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VIDYASAGAR COLLEGE

39, SANKAR GHOSH LANE  
KOLKATA 700 006

## A FOREWORD

It gives immense pleasure to introduce the Annual Report 2013 of Vidyasagar College aptly named the **SPECTRUM**.

**VIDYASAGAR COLLEGE** is a living evidence of the fact of history: it truly stood the test of time, spreading the light of education among the people, as thousands of students are shaped every year and are encouraged to go forward to face the realities of life in a befitting manner. This college known for its rich and glorious legacy has thus contributed immensely to the field of education and been in the forefront of the academic arena for over a century and forty years. Very few institutions under the University of Calcutta can claim to such fame.

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.

This has all been possible because of a solidarity, as the institution as a social organism, is participated in by the teachers, the educational employees, and the stream of students who have and shall inexorably pass through the august pedestals of the College for the founder – the Pundit had been a social engineer and a developer, even an active promoter of both education and social harmony.

The Annual Report **SPECTRUM** is published every year on the **ANNUAL DAY** of the College, the 26<sup>th</sup> of September to mark the birth anniversary of its founder Pundit Ishwar Chandra Vidyasagar. **SPECTRUM** focuses the all-round activities of the College, its students, teachers in the academic year 2012 – 2013.

## The President's Concern



*I am very glad to come to know that college is going to celebrate its Annual Day on 27<sup>th</sup> September 2013.*

*This esteemed & prestigious college serves for the state and the nation from the very beginning of its academic performances by supplying meritorious and hard working students. I am also happy to know that the college now has a D.B.T. sponsored star college dept.- the Zoology. The college and recently has been shortlist for receiving award of star college status by Ministry by Science & Technology entertains two postgraduate courses (C.U. affiliated) on Zoology and Geography. The faculties and the students of all disciplines perform their excellence in academic and non-academic areas.*

*I extend my heartiest warmth to enliven the activities of this institution in further.*

**Prof. Jiban Mukhopadhyay**  
**President- Governing Body**

**Vidyasagar College**  
**27.09.2013**

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## **FROM THE PRINCIPAL'S DESK**

*I feel privileged to put forward the Annual Report of Vidyasagar College entitled SPECTRUM, for the year 2012 -2013.*

*The birth anniversary of the founder of this great institution – Pundit Ishwar Chandra Vidyasagar is celebrated by the college on 26<sup>th</sup> September every year. This day is also marked as the ANNUAL DAY 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.*

*This academic year, our institution has excelled in the academic domain, as far as the University of Calcutta results are concerned.*

*There have also been significant contributions from all sections of the college towards all round development of the college. SPECTRUM 2012 – 2013 encompasses a report on all activities of the college during this academic year.*



**Dr.Tapan Kumar Mishra**  
**Principal**

**Vidyasagar College**  
**27. 09. 2013.**

### MAJOR ACHIEVEMENTS OF THE COLLEGE (2012 – 2013)

**1. Post Graduate Studies:** Post Graduate teaching in Geography had been introduced in the academic session 2009 – 2010 and the second batch of students has successfully completed their POST GRADUATE STUDIES. The fifth batch of students has been admitted to PG studies in Geography in the 2013 – 2014 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. Enhancement of Intake capacity:** In post graduate department of Zoology and Geography under C.U., excellent academic performance has inspired to enhance, the intake capacity from 30 to 45 in each of these departments from the academic session of 2013 -14. Dept. of Zoology has been shortlisted to receive STAR status by DBT, Ministry of Information and Technology, Govt. of India under STAR college scheme for its excellent performance and the scheme has been extended for another term of 3 years from 2012 -13 to 2014 -15.



**3. Introduction of 100 % online admission system:** both UG (Honours and General) and PG courses have followed a by introducing 100 % online admission procedures.

**4. Newly created UGC post:** Govt. of West Bengal has approved 3 new posts in department of Zoology and 2 posts in Geography

**5. Success Rates of students:** Among 216 students of B.A. Honours appeared in Part-III Examination, 2013, 8 achieved 1<sup>st</sup> class, 180 2<sup>nd</sup> class with a pass rate of 96.56%. Among 283 students of B.Sc Hons in the same examinations, 105 achieved 1<sup>st</sup> class, 134 2<sup>nd</sup> class with a pass rate of 97.33%. Thus in total 499 students has appeared in the final examinations, 2013, from which 113 got 1st class while 314, 2nd class; with a total of 97.43 % pass rate.

#### **6. Facility for our Colleagues:**

- ✓ **Pay hike:** The salary of all casual non-teaching staff has been increased by 12.5 % for 2 (two years) i.e. 01.07.13 – 30.06.15.
- ✓ **EPF:** Presently we have 30 non-teaching staffs who have been 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 2011 - 2012.
- ✓ **ESI:** Non-teaching casual staff with salary below Rs 15,000/- has been included in the ESI scheme (Employees State Insurance) from 2012.
- ✓ **GSLI:** All the casual and contractual teaching as well as non-teaching staff have been covered under Group Insurance from the joining date of 28.2.2012, with GSLI (Group Saving Linked Insurance Scheme).

