASAGAR COLLEGE

39, Sankar Ghosh lane

Kolkata - 700 006

A FOREWORD

It is a great pleasure to introduce the Annual Report 2011 of the Vidyasagar College aptly named the SPECTRUM. The Annual Report is published every year on the ANNUAL DAY, the 26th of September to mark the birth anniversary of its founder Pundit Ishwar Chandra Vidyasagar.

The College has been in the forefront in academic as well as multifarious activities towards development for over a century-and-a-quarter. Very few institutions, educational or even otherwise can lay, we humbly submit, such a claim to fame.

First, the College has weathered successive storms of social unrest, independence, the birth of a new India, albeit partitioned, the subsequent moribund decades, and then the angry outburst violence as protest of the late 1960s and the 1970s, the restoration of the democratic process of the late 1970s and thence forward, growing all the time, widening its base among the seekers of truth as knowledge, and attracting students and certainly those maestros who take them through the learning process at progressive higher and more complex levels, towards what was and still the very practical and justifiable goal of gainful employment filled with social accountability.

Second, the College as a social institution targeting the attainment of the correct values continued to comingle freely with the social environment amidst which it had, has, and shall continue to grow, as we said, and develop. This has all been possible because of a solidarity, perhaps slightly rare now down at the level the institution as social organism, participated in by the teachers, the educational employees, and the stream of students who had, have, and shall inexorably pass through the august pedestals of the College- and the founder, the famed Pundit, Iswar Chandra Vidyasagar, we are doubtless in our hearts-and-minds, would have looked to with those soft adoring eyes he had, for The Pundit had been a social engineer and a developer, even an active promoter of both education and social harmony.

The pages that follow in this volume speaks for itself the pleasure, sometimes tinged with struggles inopportune that the College has had to weather in the past academic year. The momentum for infrastructural growth and educational development keeps up its momentum as well its social rhythm.

We stand proud that our alma mater is never out-of-touch with the evolving reality.

A FOREWORD

FROM THE PRINCIPAL'S DESK



Once again it gives me great pleasure to put forward the Annual Report of Vidyasagar College entitled SPECTRUM, for the year 2010 -2011.

The ANNUAL DAY is celebrated by the college on 26th September every year, to mark the birth anniversary of its great founder, Pundit Iswar Chandra Vidyasagar. It is also the Prize Distribution day of the College.

The Annual Report of every academic session is also published every year on the ANNUAL DAY of the college.

SPECTRUM 2010-2011 encompasses a report on all activities of the college during the academic year 2010 - 2011 .

Principal

Vidyasagar College

28.09.2011.

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MAJOR ACHIEVEMENTS OF THE COLLEGE (2010 – 2011)

Post Graduate Teaching

1. Post Graduate teaching in Geography had been introduced in the academic session 2009 – 2010 and the first batch of students have successfully completed their POST GRADUATE STUDIES. The third batch of students has been admitted to PG studies in Geography in the 2011 – 2012 academic session. By this endeavor we have been able to honour the glory of one of the oldest and successful Department of this institution in one hand and also make justice to the prospective geographers of the country.
2. Post Graduate teaching in Zoology had been introduced in the academic session 2005 – 2006 and the Department completed 6 years of Post Graduate teaching in the academic year 2010 – 2011. Intake capacity of students in PG Zoology has been enhanced from 26 to 30. A new special paper namely 'Environmental Biology & Ecotoxicology'.

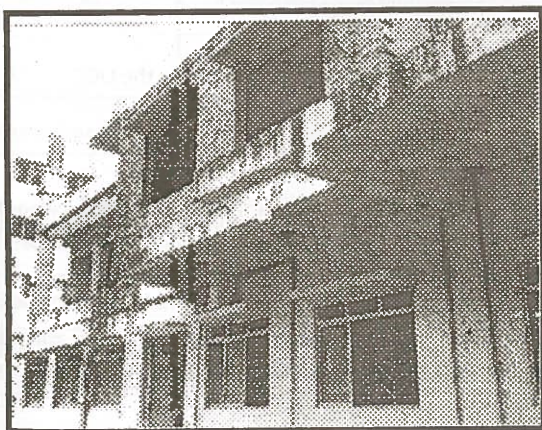
Newly Introduced Departments

1. Honours and General teaching in Food & Nutrition has been introduced from the 2010 – 2011 academic session as an enhanced fee course and the first batch of students have appeared for the Part I examination under the University of Calcutta. The second batch of students have been admitted in the academic session 2011 - 2012.
2. Honours and General teaching in Psychology has been introduced from the 2010 – 2011 academic session as an enhanced fee course and the first batch of students have appeared for the Part I examination under the University of Calcutta. The second batch of students have been admitted in the academic session 2011 - 2012.
3. General teaching in Biochemistry has been introduced from the 2010 – 2011 academic session as a partly self-financed course and second batch of students have been admitted in the academic session 2011 - 2012.
4. Second batch of students have passed out the B Sc Honours degree under the University of Calcutta in Biochemistry, Electronics and Journalism & Mass Communication.
5. Introduction of Education as a General course may be introduced from the next academic session.

The above courses in PG and UG have enhanced our intake capacity by about 180 young learners

Expansion of Infrastructure

1. Vidyasagar College Management is building a new building at Sector II Salt Lake City to meet the demanding need for expansion of infrastructure of this college and in the 2009 – 2010 session we could fully house our two PG departments hence providing immense scope of expansion there.



2. The 1st floor of the building is set to be complete at the Salt Lake Campus and each floor provides 12,000 sq ft area facility.
3. Besides the two Departments, a separate Library with a Librarian-in-charge, Library Assistant has been provided exclusively for the PG students at the Salt Lake Campus.
4. A separate office has been provided to exclusively look after the needs of the PG Departments at the Salt lake campus.

5. Renovation of the Bidhan Sarani Campus has provided 10 extra Lecture Halls and 9 laboratories{ Biochemistry – 2, Computer science – 2, Journalism and Mass Communication – 2, Electronics – 2 and Physiology – 2}

Second Annual Convocation

The PG students of Zoology Department alongwith the first batch of PG students from Geography will be felicitated in its Second Annual Convocation to be held soon.

Star College Facility

Star College Facility is a Department of Biotechnology, Govt. of India sponsored facility which encourages training of our young learners in modern avenues of Biological Sciences. The Zoology Department of this college extends this facility to our college students. Rupees Nine Lakhs is the grant allotted per annum per college, by the Department of Biotechnology. In the second year of the DBT program, various training programmes were conducted in the Zoology Department for the students by various distinguished resource persons from institutes of repute, details of which are provided in Report from the Department of Zoology.

Govt. Approval of College Contractual and Part-time Teachers

18 College Contractual Full-time teachers and 34 Part-time teachers have received approval by the Higher education Directorate, Govt. of West Bengal.

Facility for our Colleagues

- **EPF** : Presently we have 18 teaching and 30 non-teaching staff who are appointed on a contractual or casual basis by the college. They are very important to the college, for the service provided by them is very much essential in the academic expansion process underway, as well as for filling up our academic cavities. The Management has decided to allow all the above intending persons to enter into Employees Provident Fund (EPF) in collaboration with the State Governments PF Department and has gladly agreed to shoulder an additional amount of Rs 3.5 lakhs per annum for this purpose, every year as mentioned in the Annual report 2009 - 2010.
- **ESI** : Non-teaching casual staff with salary below Rs 15,000/- has been included in the ESI scheme (Employees State Insurance) from 2011.
- **GSLI** : All the casual and contractual teaching as well as non-teaching staff have been covered under Group Insurance from the joining date of 28.2.2011, with GSLI (Group Saving Linked Insurance Scheme).

Special Grant from the Education Directorate, Govt. of West Bengal

- Vidyasagar College has been allotted a grant of Rupees Nine Lakhs under the scheme "Performance – cum – Need Based Incentive Scheme for Govt. Aided general Degree Colleges" by the Govt of West Bengal. A soundless generator has been purchased out of this grant.
- A big water-cooler has been installed at the Bidhan sarani Campus for the students with grants from the UGC.

Upgradation of Computer & Network facilities

- Admission procedure of 2011 – 2012 has been completely done through its interactive website www.vidyasagarcollege.edu.in starting from online application, publication of merit lists, intimation of dates for 1st, 2nd, 3rd and 4th Counseling and all relevant and related information.
- 4th Counselling was introduced from the 2011 – 2012 academic session.
- Both undergraduate as well as postgraduate admission of the 2011 – 2012 academic session was done through website and for the first time the entire admission procedure **included on-line banking facilities as a tie-up with Indian Overseas Bank, Sreemani Market Branch, Kolkata 6.**
- To help students' help-desks were also set up in the college.

- Subscription of various peer reviewed journals through N-LIST programme (Funded by ministry of Human Resource Development, Govt. of India) is made available for both teachers and students. Full articles from 2100 electronic journals, 5000 electronic books and a bibliographic database called MathSciNet .Details of e-resources accessible through the INFLIBNET's proxy server (<http://nlist.inflibnet.ac.in>).
- Vidyasagar College library has hosted a website <http://vclibrary.wordpress.com> which is under construction.

Other Miscellaneous Activities

- Remedial Courses for the weaker students with grants received from UGC, which initiated in September 2008 is still continuing, under the able guidance for Dr Chitrita Chaudhuri..
- Coaching classes for the students appearing for the School service commission (SSC) Examination, free of cost for the SC/ST/OBC/minority and economically weak students had been initiated in June 2008 and is still continuing , under the able guidance for Dr Chitrita Chaudhuri.
- College celebrated the 190th birthday of its founder Pundit Ishwar Chandra Vidyasagar and also its Annual Day on 28.09.2010. Prize distribution ceremony was also celebrated on the same occasion.
- The college was centre for BA/BSc Part III examinations under the University of Calcutta during the 2010 – 2011 academic session.
- The college served as Zonal centre for examination of CU in Philosophy in 2011.
- The college continues to serve as centre for various public examinations.
- All departments continue to hold parent-teacher interactions bi-annually.
- The college continues to arrange for unit tests and class tests as per directives of the affiliating University of Calcutta.
- Audit has been completed up to the 2008-2009 financial year for both U.G and P.G.
- **Staff Pattern in the 2010 – 2011 Academic Session**

	Substantive sanctioned posts	In position	Vacant
Teaching	86 (Faculty including Principal, Librarian, Assistant Librarian)	48	38 (including Librarian)
GLI	06	04	Dying posts, not vacant
Non-teaching	47	35	12

- **College Appointed Staff Pattern in the 2010– 2011 Academic Session**

Teaching		Non-teaching		
Contractual Staff	18	Casual	UG	22
Part-time staff	34		PG	08

- In addition, the College authorities have recruited sufficient number of guest lecturers in the academic session 2010 – 2011 to fill up the gaps in academic activities, due to vacancies caused in different Departments after retirement of a large number of full-time teachers from the College in the recent past and most of the substantive posts not being filled up.
- Teachers with proven eminence are invited regularly to visit our Departments and interact with our students of both UG and PG classes.

Retirements: 1.10.2010 onwards

Teaching Staff

1. Dr Sudarshan Maji, Associate Professor, Department of Botany, wef 1.12.2010.
2. Sri Amit Paul, Associate Professor, Department of English, wef 1.02.2011.
3. Sri Prasanta Bandopadhyay, Associate Professor, Department of History, wef 1.03.2011.
4. Dr Archan Kumar De, Associate Professor, Department of Physics, wef 1.03.2011.

Non-teaching Staff

Nil

VIDYASAGAR COLLEGE GOVERNING BODY (2010 – 2011)

PRESIDENT Prof. Sudin Chattopadhyay	
PRINCIPAL & SECRETARY Dr. Tapan Kumar Mishra	TEACHERS' REPRESENTATIVES Smt Sikha Chattopadhyay Sri Abhijit Lahiri Dr. Arunabha Misra Dr. Sheela Roy
GOVT NOMINEES Prof. Madhusudan De Prof. Hem Bhattacharyya	NON-TEACHING REPRESENTATIVES Sri Ratan Das Sri Biswanath Chattopadhyay
CALCUTTA UNIVERSITY NOMINEES Prof. Manindranath Ray Sri Hiralal Sahoo	GENERAL SECRETARY STUDENTS' UNION Smt Dipanwita Sinha
LOCAL COUNCILLOR Smt. Sadhana Bose	

SECRETARY TO THE TEACHERS' COUNCIL : SRI SŌUMEN SARKAR

SECRETARY TO THE SIKSHA-KARMI UNION : SRI LAKSHMI-NARAYAN DE

ROLL STRENGTH OF STUDENTS: LAST 3 SESSIONS

Session	Year		Total										
	1 st Year		Male		Female		Total						
2009 - 2010	Honours (H)		475		461		963						
	General (G)		149		95		244						
	2 nd Year		Male		Female		Total						
	Honours (H)		245		282		527						
	General (G)		263		207		470						
	3 rd Year		Male		Female		Total						
	Honours (H)		202		220		422						
	General (G)		159		127		286						
	TOTAL		2885										
2010 - 2011	1 st Year		Male		Female		Total						
	Honours(H)		453		502		955						
	General(G)		135		106		241						
	2 nd Year		Male		Female		Total						
	Honours (H)		287		343		630						
	General (G)		303		207		510						
	3 rd Year		Male		Female		Total						
	Honours (H)		236		282		518						
	General (G)		199		171		370						
TOTAL		3224											
2011 – 2012	Subject	General		SC		ST		OBC		Minority		Total	
		M	F	M	F	M	F	M	F	M	F	M	F
	Arts (G)	58	62	8	1	0	0	0	1	0	1	66	65
	Biochemistry	9	9	3	2	0	0	0	0	0	0	12	11
	Bio (G)	26	34	3	0	0	1	2	1	1	0	32	36
	Bengali	4	31	4	7	0	2	0	1	0	0	8	41
	Botany	8	21	9	0	0	0	0	0	0	0	17	21
	Chemistry	31	13	5	1	0	0	0	1	1	0	37	15
	Computer Science	5	3	3	1	0	0	1	0	0	0	9	4
	Economics	16	13	1	1	0	0	0	0	0	0	17	14
	Electronics	18	3	1	1	1	0	0	0	0	0	20	4
	English	19	33	5	5	1	1	1	0	0	1	26	40
	Food & Nutrition	1	26	0	1	0	0	0	0	1	0	2	27
	Geography	5	12	7	6	1	0	2	0	5	0	20	18
	GGA	4	6	2	3	1	0	0	0	0	0	7	9
	GGS	14	6	4	2	0	0	1	0	0	0	19	8
	History	18	21	9	6	0	3	0	0	0	0	27	30
	Journalism	12	13	3	4	0	0	0	1	0	0	15	18
	Mathematics	27	11	8	2	1	1	3	1	0	1	39	16
	Physical Sc (G)	10	11	0	0	0	0	0	0	0	0	10	11
	Philosophy	6	28	0	5	0	0	0	0	0	0	6	33
	Physics	27	14	4	2	1	0	3	1	1	0	36	17
	Physiology	9	15	2	3	2	0	1	0	0	1	14	19
	Political Science	17	14	11	7	1	0	1	0	0	1	30	22
	Psychology	1	25	0	6	0	0	0	0	0	0	1	31
	Sanskrit	12	15	10	4	0	1	1	1	2	0	25	21
	Zoology	16	20	1	7	3	0	1	0	0	0	21	27
	TOTAL											516	558
	2 nd Year & 3 rd Year			Yet to be admitted									

Research & Consultancy

- The field work for the Research Project “Preparation of Peoples Biodiversity Register for Minakha G.P. in 24 Parganas” with grant from West Bengal Biodiversity Board, Department of Environment, Government of West Bengal has been completed. Final Report has been submitted.
- Different Faculty members have undertaken research with University of Calcutta, Jadavpur University, IIT Kharagpur, IACS Jadavpur.
- Dr Gobinda Chandra Sadhukhan, from the Department of Zoology is research guide of 1 scholar for M Phil programme for and 1 scholar for PhD programme on ‘Cytogenetics & Molecular Biology’ at the Kalyani University.
- Dr Sheela Roy, from the Department of Zoology is research guide of 1 scholar for PhD programme on ‘Fisheries and Aquaculture’ at the Jadavpur University.
- Dr Sudipa Bandopadhyay from the Sanskrit Department is Guest faculty in the Department of Sanskrit, University of Calcutta, and supervisor of a number of M Phil and Ph D students of the University of Calcutta.

MRP of FACULTY

- 1st instalment of the MRP from UGC of the following faculty has been approved

Name of Faculty	Department	Sanction Letter No.	Approved Grant (Rs)	Amount Received (Rs)
Nirmal Debnath	Zoology	PSW - 070/10-11, dt 20.10.2010	1,85,000	1,32,000
Sumita Chattopadhyay	Political Science	PHW – 062/10-11, dt 21.10.2010	1,17,500	76,250
Purnima Chakraborty	English	PHW – 063/10-11, dt 21.10.2010	93,750	81,875

FDP of FACULTY

- Ms Bhaswati Chatterjee from History Department) is on study leave (F.I.P. from UGC).
- Ms Susmita Das from the Department of Botany has joined the FDP scheme of UGC from July 2011, vide UGC Approval Letter No. TF-WC2 – 001 – 04/08 – 09 (ERO) dated 12.05.2011
- Sri Abhijit Lahiri from the Department of Bengali has joined the FDP scheme of UGC from September, 2011 vide UGC Approval Letter No. TF-WC2 – 001 – 03/08 – 09 (ERO) dated 04.03.2011.
- Sm Indrani Sarkar from the Department of Zoology has joined the FDP scheme of UGC from September, 2011 vide UGC Approval Letter No. TF-WC2 – 001 – 05/08 – 09 (ERO) dated 12.08.2011.