#### **7. Computer & Network facilities:**

- ✓ Admission procedure of 2013 – 2014 has been completely done through its interactive website [www.vidyasagarcollege.edu.in](http://www.vidyasagarcollege.edu.in) starting from online application, publication of merit lists, intimation of dates for 1<sup>st</sup>, 2<sup>nd</sup>, and 3<sup>rd</sup> Counseling and all relevant and related information.
- ✓ Both undergraduate as well as postgraduate admission of the 2013 – 2014 academic session was done through website and the entire application procedure was conducted using Banking facilities of Indian Overseas Bank, Sreemani Market Branch, Kolkata 6 and fees collection was done as a tie up with Sate

• **Bank of India , College Street Market (North) 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. Details of e-resources accessible through the INFLIBNET's proxy server (<http://iproxy.inflibnet.ac.in:2048/login>)
- ✓ Vidyasagar College library continues to host its website <http://vclibrary.wordpress.com>.
- ✓ Vidyasagar College continues to utilize NETWORK RESOURCE CENTRE for its staff and students at the Salt Lake Centre with financial aid from the UGC.
- ✓ **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 are still continuing, under the able guidance for Dr Chitrita Chaudhuri.
- ✓ College celebrated the 192<sup>nd</sup> birthday of its founder Pundit Ishwar Chandra Vidyasagar and also the Annual Day on 28.09.2012. Prize distribution ceremony is also celebrated on the same occasion.
- ✓ The College was centre for BA/BSC Part III examinations under the University of Calcutta during the 2012 – 2013 academic session.
- ✓ The College served as Zonal centre for Part II examination under CU in Bengali and Chemistry General in 2012.
- ✓ 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.

**Retirements: 1.10.2013 onwards**

**Teaching Staff**

1. Dr Upal Dutta Gupta (Associate Professor in Philosophy) retired w.e.f 1.4.2013

□ **Staff Pattern in the 2012 – 2013 Academic Session**

	Substantive sanctioned posts	In position	Vacant
Teaching	86 (Faculty including Principal, Librarian)	44	42 (including Librarian)
GLI	06	03	Dying cadre
Non-teaching	47	31	16

□ **College Appointed Staff Pattern in the 2010– 2012 Academic Session**

Teaching		Non-Teaching		
Contractual Staff	14 (UG) + 5 (PG)	Casual	UG	23
Part-time staff	28		PG	07

- In addition, the College authorities have recruited 85 guest lecturers in the academic session 2012 – 2013 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.

**VIDYASAGAR COLLEGE GOVERNING BODY (2012 – 2013)**

<b>PRESIDENT</b>	
<b>Prof. Jiban Mukhopadhyay</b>	
<b>PRINCIPAL &amp; SECRETARY</b> Dr. Tapan Kumar Mishra	<b>TEACHERS' REPRESENTATIVES</b> Dr Swati Moitra Sen Sri Abhijit Lahiri Dr. Arunabha Misra Sri Soumen Sarkar
<b>GOVT NOMINEES</b> Dr. Madhusudan De Prof. Hem Bhattacharvya	<b>NON-TEACHING REPRESENTATIVES</b> Sri Amiya Kanti Bhattacharya Sri Partha Mondal
<b>CALCUTTA UNIVERSITY NOMINEES</b> Dr Korak Chaki Prof. Uday Shankar Hazra	
<b>LOCAL COUNCILLOR</b> Smt. Sadhana Bose	<b>GENERAL SECRETARY STUDENTS' UNION</b> Sri Sourav Shau

Secretary to the Teachers' Council: Srimati Sumita Chattopadhyay.

Secretary to the Siksha-Karmi Union: Sri Debabrata Sanyal

**Research & Consultancy**

- Different Faculty members continue to undertake 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.
- Dr Aindrila Chattopadhyay from the Department of Physiology is Principal Supervisor of 3 research students for their PhD work, registered under the University of Calcutta.

**Research Grants**

- One Major Research Grant from State-DST (State-Department of Science & Technology) and the work in progress successfully towards its completion: An assessment and conservation of the fishery resources of Ichhamati River with special reference to ecology and breeding biology of some indigenous fishes of the river. Sanc. No. 474(sanc./ST/P/S & T/5G-4/2010. Rs. 8,16,400/= was sanctioned to Ms. Dr. (Ms.) Sheela Roy, Associate Professor, Dept. of Zoology, Vidyasagar College,

**MRP of FACULTY**

Name of Faculty	Department	Sanction Letter No.	Approved Grant (Rs)
Gobinda Chandra Sadhukhan	Zoology	PSW – 071/10-11	1,76,500
Nirmal Debnath	Zoology	PSW - 070/10-11, dt 20.10.2010	1,85,000
Sumita Chattopadhyay	Political Science	PHW – 062/10-11, dt 21.10.2010	1,17,500
Purnima Chakraborty	English	PHW – 063/10-11, dt 21.10.2010	93,750
Aindrila Chattopadhyay	Physiology	PHW – 105/11 – 12, dt 2.08.2012.	1,86,000
Chitrita Chaudhuri	Political Science	PHW – 240/11 – 12 , dt 25.01 2013	71,000

**FDP of FACULTY**

- Ms Susmita Das from the Department of Botany is under the FDP scheme of UGC from July 2012, vide UGC Approval Letter No: TF-WC2 – 001 – 04/08 – 09 (ERO) dated 12.05.2012.
- Abhijit Lahiri from the Department of Bengali is under the FDP scheme of UGC from September, 2012 vide UGC Approval Letter No. TF-WC2 – 001 – 03/08 – 09 (ERO) dated 04.03.2012.
- Sm Indrani Sarkar from the Department of Zoology is under the FDP scheme of UGC from September, 2012 vide UGC Approval Letter No. TF-WC2 – 001 – 05/08 – 09 (ERO) dated 12.08.2012.