Seminar Grant from UGC

Department	Sanction Letter No.	Approved Grant (Rs)
Chemistry	CW – 158/10 – 11, dated 22.03.2011	1,50,000
Zoology	CW – 078/11 – 12, dated 8.08.2011	1,30,000

Grants Received From UGC

For the 11th Plan Period, in its Interface meeting UGC has assured a total sanction of Rs 65 lakhs for various Developmental Activities of the College. The amounts sanctioned and received under the different heads are as follows:

AMOUNT SANCTIONED AT INTERFACE MEETING		
DEVELOPMENTAL ASSISTANCE	Books & Journals, Equipments and its maintenance, Renovation of building, Improvement of facilities in existing premises, Examination reform, Educational Innovation, Field work/Study tours, Extension Activities etc	Rs 19,00,000
MERGED SCHEME	Improvement of facilities in existing premises, Rejuvenation of old infrastructure (established prior to 15 th August, 1947), Grant for higher proportion of SC/ST/OBC, Common Room and Toilet for Women	Rs 46,00,000
TOTAL		Rs 65,00,000
AMOUNT RECEIVED AGAINST 11TH PLAN in the Academic session 2009- 2010 and 2010 - 2011		
DEVELOPMENTAL ASSISTANCE – (Received Rs 9,00,000/- approx. so far) vide letter No WC2 – 156/07 – 08 dated 25 th March,2009 (3 rd Instalment)		Rs 4,71,648
ADDITIONAL GRANT (EQUIPMENT) vide letter No AGW – 170/10 – 11 dated 28 th December, 2010 (1st Instalment)		Rs 5,06,000
MERGED SCHEME - under the following heads		
(a) Remedial (2nd term):		
(i) Non recurring grant vide letter no. MSWC – 156/09 – 10(ERO) dated 03.02.10		Rs 1,50,000
(ii) Recurring vide letter No MSWC – 156/09 – 10, dated 2 nd March,2011		Rs 2,06,800
(b) Entry into Service (2nd term)		
(i) Non recurring grant vide letter no. MSWC – 156/09 – 10(ERO) dated 03.02.10		Rs 3,00,000
(ii) Recurring vide letter No MSWC – 156/09 – 10, dated 2 nd March,2011		Rs 3,36,000
(c) Councelling Cell (1st time)		
vide letter no. MSWC – 156/09 – 10(ERO) dated 03.02.10		Rs 3,00,000
(Non recurring – 2 lakhs and recurring – 1 lakh)		
(d) Initiative for Capacity Building (1st time)		
vide letter no. MSWC – 156/09 – 10(ERO) dated 30.03.10		Rs 40,000
Books & Journals – Rs 20,000		
Equipments – Rs 20,000		
(e) NRC – UGC (MS) (1st time)		
vide letter no. MSWC – 156/09 – 10(ERO) dated 30.03.10		Rs 2,37,000
TOTAL		Rs 25,47,448

Outreach Activities**Social Service: (NSS)**

The NSS unit of Vidyasagar College was included as a part of the NSS unit of the University of Calcutta with the following as members of its Advisory Committee:

1. Dr Tapan Kumar Mishra (Principal)
2. Ms Anindita Ghosh (Programme Officer)
3. Ms Jhuma Halder (Teacher Member)
4. Ms Madhumita Mitra (Teacher member)
5. Dr Nirmal Debnath (Teacher Member)
6. Sri Lakshmi Dey (Non teaching member)
7. Sm Dipanwita Sinha (Student Member)
8. Ms Ariti Chatterjee (Student Member)
9. Officer – in – Charge (Amherst Street Police Station)
10. Sm Sadhana Bose (Local Councillor)

The following is the report of the activities of the NSS unit during 2010 2011

- Normal safai, literacy and awareness programmes were done during the entire academic year at the adopted slum of Goabagan.
- Commonwealth Awareness programme was conducted on 17.09.2010, where Sri Nisith Biswas from the University was the Guest – in – chief. Liasion officer of CU was also present. The programme included debate, quiz competition, dance, sit and draw by student members of NSS of the College.

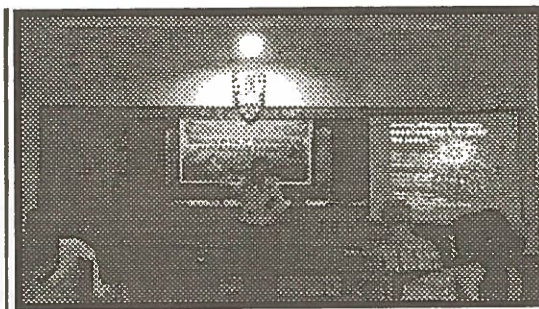
PRIZES (2010-2011)

Cash Prizes			
	Name of Prize	Name of student	Department
1	Vidyasagar College Centenary Medal	Sandip Kumar Bera	Geography
2	Vidyasagar College Centenary Scholarships	Swagatam Dey	Bengali
		Nabanita Pal	Computer Science
3	Nrisingha Chandra Sen Prize	Subhadi Sett	Economics
4	Bela Rani Medal	Manabendra Kuiri	Physics
5	Nilima Banerjee Memorial scholarship	Ipsita Bhattacharya	English
6	H.L.Mitter Gold Medal	Nabanita Pal	Computer Science
7	Ashim Roy memorial Prize	Soma Guchait	Chemistry
8	Aurobindo Guha Life Science Endowment	Brati Debacharya	Botany
		Ankita Ghosh	Zoology
9	Manada Sundari Stipend	Soma Guchait	Chemistry
		Nasim Box	Physics
		Koushik Kumar Kundu	Mathematics
10	Indra Narayan Mitra Memorial Prize	Debadri Sankar Bhattacharya	Bengali General
11	Sudhir Kumar Bose Memorial Endowment	Nabanita Pal	Computer Science
12	Avijit Raha Merit Scholarship	Subhadi Sett	Economics
13	Niladri Bhattacharya Memorial Prize	Manabendra Kuiri	Physics
		Soma Guchait	Chemistry
		Nabanita Chakraborty	Political Science

	Niladri Bhattacharya Memorial Prize	Sudita Chatterjee	Bengali
		Piyali Mitra	History
		Achinta Mondal	Sanskrit
		Upasana Chandra	Philosophy
		Hasina Yeasmin	B Sc General
14	Nakul Chandra De Memorial Prize	Debmalya Ghosh	B Sc General
15	Priya Bala De Award	Shraddha Chakraborty	Zoology
16	Sudhanshu Bikash De Award	Hasina Yeasmin	B Sc General

Seminars Held in the College:

- A one day seminar was organized by the Department of Chemistry, with sponsorship by the College on 12th November, 2010 on the topic "Acharya Prafulla Chandra – the Dedicated Chemist with his contribution towards National Growth of India", to mark the year long celebration of the 150 th Birth Anniversary of Acharya Prafulla Chandra Ray, who was an old boy of this Institution.
- A 2-day UGC sponsored National Seminar was organized by the Department of Chemistry, on 27 and 28th of July, 2011 on "Chemistry in the 21st Century for the benevolence of the Society"



Add On Course (Compulsory Computer Awareness Programme) (2010 – 2011)

Attending a Computer Awareness Certificate Course is compulsory for all students enrolled in the BA/BSc General undergraduate programme. The said certificate course is conducted by the Vidyasagar College Computer Centre. The list of such students for the 2010 – 2011 academic session are as follows :

Stream of students	Number of students admitted	Number of students who attended classes	Number of students who appeared for the exam
BA with Geography (Section GG)	35	30	21
BA without Geography (Section AG)	102	50	70
BSc Bio-general (Section BG)	52	35	29
BSc Pure-general (Section PG)	38	18	12

‘A GUIDE BOOK ON COMPUTER AWARENESS’ has been provided to every student

RESULTS

Results of the Honours teaching subjects of Vidyasagar College, Kolkata, 2011

Departments	College Results												% Success Rate(H)	
	Appeared		1 st Class		2 nd Class		Passed (H)		Passed (G)					
	2010	2011	2010	2011	2010	2011	2010	2011	2010	2011	2010	2011	2010	2011
Biochemistry BCMA	04	11	01	2	03	8	04	10	1	1	100	100	100	100
Bengali BNGA	54	56	--	0	50	52	50	56	0	0	92.59	100	100	100
Botany BOTA	10	16	00	2	09	11	10	16	0	0	100	86.67	100	86.67
Chemistry CEMA	18	19	05	8	11	10	17	19	0	0	94.4	100	100	100
Computer Sc CMSA	17	20	07	6	09	7	17	20	0	0	100	100	100	100
Economics ECOA	04	08	00	1	03	6	04	7	1	1	100	100	100	100
Electronics ELTA	11	12	03	3	08	3	11	12	0	0	100	100	100	100
English ENGA	39	65	--	0	33	53	33	57	8	8	84.62	100	100	100
Geography GEOA	34	34	03	3	30	29	34	32	2	2	100	100	100	100
History HISA	33	48	--	1	33	43	33	46	2	2	100	100	100	100
Journalism JORA	25	32	03	0	19	31	25	32	0	0	100	100	100	100
Mathematics MTMA	16	19	04	3	09	12	09	17	2	2	75.0	94.44	100	94.44
Philosophy PHIA	21	10	--	0	17	9	18	9	1	1	85.0	100	100	100
Physics PHSA	16	19	02	6	11	11	16	19	0	0	92.86	89.47	100	89.47
Physiology PHYA	08	13	04	3	04	8	08	13	0	0	100	100	100	100
Political Science PLSA	17	41	--	1	16	36	16	39	2	2	94.12	100	100	100
Sanskrit SANA	23	38	--	1	19	20	19	27	11	11	82.61	94.12	100	94.12
Zoology ZOOA	21	30	11	7	09	23	20	30	0	0	95.24	100	100	100