**Seminar Grant from UGC :**

With a grant of Rs 1,30,000 from UGC, a national seminar was organized by the Department of Zoology on 9<sup>th</sup> and 10<sup>th</sup> December, 2012 in collaboration with Zoological survey of India, Kolkata entitled "Natural & Anthropogenic Hazards of Environment – Their Impact on Biodiversity and Conservation, and Biotechnological Approach for its Remedies".

The Department of History organized a seminar on 20<sup>th</sup> March, 2013 where Sri Kingshuk Dasgupta gave a talk on '*Dhatudouratya theke Brahmocharya Kramahrashaman Hindur Sasthya o Amtaparichay Prasange*'.

Department of Economics of Vidyasagar College organized a one-day seminar on 20<sup>th</sup> September, 2012 on "Thrust Areas of Economics".

**Grants Received From UGC**

Grants received from UGC during XI<sup>th</sup> plan period have been successfully utilized. The College has sent proposal for XII<sup>th</sup> plan Period.

**AMOUNT RECEIVED AGAINST XII<sup>TH</sup> PLAN in the Academic session 2012- 2013**

<b>DEVELOPMENTAL ASSISTANCE –(for books and equipments)</b>	<b>Rs 3,75,000</b>
<b>ADDITIONAL GRANT (EQUIPMENT)</b>	<b>Rs 7,95,000</b>
<b>UGC Remedial course</b>	<b>Rs 2,18,000</b>
<b>UGC Entry into Service course</b>	<b>Rs 2,35,000</b>

**PRIZES (2012-2013)**

<b>CASH PRIZES</b>			
	<b>Name of the Prize</b>	<b>Name of student</b>	<b>Department</b>
1	<b>Vidyasagar College Centenary Medal</b>	<b>Moumita Saha Mayurakshi Basu</b>	<b>Geography</b>
2	<b>Vidyasagar College Centenary Scholarships</b>	<b>Sharmistha Dey</b>	<b>Philosophy</b>
		<b>Swagatam Saha Roy</b>	<b>Chemistry</b>
3	<b>Nrisingha Chandra Sen Prize</b>	<b>Jayati Chakraborty</b>	<b>Economics</b>
4	<b>Nilima Banerjee Memorial Scholarship</b>	<b>Somraj Banerjee</b>	<b>English</b>
5	<b>Bela Rani Medal</b>	<b>Abhik Banerjee</b>	<b>Physics</b>
6	<b>HL Mitra Gold Medal</b>	<b>Swagatam Saha Roy</b>	<b>Chemistry</b>
7	<b>Ashim Roy Memorial Prize</b>	<b>Swagatam Saha Roy</b>	<b>Chemistry</b>
8	<b>Aurobindo Guha Life Science Endowment</b>	<b>Mampi Ghosh</b>	
9	<b>Manada Sundari Stipend</b>	<b>Swagatam Saha Roy</b>	<b>Chemistry</b>
10	<b>Indra Narayan Mitra Memorial Prize</b>	<b>Saswati Chakraborty</b>	
11	<b>Sudhir Kumar Bose Memorial Endowment</b>	<b>Swagatam Saha Roy</b>	<b>Chemistry</b>
12	<b>Avijit Raha Merit Scholarship</b>	<b>Jayati Chandra</b>	<b>Economics</b>
13	<b>Niladri Bhattacharya Memorial Prize</b>	<b>Abhik Banerjee</b>	<b>Physics</b>
		<b>Swagatam Saha Roy</b>	<b>Chemistry</b>
		<b>Swagata Pal</b>	<b>Bengali</b>
		<b>Chandrima Ghosh</b>	<b>Political Science</b>
		<b>Santanu Chakraborty</b>	<b>History</b>
		<b>Sharmishtha Dey</b>	<b>Philosophy</b>
		<b>Tushar Kanti Naskar</b>	<b>Sanskrit</b>

**PRIZES (2012-2013)**

14	<b>Best Student in B.Sc. Pass</b>	<b>Nairita Chakraborty</b>	<b>General</b>
15	<b>Nakul Chandra Dey Memorial Prize</b>	<b>Samprit Deb Roy</b>	<b>Zoology</b>
16	<b>Sudhangshu Bikash De Award</b>	<b>Nairita Chakraborty</b>	<b>General</b>
17	<b>S K Banerjee Award</b>	<b>Nairita Chakraborty</b>	<b>B Sc General</b>
		<b>Rupesh Majumdar</b>	<b>B A General</b>
18	<b>Shyamal Banerjee Memorial Award</b>	<b>Swagatam Saha Roy</b>	<b>Highest Theory (Chemistry Hons) (Male)</b>
		<b>Nahit Yeasmin</b>	<b>Highest Theory (Chemistry Hons) (Female)</b>
		<b>Vishal Yadav</b>	<b>Poor meritorious (Chemistry)</b>

## **STUDENTS' UNION ACTIVITIES**

The Students' Union for the year 2012-2013 has taken the charge on the 17<sup>th</sup> of October, 2012, with the following office bearers.

- **PRESIDENT: Dr. Gobinda Chandra Sadhukhan**
- **VICE-PRESIDENT: Sri Avik Bannerjee**
- **GENERAL SECRETARY: Sri Sourav Shau**
- **ASST. GENERAL SECRETARY: Srimati Ipsita Sinha**

Apart from them, there are class representatives from every section.

The Students' Union performed its various activities with the aid of the following committees-

Cultural Committee, Magazine Committee, Canteen Committee, Common room Committee, Girls' Common room Committee, Sports Committee, Library Committee, Academic Committee, Acharya Prafulla Chandra Roy Science Club, Sri Debaki Basu Cine Sansad, Cine Club Committee.