Results of General students of Vidyasagar College, 2011

Examination	Enrolled	Absent	PNC	1 st Class	2 nd Class	Pass	Unsuccessful	% of Success
BA (Honours)	290	12	04	03	244	24	2	99.27
BSc(Honours)	201	6	13	44	128	5	5	97.25
Total	491	18	17	47	372	29	7	98.46

RESULTS OF STUDENTS

Department (SCIENCE)	No of Students Appeared	Percentage (45 – 50)	Percentage (50 – 55)	Percentage (55 – 60)	Percentage (60 – 65)	Percentage (65 – 70)	Percentage (> 70)
Biochemistry	10	1	6	1	2	-	-
Botany	15	3	3	3	2	-	-
Computer science	20	2	5	4	5	1	2
Chemistry	19	1	4	6	4	2	2 (598/800)
Zoology	30	4	8	10	7	1	-
Geography	34	5	9	3	2	-	-
Electronics	10	1	2	2	1	1	-
Economics	8	2	1	-	1	1	-
Physics	19	2	2	8	5	-	-
Physiology	12	1	5	3	3	-	-
Mathematics	18	5	4	1	1	1	-
TOTAL	195	27	49	41	33	7	4
Department (ARTS)	No of Students Appeared	Percentage (40 – 45)	Percentage (45 – 50)	Percentage (50 – 55)	Percentage (55 – 60)	Percentage (60 – 65)	Percentage (65 – 70)
Bengali	53	12	25	13	4	-	-
English	62	22	24	4	4	-	-
History	47	11	15	15	3	1	-
Journalism	31	7	9	10	5	-	-
Philosophy	10	3	2	3	1	-	-
Pol Science	39	4	16	13	3	1	-
Sanskrit	36	9	6	5	2	1	-
TOTAL	278	68	97	63	22	3	

DEPARTMENTAL REPORTS

LIBRARY

	Total Collection upto 31.3.2011	Addition in 2010 -2011 upto 31.03.11		Total Collection upto 31.3.10	Total Loss since 1940	Actual Books Strength
		UGC	Lib fund			
Bengali	5874	26		5900	373	5527
English	5064	27		5091	276	4815
Sanskrit	2932	33		2965	91	2874
Hindi	2258	3		2261	67	2194
Pali	122	0		122	1	121
History	3732	17		3749	241	3508
Pol. Sc	2374	22		2396	191	2205
Economics	2383	4		2387	182	2204
Philosophy	2493	32		2525	107	2418
Geography	1560	15		1575	153	1422
Mathematics	2683	21	17	2721	269	2452
Physics	2288	18		2306	250	2056
Chemistry	2053	17		2070	214	1856
Botany & Biology	1446	21		1467	226	1241
Zoology	1016	9		1025	64	961
Physiology	573	7		580	74	506
Electronics	253	21		274	1	273
Computer Sc.	472	35		507	1	506
Anthropology	20	0		20	0	20
Misc. (Ref.)*	4515	14		4529	40	4489
Mol. Biology	28	0		28	0	28
Environmental Sc	34	0			0	34
Journalism	239	15			1	253
Biochemistry	34	19		53	0	53
Psychology	0	0	66	66	0	66
Food & Nutrition	0	0	22	22	0	22
	44446	376	105	44927	2823	42104

- Reference books includes books of Library Science also. This record excludes books donated by the USIS library during 2007-2008 session.

Summary			
Collection upto 31.3.2011	42104	Collection upto 31.3.2010	41717
Reference Books	4489	Reference Books	4476
Text Books	37615	Text Books	37241
No. of subscribed journals	17	No. of subscribed journals	17
Total Journals	13625	Total Journals	13417
No. of Multimedia Resources (CD, DVD, Floppy)	180 & 8		
Employment News added	41		
Karmakshtra	39		

- Subscription for various peer reviewed journals through N-LIST programme (funded by MHRD, Govt. of India) has been initiated for both teachers and students. Full articles are available. Details of e-resources accessible through the INFLIBNET's proxy server (<http://nlist.inflibnet.ac.in>). include

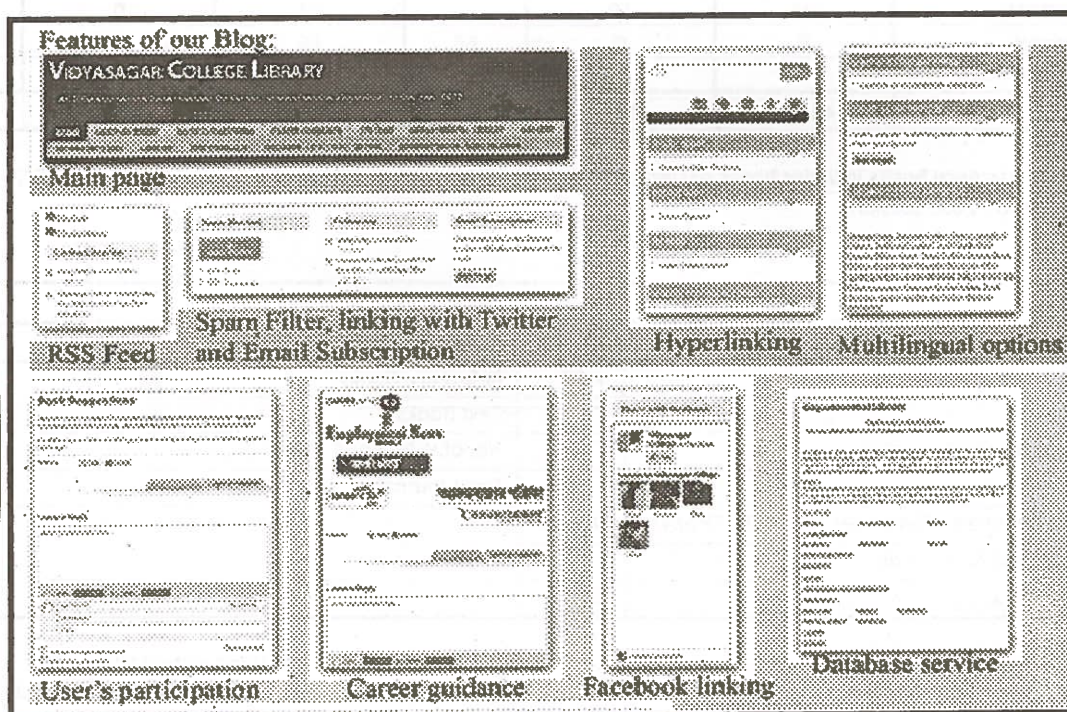
E-resources/Publishers of Electronic Journals	Publishing Country	No. of Journals	Backfiles from
American Institute of Physics	USA	18	Five years
American Physical Society	USA	10	Five years
Annual reviews	USA	33	Ten years
Cambridge University Press	UK	240	Five years
Economic & Political Weekly	India	1	1966+
Indian journals.com	India	150	2007+
Institute of Physics	UK	46	Vol 1+
Oxford University Press	UK	206	1996+
Royal Society of Chemistry	UK	29	Ten years
Wilson omnifile	USA	1,420	1982+
MathSciNet(Bibliographic database)	USA	1	1940+
TOTAL		2,154	

COMPUTERIZED DATABASE IN SOUL SOFTWARE FROM INFLIBNET : Total items : 32,500 approximately

BEST LIBRARY USER DETAILS				DEFAULTER DETAILS (SESSION 2010 – 2011)			
Name of student	Roll No	Session	Reason	Name of student	Roll No	Section	Subject lost
Debasish Sarkar	PH-59	2010-2011	For Lending	Bidhan Chandra Mondal	E – 30	A	3 Eng Books
Suman Sikdar	H-34	2009-2010	For reference	Arnab Mukherjee	EC-39	B	1 Comp Book
				Aishik Das	EL-28	E	Math 1, Phys 1
				Birendra Kr. Pal	PH-67	E	2 Phys Books
				TOTAL LOSS : 7 books			

Other Achievements:

- Introduction of Departmental Library in all Departments and books purchased for them.
- A website has been hosted for the Vidyasagar College Library. Work is in progress.



Library at the Salt Lake Campus

Subject	No. of Books	Subject	No. of Books
Zoology	537	Geography {Books donated by Sikha Chatterjee {Books donated by Sri Ramendra Kumar Ghosh	558 (Total) 17} 246}
MCA	37	Science Journals	116

DEPARTMENT OF BIOCHEMISTRY

- The Department of Biochemistry initiated in the 2007-2008 session as a self-financed course, has completed four successful years of undergraduate teaching. The second batch of students has successfully passed out the B Sc Honours examination.
- Presently there are 3 college full time faculties (namely, Dr Purba Konar, Dr Subarna Gupta and Ms Rozi Ghosh), 1 part time Faculty (Ms Karabi Ghosh) and 4 guest faculty (Ms Sampurna Pal, Ms Mousumi Dutta, Dr Bidyut Kumar Chowdhury and Mr Sumit Ranjan Das) associated with the Department.

Achievements by Students of the Department

- Out of 10 pass outs, 2 students got 1st Class.
- One student is studying M Sc in Biochemistry under Calcutta University, 1 under Madras University, 4 students under Vidyasagar University.
- 1 student got admission in M Sc (Biotechnology) under Kalyani University and 1 got admission in M Sc (Environmental Science) at Asutosh College.

DEPARTMENT OF BENGALI

- The Department of Bengali arranged for a programme on 8th August (22 Sravana) to felicitate the death Anniversary of Rabindranath Tagore.
- Teachers day was also celebrated on 5th September.
- Faculty Sri Abhijit Lahiri has availed of FDP from 1st September, 2011, to do research at Calcutta University under the guidance of Dr Abhijit Majumdar.

Achievements by Students of the Department

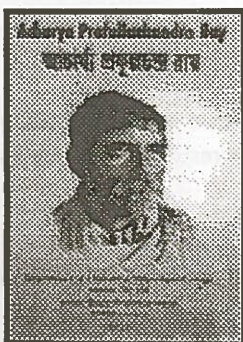
- A total of 52 students appeared for the Part III Honours Examination and all 52 students were successful.
- Students of the Bengali Department have been awarded in the interdepartmental music and dance
 - ❖ Sri Sovan Ganguly (1st, Music) and Sm Debankita Pal (3rd, Dance)
- Sri Sovan Ganguly was awarded 1st prize in two events in a competition held jointly by IBM and Medical College.
- Sri Sovan Ganguly participated in a musical reality show for music organized by a private TV channel and could reach upto the top ten singers. His potentials and capabilities were highly appreciated by film director Sanjay Leela Bansali and singers Sonu Nigam and Sreya Ghoshal.
- Sm Debankita Pal participated in a reality show for dance organized by a private TV channel. Her performance was highly appreciated by the famous film actor Prasenjit, actor and MLA from Barasat Sri Chiranjit and film personalities from Bombay Sm Arpita Pal and Mouli Ganguly.

DEPARTMENT OF BOTANY

- In the Academic Year 2011, 6 of our students have secured high marks and are pursuing Post graduate studies at various premier Universities.
- Our students participated in a workshop sponsored by the DST, govt. of India. The workshop entitled 'Chromosome preparation from rat bone marrow, non-denaturing gel electrophoresis and activity staining for isozymes, in-vitro cell culture, SDS page, Western Blot and total protein estimation from sample.
- A seminar was organized by the Dept of Botany to raise awareness on Biodiversity among students on 09.09.2011. the topic of the seminar was 'UNDERSTANDING BIODIVERSITY'. The resource persons were Dr Mohit Roy and Dr Tapan Kumar Mishra.
- **Publications by Dr. Tapan Kumar Mishra:**
 - ❖ T.K.Mishra and S.K.Banerjee (2011), Sustainability, Sustainable harvesting of Medicinal and Aromatic plants – a review in Environmental Threat, Resource Depletion and Sustainable Management, Eds S.K.Banerjee and R. Sett; Aaviskar Distributors, Publisher : Jaipur, Rajasthan.
 - ❖ T.K.Mishra (2011), Predicted Global forest changes: - Apprehensions and Realities in Climate change – man and environment, Ed Goutam Saha, Daya Publisher, New Delhi.
- Dr Sukanya Bhattacharya, Asso Prof of Botany and Bursar, Vidyasagar College, participated at a National conference organized by Dept of Chemistry and Biochemistry, Jadavpur University. Her article on nanotechnology has been published in the book of abstracts and full paper published in the proceedings.
- Dr Swati Moitra Sen, HOD, Botany, participated in the International Symposium on Palaeoanthropology in Commemoration of the 80th Anniversary of the Discovery of The First Skull of Peking Man and the First Asian Conference on Quaternary research held in Beijing in 2010. She presented a paper entitled "Anthropogenic activities of Coastal areas of Sunderbans", and the article has been published in the book of abstracts. She got full travel grant from UGC for participating in the Symposium. She is also engaged in her minor research project on Sunderban – Mangrove Vegetation sponsored by UGC.
- Smt Susmita Das, Asstt Prof is doing research at Ballygunge Science College under Calcutta University under FDP Scheme. She has recently published a paper on 'Acetylcholine Esterase – inhibitory properties of Piper betel leaves' in Pharmacology Online.
- Smt Paushali Roy, Part time faculty participated in National Workshop on 'Structural Bioinformatics and QSAR' organized by DBT Centre for Bioinformatics, Presidency University & APT Software Avenues Pvt. Ltd. March 4 – 6, 2011. She published a paper on 'Lantibase and Lantibiotics' in Journal of Pharmaceutical and Biomedical Sciences and another paper on 'Pseudoknots in Human SNURPS' in International Journal of Bioinformatics Research.
- Smt Anwasha Mondal, Part time faculty qualified the NET Examination conducted by ICAR. She also participated in National Workshop on 'Structural Bioinformatics and QSAR' and Seminar on 'Traditional Knowledge and Social Practices promoting Biodiversity conservation at Zoological Survey of India, Kolkata.

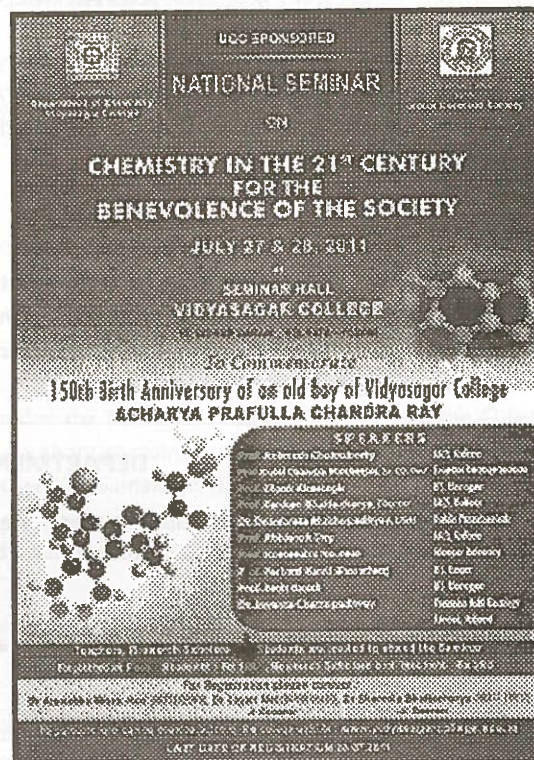
DEPARTMENT OF CHEMISTRY

REMEMBERING ACHARYA PRAFULLA CHANDRA RAY - AN OLD BOY OF VIDYASAGAR COLLEGE



- Department of Chemistry of Vidyasagar College had resolved to commemorate the 150th Birth Anniversary of one of its greatest students, in a befitting manner, by arranging a yearlong programme, which initiated with a one day Seminar on 12th November, 2010 on the topic "*Acharya Prafulla Chandra – the Dedicated Chemist with his contribution towards National Growth of India*", where 4 distinguished speakers in Chemistry namely, ex Prof. of CU Prof. Sukumar Aditya, Prof. Basab Chaudhury, Registrar of University of Calcutta, Prof. Gurunath Mukherjee, Sir Rashbehari Ghosh Professor of Chemistry and Prof Anil Bhattacharya, Educationist and Secretary, FISE gave lectures.

- As culmination of the endeavor, a 2-day UGC sponsored National Seminar was organized by the Department of Chemistry, on 27 and 28th of July, 2011 on "Chemistry in the 21st Century for the benevolence of the Society".
- 10 eminent speakers of National repute in Chemistry were the distinguished speakers. Vice Chancellor of the University of Calcutta, Prof Suranjan Das inaugurated the Seminar. The speakers included Prof Animesh Chakraborty, (IACS); Prof Dulal Chandra Mukherjee (Ex Prof, CU); Dr Abhishek De (IACS); Prof Homendra Naorem (Manipur University); Prof Kankan Bhattacharya (Director, IACS); Prof Parimal Kanti Bharadwaj (IIT,Kanpur); Prof Amit Basak (IIT,Kharagpur); Dr Shunmugam Raja (IISER, Kolkata); Dr Debabrata Mukhopadhyay (Haldia Petrochemicals) and Dr Jayanta Chattopadhyay (Fresenius Kabi Oncology limited).
- The Seminar was attended by more than 120 delegates, faculty of various colleges, students. A proceeding was published on the occasion.
- A departmental seminar was held on 16th February, 2011, where the 3rd year students were the speakers.
- Annual Cultural meet of the Department was held on 5th October, 2010 at the Sabhaghar, where students from all three years participated and put up a wonderful show.
- Students celebrated Teachers day on 5th of September.
- 2011 being the International year of Chemistry, Dr Nirmalendu Mukhoti accompanied 5 students to attend a workshop at Saha Institute of Nuclear Physics.



RESULTS

Students of the Department of Chemistry has produced the maximum number of 1st Class students in the College, 8 out of the 18 students appearing for the Part III examination secured 1st class the pass percentage being 100% in honours.