**The following are some of the activities of the present Students' Union in the past few months:**

- The Science Club participated in the Acharya Jagadish Chandra Bose Science Fair and achieved 1<sup>st</sup> position.
- The Students' Union organized Saraswati Puja.
- Our students became champion in the Marcus Square Cricket Tournament.
- Inter-departmental Football Tournament was held in the first week of August, 2013.
- Inter-departmental Common Room Tournament was held between 7<sup>th</sup> – 9<sup>th</sup> January, 2013, in Recitation, Group Dance, Singing, Drama and Extempore Debate.
- The Students' Union also organized a Musical Chair Competition for the Teachers.
- The Students' Union organized a friendly cricket match between Non-teaching Staff and students too.
- Students of the college participated in the 'Bangiya Sanskriti Mela' and 'Ambuja Reality Show' and bagged prizes.
- The Students' Union organized 'Barshabaran Utsav'.
- The Freshers Welcome programme for 2013 was held at Rabindra Sadan on the 23<sup>rd</sup> of August, 2013. Students participated in a cultural programme. Famous Bangla Band 'CYCLONE' put up an excellent show.
- A quarterly News Bulletin Patrika, 'ANGAN', published by the Students' Union has entered its 12<sup>th</sup> year of publication. The second edition of the current academic year was published on Teachers' Day, 2013.
- The Annual Students' Magazine was also published.
- The Debaki Basu Cine Club screens movies on Saturdays.
- The Students' Union arranged annual picnic on 18<sup>th</sup> December, 2012.
- The Students' Union of the 2012-2013 is organizing cultural competitions, football tournament, and common tournaments in September, 2013.

## ROLL STRENGTH OF STUDENTS: LAST 3 SESSIONS

Session	Year		Total										
	1 <sup>st</sup> Year		Male	Female	Total								
2011 - 2012	Honours(H)		408	446	854								
	General(G)		108	112	220								
	2 <sup>nd</sup> Year		Male	Female	Total								
	Honours (H)		282	360	642								
	General (G)		62	65	167								
	3 <sup>rd</sup> Year		Male	Female	Total								
	Honours (H)		268	336	604								
	General (G)		92	73	165								
<b>TOTAL</b>			<b>3224</b>										
2012 - 2013	1 <sup>st</sup> Year		Male	Female	Total								
	Honours(H)		439	496	935								
	General(G)		191	167	358								
	2 <sup>nd</sup> Year		Male	Female	Total								
	Honours (H)		274	233	507								
	General (G)		104	274	378								
	3 <sup>rd</sup> Year		Male	Female	Total								
	Honours (H)		235	162	397								
General (G)		110	88	198									
<b>TOTAL</b>			<b>2773</b>										
2013- 2014	Subject	General		SC		ST		OBC		Minority		Total	
		M	F	M	F	M	F	M	F	M	F	M	F
	Arts (G)	64	9	23	17	1	2	2	0	0	0	90	109
	Biochemistry	9	14	3	0	0	0	0	0	0	0	1	14
	Bio (G)	29	31	3	4	1	0	1	3	0	0	34	38
	Bengali	13	25	9	7	0	0	1	0	0	1	2	33
	Botany	18	20	1	2	0	0	0	3	2	0	2	25
	Chemistry	23	26	6	4	1	0	2	0	1	0	3	30
	Computer Science	8	7	5	0	0	0	2	0	0	0	1	7
	Economics	18	13	1	1	0	0	0	1	0	0	1	15
	Electronics	17	7	1	0	0	0	1	0	1	0	2	7
	English	23	41	12	11	2	0	3	0	1	0	4	52
	Food & Nutrition	1	32	0	1	0	0	0	2	0	1	1	36
	Geography	9	22	10	4	1	0	2	3	6	0	2	29
	GGA	4	9	4	2	0	0	0	0	2	0	1	11
	GGS	14	14	6	2	0	0	0	0	1	0	2	16
	History	17	22	11	7	0	0	0	0	0	1	2	30
	Journalism	9	25	1	6	0	1	0	0	0	0	1	32
	Mathematics	26	8	13	0	0	0	4	0	3	0	4	8
	Physical Sc (G)	31	14	8	5	0	0	1	0	1	0	41	19
	Philosophy	0	26	8	4	1	0	0	0	1	0	1	30
	Physics	29	15	9	2	1	0	1	0	3	0	4	17
	Physiology	6	17	5	2	0	2	1	2	0	0	1	23
	Political Science	21	21	9	7	0	0	0	1	1	0	3	29
	Psychology	5	29	0	4	0	0	0	1	0	0	5	34
	Sanskrit	5	8	10	4	2	0	1	1	0	0	1	13
	Zoology	16	35	6	5	1	0	1	1	0	0	2	41
<b>TOTAL</b>											<b>610</b>	<b>671</b>	
2 <sup>nd</sup> Year & 3 <sup>rd</sup> Year			Yet to be admitted (results awaited)										