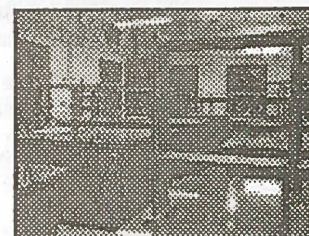
It is very special to mention that Smt Ronita Goral (scoring 589/800) probably secured 6th position among all the candidates appearing for Chemistry Honours Examination under the University of Calcutta in 2011.

5 students got admission in the M Sc course under University of Calcutta, 1 at Jadavpur university Evening M Sc, 2 students at B Tech under University of Calcutta, and 1 student at Ballygunge Science College.

DEVELOPMENT OF INFRASTRUCTURE

The age old Chemistry Honours Laboratory (Inorganic and Organic laboratory) has been thoroughly renovated by a generous grant of Rs 50,000/- from the octogenarian ex-student of this College Sri Himanghu Krishna Mitra and rest from College funds.

- Dr Arunabha Misra, HOD Published 2 books in this year namely (i) PATHOPRODARSHAK PRAFULLACHANDRA and (ii) NANA PRAFULLACHANDRER EKKHANI MALA. Dr Mishra has been elected Executive Committee member of All India People's Science Network. He has also took active participation in organising and participated in a Regional Workshop on climate Change at Kolkata. Dr Misra has delivered a number of invited lectures on various scientific topics.
- Dr Ranjit Kumar Shit, Asso Prof, serves as an External Part Time Evening teacher in PG Course at Jadavpur University. He has attended 'National seminar on Organic Chemistry IV,' 2-3 Feb, 2011; 'On Recent reforms in Education in India – Challenges and Trends Univ B Tan Evening College and Toofangung College, 1st Oct, 2010.
- Dr Nirmalendu Mukhoti is a Guest teacher in the PG department of Chemistry, Sree Chaitanya College, Habra under Barasat State University.



DEPARTMENT OF COMPUTER SCIENCE

A Departmental seminar was organized on 14th January, 2011. In the first session, Prof. Rajat K Pal, Department of Information Technology, Assam University delivered a lecture on "An Algorithm for solving n coins problem behind a Classical Solution on Eight Coins Problem". The second session was chaired by Prof. Pal and students of the first, second and third year spoke on different aspects of algorithm.

RESULTS

The results of the students who appeared for the Part III Examination this year was good. Six out of 20 students scored First Class in the Part III examination. Most of the students have taken admission in the M Sc Programme in Computer Science at the Department of B Tech and Computer Science and Engineering under CU, at St Xaviers College and MCA programmes of several private Engineering Colleges.

DEPARTMENT OF FOOD & NUTRITION

- The department of Food & Nutrition started in the year 2010 and the first batch of 24 students have appeared for the Part I Honours Examination in 2011. 30 students have been admitted to the Honours course and 5 in the General Course of the 2011-2012 Academic session.
- The 2nd year students are going to participate in a UGC sponsored Seminar to be conducted at The Netaji Nagar College. They will present a poster in the said Seminar.
- The College presently has 2 College Full time Contractual Lecturers (namely Dr Sreya Sen and Dr Sudipta Pal) and 2 Guest Lecturers (namely Smt Sampurna Pal and Smt Mousumi Dutta).

DEPARTMENT OF ENGLISH

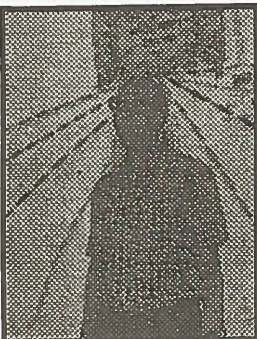
- The English Department at present has 1 full time faculty, 1 Part Time Faculty (namely Sri Debayan Basu) and 4 Guest Faculty (Smt Paroma Basu, Smt Nelanjana Basu, Smt Godhuli Goswami and Sri Arka Chattopadhyay).
- Sri Amit Paul retired on 31st of January, 2011, and the Department organized a hearty farewell function in the Sabhaghar. As he was a very popular teacher, and was loved very much by the students, hence students sang his favourite songs on the occasion.
- **Special classes** : The English Department has started coaching classes for School Service Commission Examination from July 2009. These classes are funded by the UGC Remedial Course Programme under the co-ordination and guidance of Dr Chitrita Chaudhuri. Part time Teacher Sri Debayan Basu is taking the classes at the present. The Department is also taking Remedial classes for the Honours students.
- **PROJECTS** : Dr Purnima Chakraborty is presently working on a UGC Minor Research entitled "Contemporary Detective Fiction" from October 2010.

DEPARTMENT OF GEOGRAPHY

The Department of Geography mourns the sad demise of Dr Jyotirmoy Mukhopadhyay, eminent professor of the Department on 9th September, 2011. Dr Mukhopadhyay had retired from services on 1.6.2010. He will be ever remembered by the Department not only an excellent teacher but also for his excellent humane qualities.

The Department of Geography is one of the oldest and the most prestigious Department of the college. Report of the Department and the activities of the teachers and the students during the last year (2010-11) have been listed below-

- At present there are only 4 permanent teachers. 5 Guest Faculty have been appointed to compensate for the paucity of permanent teachers from the 1st of September, 2011 (namely Sri Rajarshi Dasgupta, Smt Mili Basak, Smt Dwiparna Kundu, Smt Tusi Das and Sri Soumitra Mondal)



- **Performance of the Students:** Each of the 1st, 2nd and 3rd years have 35 Honours students. Out of the 35 students who appeared for the Part III Exam, 3 secured first Class, which is a remarkable achievement since out of 1560 students appearing for the examination, only 35 got 1st Class. Out of them, **2 of our students jointly ranked FIRST CLASS SECOND** in the University.
- 2 of our students who did post-graduation from the University of Calcutta, cleared the NET Exam, and got JRF. A large number of our students have cleared the SSC examination and have been appointed as teachers in different Secondary and Higher Secondary schools of the state.

POST GRADUATE SECTION

- The Post Graduate Department affiliated to the University of Calcutta started functioning in the Salt Lake Campus of our college from 9th November, 2009. It has completed 2 years and the 1st batch of students have completed their MA/MSc courses on 29th August, 2011 on declaration of the Fourth semester results... At present 25 students are admitted to the 1st and 2nd year classes. Out of the 25 students passing out, 1 was absent and 1 got 58%. Rest of the students scored above 60% marks and 8 students scored above 65%.
- **TEACHING STAFF OF THE POST GRADUATE DEPARTMENT:** Besides the Permanent Faculty members of the College, Contractual Full time teachers have been appointed by the College authorities mainly for the Post Graduate Section of the College (namely Sri Biswajit Roy Chowdhury, Smt Moumita Kanjilal and Smt Sumana Roy).
- Besides this, a number of eminent geographers and scholars from different Universities and colleges take regular classes in the PG section. Some of them are :
 - Dr Asis Paul, University of Calcutta
 - Dr Montu Mohan Jana, Ex-head, Dept of Geography, University of North Bengal.
 - Dr Malay Mukhopadhyay, Professor, Visva Bharati.
- Among the outgoing students, one has already joined the M Phil course at the Department of Oceanography, Jadavpur University, and two are working as guest lecturers in eminent colleges of Kolkata.

DEPARTMENT OF HISTORY

- 95.65% of the students have successfully passed out the B A Final Examination and one of the students scored a First Class.
- Asst Professor Smt Bhaswati Chatterjee is continuing her leave on lien for pursuing her research work (FIP).
- Prof. Prasanta Banerjee has retired in February, 2011. He has been substituted by 2 Guest lecturers namely Smt Ushri Mukhopadhyay and Sri Monojit Hazra.
- Remedial Classes for the 1st year and 2nd year Honours beyond the College hours has been initiated.

DEPARTMENT OF JOURNALISM & MASS COMMUNICATION

- This self-financed Department initiated Honours teaching in the 2007 -08 academic session and its second batch has passed out the Part III Examination in the year 2010. Its Faculty strength comprises of 3 College appointed Contractual Full-time Lecturers(Smt Sonarekha Chattopadhyay, Smt Gargi Chakraborty and Sri Avirup Mukherjee), 2 College appointed Guest lecturers(Smt Ananya Bhattacharya and Sri Pinaki Chakraborty).
- The total student strength of the Department is 79 (1st year – 29, 2nd year – 28, 3rd year – 22)
- The Department has 9 computers for print editing, 2 computers for audio visual editing, 1 computer for composing lab journal, 1 digital camera for still photography, 1 digital Handycam, 2 colour printers for office purpose and 1 Laser printer for preparing Lab Journal.
- The Department possesses 3 labs, a seminar library and independent internet connections along with LAN settings.
- Department also publishes a lab journal entitled **WORDS twice in a year** to introduce in-house publication process practically to the students.

Academic Achievements of the Students

- 100% of the second batch of students passed out with honours. 5 students got a chance to study Masters at the University of Calcutta. Rest has appeared in different entrance examinations.
- Some of our pass out students are working as professionals in **BHORER BARTA** (a new Bengali Daily), and intern at **AKASH BANGLA TV Channel**.

Intra college Achievements of the Students

- For the past 3 years our students of the Department have maintained a good record of achieving *Best Cultural Department of the College* in the intra college cultural competition.
- Received the award of Best Drama, written by one of the students of the Department.
- Ranked 1st in MR FRESHER'S COMPETITION organized by RADIO MIRCHI in the college.
- Participated in AKASH BANGLA, CAMPUS BALLOT and our Department won the prize for the Best speaker.
- Participated in TARA BANGLA ROCK BAAZI.

Inter College Achievements of the Students

- Ranked 1st in the Mock Press category at City Centre 2 intercollege Fest and won YAMAKA bike as prize.
- Appeared as finalist in the TECHSTORM ARCHANIA, at B P Poddar Institute.
- Ranked 2nd in the Debate category in IPGMER.
- Ranked 2nd in the Debate category in XAR ULLASH.
- Ranked 2nd in the KHAI KHAI session in XAR ULLASH.
- Ranked 2nd in XAR ULLASH.

DEPARTMENT OF MATHEMATICS

Department of Mathematics presently has 2 substantive faculty positions, so the department was assisted by 2 Part time lecturers namely Sri Nirmalya Maity and Sm Nazmun Nahar and two guest lecturers namely Sri Biplab Maity and Sm Jhuma Ghosh

Result in Part III Examination 2011: 3 students secured first class marks (out of 20 students appearing).

Students' Achievements:

- Smt Sharmila Bhattacharya of the 2007 batch and Sri Biplab maity of the 2009 batch have qualified the UGC, NET Examination.
- Rahul Banerjee of the 2006 batch has obtained his Ph D degree from Jadavpur University.
- Prasenjit Bhowmik of the 2006 batch is doing ph d in E T H at Switzerland.
- Debanik Bhattacharya is now Asstt Prof of Mathematics at Balurghat College.

DEPARTMENT OF PHILOSOPHY

- The Department presently has 2 Associate Professors, 1 Assistant Professor 1 part-time faculty (Smt Arumita Dey) and 1 Guest Lecturer (Smt Jaya Karmakar).
- Smt Madhumitra Mitra (HOD) is doing research for her PhD and published the papers :
 - 'God and Mortality: G E Moore's view' in the Indian Philosophy Congress held at Guwahati university, October 2010.
 - 'Moral superiority of passive Euthanasia' in the proceedings of the Asian Conference on Ethics, Religion and Philosophy, held at Osaka, Japan, March 2011.
- Papers published by Dr Dipannwita Chakraborty :
 - 'Can there be necessary a posteriori truths?' accepted for publication in Philosophical Papers', University of North Bengal..
 - 'Kant's apparently conflicting assertions regarding forms of judgements', accepted for publication in Journal of Philosophy, Jadavpur University.

- Out of 10 students appearing in the Part III Honours Examination, 9 passed with Honours and the highest percentage is 58.25%.

DEPARTMENT OF PHYSICS

- **RESULTS (C.U.) (Part III only):**
19 students appeared for the examination, out of which 6 students passed with First Class, 11 students with 2nd class.
- **Special Achievements By Students Of The Department:**

Sri. Debopriyo Chaudhuri, who graduated from this department in the year 2009 and completed his M.Sc. in Physics from Delhi University in 2011 had been selected as Ph.D. scholar in the department of Physics, Kaiserslautern, Germany where he will join in October,2011.

Sri. Bikramjit Chatterjee, Sri Avrajit Bandopadhyay and Sri Ramchandra Sahoo , who passed B.Sc. in Physics in 2011 from this department have passed the JAM Examination and have joined IIT, Delhi and IIT, Kharagpur this year.

- **SEMINAR CONDUCTED BY THE DEPARTMENT:**

- Two one-day seminars were arranged by the Department in this period of time.
 - i).Topic: "Solar Energy", Speaker: Prof. Partha Chaudhuri, Energy Research Unit, IACS, Kolkata)
Date: 28.2.'11 (12 noon at the College Seminar Hall).
 - ii). Topic: "Physics of Blackholes", Speaker:Prof. Soumitra Sengupta, Department of Theoretical Physics, IACS,Kolkata) and
Topic: "Physics of Environmental Radioactivity", Speaker: Dr. Debabrata Datta, Health Physics Division,BARC,Mumbai), Date: 23.9.'11 (at 12-15 p.m. at the College Seminar Hall).

- Dr. Archan Kr. De, one of our esteemed faculties retired from his service on 28.02.2011. Three new Guest Lecturers, Sri Debraj Chandra, Sri Subhajit Chowdhuri and Smt Urmi Chakraborty were appointed to the Department in the month of September,2011; two GUEST LECTURERS, Sri Suman Das and Sri Krishnendu Shekhar Pal were appointed to the Department in the month of August,2011 to offer special service related to topics in Electronics.

DEPARTMENT OF PHYSIOLOGY

Special Activities of the Department

- Ergonomical projects on evaluation of work stress in manual material handling were carried out by 3rd year Physiology Honours students respectively in 2011 under the guidance of Asis Goswami and Alok Ghosh Chaudhuri.
- 8 students appeared for the part III Honours Examination 2011 and 3 students secured 1st Class

Special Achievements of Faculty

- Alok Ghosh Chaudhuri: (i) Engaged in teaching M Sc Part I at Rammohan College, Kolkata.
(ii)Co-authored a book entitled "Praramvik Jibbidya" in Bengali (1st Edition, 2011) published by Academic Publishers, Kolkata .
- Aindrila Chattopadhyay: (i) Presented a research paper Indian Science Congress, 2011.
(ii) Awarded a Minor Research Project by UGC in March 2010
(iii) Supervising Ph D work of one student at Calcutta University.
- Asis Goswami: Supervising Ph.D work of two students at Jadavpur University.
- Arindam Dalal: Awarded Ph D degree by University of Calcutta in 2011

DEPARTMENT OF POLITICAL SCIENCE

- Department of Political Science presently has 2 substantive faculty positions, so the department was assisted by 2 Part time lecturers namely Sm Sanchita Das and Sm Sayantani Mallick and 1 Guest Lecturer Sri Shibasish Ghosh.
- **Success Rate of Students:** 100 % in all university Exams and 95% in Honours examination.
- Student strength are as follows : Honours – 1st year (50), 2nd year (45), 3rd year (37)
General - 1st year (300), 2nd year (200), 3rd year (80)
- In 2011, 10 students have been admitted in the CU Post Graduation Course. Others are taking preparation for competitive examination.
- Many students have joined jobs at different banks, IT sector, School teaching.
- **Seminars: Department of Political Science celebrated 50 years of teaching in Vidyasagar College** through a seminar entitled 'Feminist Movement' followed by a short documentary. Dr Rajarshi Basu of Rabindra Bharati University was the speaker.
- The Department celebrated Teachers Day and fresher's Welcome.
- Dr Chitrita Chaudhuri, HOD also acts as Convenor UGC Plan Board and helps the College in UGC related matters. She is also the Course Co-ordinator of UGC Remedial and 'Entry into service' Course.

DEPARTMENT OF PSYCHOLOGY

- The Department of Psychology is a newly introduced Honours teaching Self-financed course initiated at the Bidhan Sarani Campus from the 2010 – 2011 academic session.
- The first batch of students comprising of 25 students have appeared for the Part I examinations under the CU.
- The Department has 2 College appointed Contractual Full time faculty and 3 Guest Lecturers.

DEPARTMENT OF SANSKRIT

Special Events of the Department

- Preparatory classes have been started in the Department to help students in getting success in the SSC examination.
- A 2 day workshop was organized by the Department on 11 and 12 MARCH, 2011 on 'Reading and Writing'. Prof Ratna Basu of the University of Calcutta conducted the workshop.

Student's Achievements

- % of success in the Part III examination is 94.12 and 61.76 in Honours. 1 student scored a First Class.
- Pass out students have secured jobs in School, and other organizations.
- Topobrata Chakraborty, a 2nd year student performed a magic show at in Inter college magic competition organized by 'Times of India'. He came first in the show.

Achievements of Faculty

- Dr Sudipa Bandopadhyay received her Ph D degree. She is Guest faculty in the Department of Sanskrit, University of Calcutta, and supervisor of a number of M Phil and Ph D students of the University of Calcutta.

DEPARTMENT OF ZOOLOGY

Composition : (UG and PG)**Faculty Information**

- A. There are 4 Full Time substantive College faculties in the Department.
- B. There are 2 College Full time Faculty in the Department namely – Sri Debasis Karmakar, Sri Prantik Ghosh
- C. There 4 part time faculty in UG namely – Sri Arnab Basu, Smt Sruti Mitra, Sri Soumashis Pal, Mrs Papiya Dutta.
- D. There is 1 Guest teacher in PG namely Dr Kaustav Dutta Chowdhury.
- E. There are 9 Guest Lecturers for the UG namely, Dr Arunachal Chatterjee, Sri Arijit De, Sm Mahasweta Chatterjee, Sm Senjuti Bhattacharya, Sm Gargi Sarkar, Sm Moumita Ghosh, Sm Mandakranta Dasgupta Sm Ananya Das and Sm Debibrata Banerjee.