# DEPARTMENTAL REPORTS

Year	Department	Monthly Data												Total
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
2011-2012	Department A	10	12	15	18	20	22	25	28	30	32	35	38	255
	Department B	8	10	12	15	18	20	22	25	28	30	32	35	225
	Department C	5	6	7	8	9	10	11	12	13	14	15	16	120
	Department D	3	4	5	6	7	8	9	10	11	12	13	14	90
	Department E	2	3	4	5	6	7	8	9	10	11	12	13	60
	Department F	1	2	3	4	5	6	7	8	9	10	11	12	30
	Department G	0	1	2	3	4	5	6	7	8	9	10	11	15
	Department H	0	1	2	3	4	5	6	7	8	9	10	11	15
	Department I	0	1	2	3	4	5	6	7	8	9	10	11	15
	Department J	0	1	2	3	4	5	6	7	8	9	10	11	15
	Department K	0	1	2	3	4	5	6	7	8	9	10	11	15
	TOTAL	10	12	15	18	20	22	25	28	30	32	35	38	255
2012-2013	Department A	12	15	18	20	22	25	28	30	32	35	38	40	285
	Department B	10	12	15	18	20	22	25	28	30	32	35	38	255
	Department C	8	10	12	15	18	20	22	25	28	30	32	35	225
	Department D	6	7	8	9	10	11	12	13	14	15	16	17	140
	Department E	4	5	6	7	8	9	10	11	12	13	14	15	100
	Department F	3	4	5	6	7	8	9	10	11	12	13	14	75
	Department G	2	3	4	5	6	7	8	9	10	11	12	13	50
	Department H	1	2	3	4	5	6	7	8	9	10	11	12	30
	Department I	1	2	3	4	5	6	7	8	9	10	11	12	30
	Department J	1	2	3	4	5	6	7	8	9	10	11	12	30
	Department K	1	2	3	4	5	6	7	8	9	10	11	12	30
	TOTAL	12	15	18	20	22	25	28	30	32	35	38	40	285

## LIBRARY

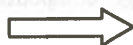
## Summary

Summary		
1	Collection up to 31.03.2013 (Books)	45088
	Addition during the period from 1.04.2012 to 31.03.2013 UGC Grant (including remedial courses and entry into service scheme, Minor research project, Plan Grant etc) General Grant sanctioned by the College	269 19
	Total Collection up to 31.03.2013 (Books)	45376
2	Number of CD/DVD/Floppy (Free content with books and journals)	NIL
3	Total number of Hard Copies of subscribed journals.	Discontinued

- 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://iproxy.inflibnet.ac.in:2048/login>) include

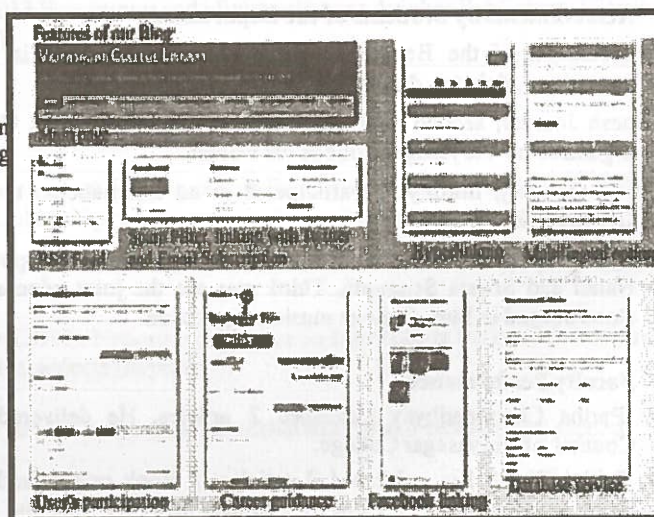
E-resources/Publishers of Electronic Journals	Publishing Country	No. of Journals	Back files from
American Institute of Physics	USA	18	Five years
American Physical Society	USA	10	Five years
Annual reviews	USA	33	Ten years
Cambridge University Press	UK	240	Five years
Economic & Political Weekly	India	1	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)	USA	1	1940+
<b>TOTAL</b>		<b>2,154</b>	

## COLLEGE LIBRARY BLOG



Online bibliographic records are present in the Vidyasagar College Library Blog (<http://vclibrary.wordpress.com>)

In PDF format except  
Bengali, English and Sanskrit.



### DEPARTMENT OF BIOCHEMISTRY

- The Department of Biochemistry initiated in the 200-2008 session and has completed six successful years of undergraduate teaching. The fourth batch of students has successfully passed out the B.Sc. Hons. Examination in 2013. All the students have successfully passed out in the year 2013. The Department of Biochemistry has three full time teachers: Dr. Subarna Gupta, Dr. Purba Konar, Ms. Rozi Ghosh and four Guest teachers: Ms. Sampurna Pal (Organic Chemistry), Mr. Anindya Bhattacharyya (Biochemistry), Dr. Bidyut Kumar Chowdhury (Inorganic Chemistry) and Dr. Sumit Ranjan Das (Biostatistics).
- Department of Biochemistry and Department of Food & Nutrition have jointly purchased an UV-VIS Spectrophotometer from UGC Grant and College Fund.

#### **Achievement of the students:**

- Out of twenty one students, seven students have got first class in B.Sc. BCMA Final exam. Three students have got admission in M.Sc. at Calcutta University, two students at Presidency University, four students at West Bengal University of Technology, four students at Vidyasagar University and two students at Burdwan University. Three of the previously pass out students are doing Ph.D. In B.Sc. Part II Biochemistry (H), eleven out of fifteen students have got first class.

### DEPARTMENT OF BENGALI

The Department of Bengali presently has the following faculty : Dr Partha Chattopadhyay, Dr Sohini Ghosh (HOD), Sri Avijit Lahiri (on lien), Sm Debtusi Misra Chowdhuri, Sm Swagata Bhadra (Part Time), Sri Piyal Bhattacharya (Part Time), Sri Surya Bhattacharya (Guest Lecturer).