Results

UG – 24 students appeared for the Part III exam of CU, all 24 passed Honours and 7 students got 1st Class.

PG – 25 students appeared for the M Sc examination. All 25 passed, securing 1st Class.

Details of Research Grant and Ongoing Projects Received from Different Funding Agencies

- DBT Sponsored Biotechnology, Education and Training Grants under STAR COLLEGE SCHEME project – 102/IFD/DBT/SAN/1902/2008 – 09, Rs 7,00,000/- was sanctioned to the department of Zoology, Vidyasagar College for strengthening of life science and biotechnology education and training at undergraduate level.
- Department received 4 Minor Research projects from UGC :
 - An immunogenetical approach of chemo-preventive/ameliorative microdose effect on induced hepatocarcinomain mice, Sanction No PSW – 071/10 – 11 (ERO), Rs 1,76,500/- to Dr Gobinda Chandra Sadhukhan.
 - Observation of breeding behavior of white breasted hen *Amaurornis pjoenicurus* in the wetland of Behala, Kolkata, Sanction No S PSW – 092/09 – 10 (ERO), Rs 98,500/- to Dr Sheela Roy.
 - Diversity of mites associated withinsects on field crops and medicinal plants in South Bengal, Sanction No PSW – 070/10 – 11 (ERO), Rs 1, 85,000/- to Dr Nirmal Debnath.
 - Breeding biology of two freshwater prawn, *Macrobrachium lamarrei* and *Macrobrachium dyanum*.
- Department received 1 major Research Grant from State DST .on 'An assessment and conservation of the fishery resources of Ichhamati River with special reference to ecology and breeding biology of some indigeneous fishes of the river. Sanction No 474(sanc)/ST/P/S&T/5G – 4/2010 for Rs 8, 16,400/- to Dr Sheela Roy.
- A Seminar grant has also been received from UGC for organizing a National Seminar by November – December 2011, in collaboration with Zoological Survey of India, Kolkata for Rs 1, 30,000.

List of Research Publications in SCI Journals from the Department

- Ornamental fish trade with focus on Howrah market, West Bengal, India., Sheela Roy, Anamika Paul, Ashim nath, Fishing Chime, 30(7)24 – 28, 2010.
- Aphids (Homoptera: Aphididae) and their association with ants in and around Kolkata, Sarmee Sarkar, Nirmal Debnath, Shelly Acharya, L.K.Ghosh, Journal of Aphidology, 24,(1&2), 71 – 84, 2010.
- Preliminary study onseasonal abundance and fluctuation in population of insects on pitfall trap from two different bio Eco zones and Kolkata and Purulia, West Bengal, Satabdi Sen, Nirmal Debnath and L.K.Ghosh, Journal of experimental Zoology, 14(1), 285-294, 2011.
- Isozyme polymorphism of *Anabas testudineus* as a marker for heavy metal toxicity in natural water, Debjani Ghosh, Debasis Karmakar and Sagartirtha Sarkar, Proceodings of DST sponsored Sir J c Bose memorial National symposium on Modern Trends in Animal Science Research and Challenges of the Day, 60 – 61, 2011.
- S-allyl cysteine in combination with clotrimazole downregulates FAS induced apoptotic events in erythrocytes of mice exposed to lead, Samir Mondal, Sudip Mukherjee, Kaustuv Dutta Chowdhury, Avik Sarkar, Kankana Basu, Soumasish Pal, Debasis Karmakar, Mahasweta Chatterjee, Tuli Biswas, Gobinda Chandra Sadhukhan and Gargi Sen, BBA, Elsevier (communicated).

Papers Communicated in Conference Proceedings

- UGC sponsored State Level Seminar on Conservation of Biodiversity, Assessment and Awareness, by Debasis Karmakar, Gobinda Chandra Sadhukhan, Oct 29 – 30, 2010.

- UGC & UBKV sponsored Seminar at A.B.N.Seal College(2) papers, Coochbehar, one by Arnab basu, Sheela Roy, Prantik Ghosh et al and another by Sheela Roy et al., Nov 15-16, 2010
- UGC Sponsored National Seminar in Collaboration with BSI, ZSI, MoEF, by Sheela Roy and Arnab Basu, at Lady Brabourne College, Kolkata, Jan 20 – 21, 2011.

Seminars/Workshops/Symposia Attended by Faculty and Students

- Dr G.C.Sadhukhan (4), Dr Sheela Roy (2), Dr N Debnath (1), Sri D Karmakar (2)

Eductional Excursions conducted by the Department

- Students of 2nd year Zoology Honours went for excursion to Bharatpur; Sariska and Ranthambore wildlife sanctuaries, Rajasthan, in November, 2010.
- Students of 2nd year Zoology General went for excursion to Gobardanga State Poultry Farm, Rajasthan, in February, 2011.
- Students of 2nd year Zoology Honours went for local excursion to Indian Museum and Zoological Garden, Kolkata, in February, 2011.
- Students of 3rd Semester, M Sc in Zoology went for excursion to Panchlingeswar & Kuldiah Wildlife Sanctuary in Orissa in Novermber, 2010.
- Students of 3rd Semester, M Sc in Zoology went for field work and lab visits to Bluetech Dynamic at Baruipur, CNClat Hazra, WBUT, Salt Lake in 2010 – 2011.

Training Programmes conducted by the Department under DBT sponsored STAR COLLEGE scheme.

1. Techniques in Biotechnology, for 2nd year Bioscience Honours students, 14 – 15 June, 2011.
2. Techniques in Biotechnology, for 1st year Bioscience Honours students, 29 – 30 August, 2011.
3. Industrial visit to 'East India Pharmaceuticals, Behala, Kolkata, for Bioscience Honours students, in May, 2011.

TECHNIQUES TAUGHT IN THE TRAINING PROGRAMME

1. DNA isolation from whole body of *Drasophila ananassae* and liver tissue of white rat.
2. RAPD-PCR for amplification of the isolated genomic DNA..
3. Agarose gei electrophoresis for demonstration of DNA patterning.
4. Running of Denaturing as well as Nondenaturing Polyacrylamide Gel electrophoresis to see the protein patterns of desired tissues.
5. Animal mitotic chromosome preparation from mouse bone marrow tissue.
6. Plant mitotic chromosome preparation from root tip cells of onion.
7. Isolation of Plasmid DNA and AGE.
8. Demonstration of Southern Blot technique.
9. Micronucleus test (MNT) for mutagenicity of odd agents.
10. Demonstration of Human karyotype and genome organization – its usefulness.
11. Cell Culture – short term macrophage/leucocyte culture.
12. Theoretical demonstration of Recombinant DNA, cell Cloning and Gene cloning – its promises.
13. SDS – PAGE and Western Blots for proteins.
14. Bacteria culture techniques.
15. Plasmid DNA isolation.

Honour

- Dr G C Sadhukhan has been member of UG Board of studies in Zoology, University of Kalyani.
- Sri Kaustav Dutta Chowdhury has been awarded Ph D by Jadavpur University.
- Dr Gobinda Chandra Sadhukhan, from the Department of Zoology is research guide of 1 scholar for M Phil programme for and 1 scholar for PhD programme on 'Cytogenetics & Molecular Biology' at the Kalyani University.
- Dr Sheela Roy, from the Department of Zoology is research guide of 1 scholar for PhD programme on 'Fisheries and Aquaculture' at the Jadavpur University.

BOOKS AND JOURNALS PROCURED

- Books – 50 approx from different MRP s and STAR COLLEGE grant with an estimated cost of Rs 1, 00, 000/-
- Journals – Current Science (IISc, Bengaluru), Indian journal of biotechnology (CSIR), Indian Journal of Experimental Biology (CSIR), Proceedings of Zoological Society(ZSI, Kolkata)

INSTRUMENTS PROCURED

1. LCD display
2. Interactive Board with visualizer.
3. Microscopes (Binocular research type) – 04
4. Microscopes (Monocular student type) – 10
5. Microscope (trinocular Research type) – 03
6. Camera – 3 (Digital, 1 SLR compatible with trinocular microscope)
7. Water testing equipments like conductivity meter.
8. Aquarium facility for Fishery research
9. Submarine horizontal Gel apparatus.
10. Vertical mini system gel apparatus.
11. CO₂ Incubator with cylinder and regulators.
12. Shakers – one rocking type and one undulating type.
13. Computers – 3 sets with accessories
14. Colorimeter – 2 sets.
15. Tripod and Screen.



EXTENSION WORK AND LABORATORY RENOVATION

1. Opening a new special paper, 'Environmental Biology & Eco-toxicology'
2. Preparation of 'Environmental Biology & Eco-toxicology' laboratory.
3. Preparation of 'Bioinformatics' laboratory with AC facilities by partial assistance of STAR COLLEGE grant.
4. Preparation of Microbiological Culture Chamber.
5. Preparation of a dark room for molecular biology research.
6. Preparation of a Zoological Museum in PG section of Department.
7. Preparation of well-equipped animal Room with AC facility.
8. Enhancement of 4 more seats in PG studies from the 2011 – 2012 academic session.

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