#### **Student's Activities:**

- A total of 46 students appeared for the Part III Honours Examination. The students passed out with 97.67 % success rate. First class 4.
- Department of Bengali arranged for Farewell to the 3<sup>rd</sup> year students.
- Teachers' day was also celebrated on 5<sup>th</sup> September by organizing a seminar presented by teachers of our department.
- Department of Bengali arranged a tour to Shantiniketan , Birbhum for the students of third year.

#### **Achievements by Students of the Department:**

- The students of the Bengali Department has participated in various inter college competitions like essays , extempore , debates, drama, music.
- Ganesh Joardar, second year stood second and Sk. Abdul Gaffar , 1<sup>st</sup> year stood third in essay competition organized by Vidyasagar College for women.
- Sovon Ganguly, third year participated in an international music competition and selected champion SA-RE-GAMA in Zee Bangla.
- Bengali Department stood first in intra college drama competition organized by Vidyasagar College. Poulami Nandi and Srijata Sengupta, Third year are the joint winner of Best actress award. Ankita Saha, First Year stood second in Intra College music competition.

#### **Faculty Performance:**

- Dr Partha Chattopadhyay published 2 articles. He delivered 1 Seminar Lecture organized by Teachers' Council of Vidyasagar College.
- Dr Sohini Ghosh has published 3 articles, 1 Book review and 3 Seminar Lectures (UGC sponsored National Seminar organized by Dept of Women Studies, Calcutta University, UGC sponsored National Seminar organized by Dept of History, Calcutta University, UGC sponsored National Seminar organized by Dept of Women Studies, Basanti Devi College, Kolkata and Seminar Lecture organized by Teachers' Council of Vidyasagar College).
- Sm Debtushi Misra Chowdhury published 3 articles, and presented papers at 6 seminars (International – Dept of Rabindracharcha kendra, Rabindra Bharati University, UGC sponsored National Seminars at – Rabindra Bharati Univ, & Dept of Bengali, Vidyasagar College).
- Sm Swagata Bhadra delivered seminar lecture organized by Dept. of Bengali.
- Sri Piyal Bhattacharya has published 2 articles, published poems in various magazines and drama written by him Swapne Dekha Mahara has been accepted by Amulya Natya Gosai.

## DEPARTMENT OF BOTANY

- In the Academic Year 2013, 20 of our students appeared in The Part III Examination, 2013 and 6 have achieved first class and 12 second class. Success with honours is 90%.
- Our students participated in various workshops organized by DST, DBT of Govt. of India and IICB, Kolkata.

## FACULTY PERFORMANCE:

### **Paper Publications by Dr. Tapan Kumar Mishra:**

- Mishra T.K. (2013) : Carbon Flux and green India Mission ED Banerjee S.K. and Mishra T.K. in Ecosystem and Climate change, Aviskar Publishers, Distributors – Jaipur (ISBN 978-81-7910-425-5):pp-1-11
- Mishra T.K. (2013) : Forest Health in changing climate Regime, Ed Banerjee, S.K. and Mishra T.K. in Ecosystems and climate changes, Aviskar Publishers, Distributors – Jaipur (ISBN 978-81-7910-425-5): pp-12-28
- Mishra T.K. (2013): Predicted Global Forest Change; Apprehension and Realities, Ed : Goutam Kumar Saha in Climate Change, Man and Environment, pp – 87 – 99, daya Publication House, New Delhi, India.
- Mishra T.K., 'Forest Biodiversity: Expected Change Impact, Ed: A. Mukherjee (In Press)

### **Book Published:**

- T.K.Mishra and B. Joardar (2009), *Darwin ebong Darwinbad* (Bengali) Published by Paschim Banga Vigyan Mancha, Kolkata. The booklet is on Charles Robert Darwin and Darwinism in bi-Centenary of Charles Darwin
- T.K.Mishra (2013) *Darwinbad – Vigyan and Darshan* (Bengali) Published by Best Books, Kolkata. The Book is a 120 pages book on science and philosophy of Darwinism
- Banerjee S.K. and Mishra T.K. (Eds). 2013 Ecosystems and climate changes Aviskar Publishers, Distributors – Jaipur (ISBN 978-81-7910-425-5)

### **Submission of Thesis**

- Submission thesis by Samir Kumar Dandapat Entitled "Vegetation Ecology of some sacred Groves of Paschim Medinipur (West Bengal)", with Netaji Subhas Open University in June, 2013 (As supervisor)

### **Dr Sukanya Bhattacharyya**

- Nano technology – impact in agriculture (2010), National conference on horticulture for rural development – biotechnological and biochemical aspects (In press)
- National conference on horticultural for rural development – biotechnological and biochemical aspects, September, 2010: pp-40
- Published in the book of abstracts, JU, 2010

### **Dr Swati Moitra Sen**

#### **Conferences/ workshops/ seminars**

Participated in the International Symposium on 13th International Palynological Congress and 9th International Organization of Paleobotany Conference on August 23 – 30, 2012 at Tokyo, Japan on 'Vegetation and Analysis and Modern Pollen distribution in Surface Sediments of coastal Mango Swamps of Sunderbans, India'

**Articles**

Sen, Swati, Sen P.K. and Banerjee, Manju (2012) Vegetation analysis and modern pollen distribution Surface Sediment, Coastal Mangrove Swamps of Sundarban, India. Japanese journal, Palynology 58 (special issue), Tokyo, Japan, 208

**Dr Debisri Datta**

Studies on interactions of histone proteins with mitomycin C and chlordane provide insights into mechanism of chemical clastogenesis. *Natura* 17(5), 2013.

**Susmita Das****Publication –**

The antihypertensive potential of some indigenous fruit of West Bengal, fruits, 2013 69(1) (Accepted)

**Dr Gunjan Biswas**

Gunjan Biswas and Krishnendu Acharya, Hypoglycemic activity of ethanolic extract of *Astraeus hygrometricus* (Pers) Morg in alloxan-induced diabetic mice. *International Journal of Pharmacy and Pharmaceutical Sciences*, 5(1):391-394, 2013

**DEPARTMENT OF CHEMISTRY**

- The Chemistry department in the 2012- 2013 academic session has done an outstanding performance with respect to the achievements of students, faculty members. At present the department has six full time faculty members (Associate Professors) and five guest lecturers in organic, inorganic and physical chemistry branches. The Department also provides five laboratory assistants, three of them are permanent and two are in contractual position.

**Achievements of the Students**

- A departmental seminar was organized on 19<sup>th</sup> February, 2013 to commemorate the National Science Day. The outgoing third year students delivered lectures on different aspects of Chemistry.
- In B.Sc. Part III Honours examination 14 students out of 27 (overall 52%) secured first class. One of the Students, Partha Roy was admitted in Post Graduate programme in Kanpur IIT and another student Arijit Roy was admitted in Bhubaneswar IIT. Both of the students achieved high score in JAM. The rest undertook post graduate programme in Jadavpur University and in Rajabazar Science College.
- In this academic year some former students of our department have been engaged in Ph. D. Programme in different universities of USA.
- In B.Sc. Part II Honours Examination 9 students out of 42 got First Class.

**Achievements of the Faculty Members****Dr. Arunabha Misra**

- One book entitled "Joto Moja Sab Rasayane" was published by Paschimbanga Vigyan Mancha. The book was on learning chemistry in school level through experiments.
- Edited jointly two books, one with Jibon Sardar, and another with Gopal Bhattacharya on the life of and works of scientists. Those books are-
  - Biswa Bondito Bigyani
  - Banglar Borenya Bigyani

- Editing a children Science journal named "E Juger kishor bigyani" since 2001
- Published no. of articles on science popularization in 'Jnan o Bijnan', 'Jana Vigyaner Istahar' & 'E Juger Kishor Vigyani'
- Joined Brain storming meet organized by Vigyan Prasara, DST, GOI at Homi Bhabha Centre for science education, Mumbai on 25 & 26<sup>th</sup> April 2013 to design a public outreach campaign programme on "Comet ISON
- Elected Secretary, National Coordination Committee, Eyes on ISON
- Participated in 14<sup>th</sup> All India People's Science Congress held in Lucknow on 25-28 Feb 2013
- Participated UG Board of studies and Scottish Church College organized one day workshop on practical Chemistry Honours course of Calcutta University on 12.10.2012
- Delivered invited lectures on Higgs Boson at Chhatra Yuba Utsav, Nanoor (28.12.12), Transit of Venus at Ariyadaha (2.6.2012), Madam Curie at Chakdaha zonal environment festival (22.09.2012) etc.
- Acted as an expert in three National Workshops on Eyes on ISON in Bangalore (20-22 August), Guwahati (22-24 August) and Bhopal (3-5 Sept 2013) organized by Vigyan Prasara, DST GOI and supported by NCSTC, DST, GOI
- Unlike the previous year the department was selected as centre for preparation of entire sample of Physical Chemistry of B.Sc. third year Honours Practical Exam. C.U. under the supervision of Dr. Sharmila Bhattacharya.
- Dr. Nirmalendu Mukhoti served as a guest teacher in the department of Chemistry, Sree Chaitanya Habra College under Barasat University.
- Dr. Ranjit Kumar Shit did confidential work of W.B. Regional School Service Commission for the 12<sup>th</sup> Regional Level Selection Test and also did confidential work of Visva- Bharati University, Shantiniketan. Dr. Shit also served as a guest lecturer in Jadavpur University.
- Dr. Jayati Mal published an article "An elegant and cost effective method of bromination" in Journal of Chemistry, 2012. She attended an "International conference on Green Synthesis" organized by Department of Chemistry, UCI, CA, USA on May, 2013.

#### DEPARTMENT OF COMPUTER SCIENCE

The academic performance of the students who have been just passed out this year is quite good compared to the previous years. Out of a batch of 15 students 6 obtained first class. Mr Atreya Bandyopadhyay scores a total of 613 marks out of 800. This is the highest in the department. Miss Mandira Chowdhury has joined as a graduate trainee in TCS and is in training period in Chennai. The others students have joined the post graduate courses in different state universities.



A one day seminar was arranged by the department on 6<sup>th</sup> October, 2012. Our student of the first batch Mr Kaushick Mallick delivered a speech to the current on "Software Engineering in the real world and Data Warehousing". The students of the department also participated in the seminar.

### DEPARTMENT OF PHILOSOPHY

- Madhumita Mitra , Assistant professor, Department of Philosophy has presented her paper entitled "A pleasurable life: J.S. Mill's View revisited in the 23<sup>rd</sup> World Congress of philosophy held in the School of Philosophy of the National Kapodistrian University of Athens , Athens, Greece from 4<sup>th</sup> -10<sup>th</sup> August,2013.
- Madhumita Mitra's paper entitled " Advita Vedanta and Ethical Implausibility" presented at the 20<sup>th</sup> International Congress of Vedanta , held in JNU, New Delhi during December 28-31 ,2011 has published in "Modern perspectives in Vedanta" (proceedings of the 20<sup>th</sup> International Congress of Vedanta) edited by G.N. Jha , B.Singh , R.P. Singh & D. Mishra , Publisher : D.K. Printworld , New Delhi, India, Year ,2012.
- Ms Arunita Dey, Govt approved part-time teacher of the department of Philosophy has qualified UGC-NET examination held in December, 2012.
- Dr Dipanwita Chakraborti's paper, titled " Kant's" treatment of the Modality of Judgement ( An examination of lovejoy's Critique of Kant") presented at the 7<sup>th</sup> Annual International Conference on Philosophy , held in Athens, Greece during May 28-31 ,2012.

### DEPARTMENT OF ECONOMICS

- The Economics department of Vidyasagar College founded in 1968, presently have 7 faculties –DR Runa Roy, Prof. Soumen Sarkar, Prof Jaba Pal Chatterjee, Prof. Arpita Chakraborty, Prof. Mani Sankar Sarbabidya, Prof. Sriparna Biswas, and Prof Mafyuza Sultana. Enriched with a nice bonding of the students and professors our department have added a values to the college. Conducting educationa tours, organizing seminars, friendly attitude of the pupils , the departmental library and parents – teachers meeting held on a regular basis- all this have been highlighting and maintaining the status of our economics department and the kudos added by it to Vidyasagar College.

#### **About the Seminar**

- An inter college one day seminar was organized in the department of Vidyasagar College on 18.12.2012 like other years. The thrust of the seminar was on "Some aspects of social sector in India (1999-2010)".The presence of our eminent guest judges Prof. Soumen Sikdar, Professor, IIM, Kolkata, and Prof. Rajat Acharya, Alumnus of Vidyasagar College rejuvenated the journey of our seminar. The participants are Belur Vidyamandir, Jogamaya Devi Colljege, Vidyasagar College, and Vidyasagar College for women and Jaipuria College.

#### **Journal released**

- Its work mentionable that on the very datye o seminar 18.10.2012 Economics Department of Vidyasagar College successfully launched "BEGINNERS, a journal in Economics", The fruit of deliberate and conscious effort over a prolonged period.
- The Economics Department also enriched by a significant upward trained of the academic performance of the students over the year. We would like to refer to the chart below:

#### **RESULT 2013:**

	60% and above	50%-60%	40% - 50%
• 2nd Year	18%	20%	27%
• 3rd Year	7.14%	28.57%	64.28%

## DEPARTMENT OF ELECTRONICS

- Department of Electronics was started in the year 1999 with Electronics General Course. Electronics Hons. Course was introduced in the year 2007. The Department of Electronics has three full time teachers: Mr. Abhinandan Dutta, Mr. Abhishek Roy and Ms. Sreyasi Banerjee and four Guest teachers: Nirjhar Ghosh, Sima Chowdhury, Rumjhum Ray, Anindya Mondal.

### **Achievement of students**

- Seven out of twelve students scored first class marks I the University Part III final exam 2013 with Prमित Sarkar securing the sixth position.
- Seven out of twelve students secured first class marks in the Part II exam 2013.
- Present student strength of the Department is around 60 approximately.

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## DEPARTMENT OF FOOD & NUTRITION

- Department of Food & Nutrition was started in the year 2010 with the student strength of twenty five which is now increased to around thirty five students per batch.
- The Department has presently has two full time teachers: Dr. Sreya Sen and Dr. Sudipta Pal and six Guest teachers: Ms. Sampurna Pal (Organic Chemistry), Dr. Debanjali Mitra (Physiology), Dr. Shyamaprasad Mitra (Community Medicine), Ms. Priyanka Nandy (Food & Nutrition), Ms. Madhumanti Goswami (Food & Nutrition) and Mr. Anindya Bhattacharyya (Biochemistry).

### **Achievement of the students**

- Ten out of twenty one students have got first class in B.Sc. FNTA Final exam. Ms. Ankita Basu has got 9<sup>th</sup> rank position in the University of Calcutta. Five students have got admission in M.Sc. at University of Calcutta and three students at West Bengal State University. Twenty out of twenty nine students have got first class in B.Sc. Part II FNTA exam.

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## DEPARTMENT OF ENGLISH

### **Faculty members:**

Teachers who worked in this department in the session 2012-13 are Dr Purnima Chakraborty, Sri Debayan Basu, Smt Neelanjana Basu , Smt Ankita Mookherjee and Smt Amrita Chakraborty.

### **Results of the undergraduate and post graduate students:**

Results of the Part-III B.A. English (Hons) C.U. Examinations for this session are as follows. Thirty three students were enrolled of whom thirty two appeared. Twenty eight students secured second class. One student got first division and three students passed without any division. The honours success rate was 87.5%. There were no failures in Part-III B.A. for honours students.

- The department takes Remedial class along with the teaching of regular courses. It also takes classes for students appearing for the School service Commission entrance examinations. One of the students was selected for service from the English Remedial Class this year. Sri Debayan Basu has worked hard and sincerely through the session to help the students.
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## DEPARTMENT OF GEOGRAPHY

### **Faculty members:**

The Department of Geography has 3 full-time teachers, 1 GLI and 3 contractual lecturers appointed for the post-graduate Department who also take classes in the under-graduate section of the college. They are Smt. Moumita Kanjilal, Sri Biswajit RoyChowdhury and Smt. Sumana Roy.

Proposed DST project infrastructure of Health facilities and its impact on social justice

### **Results of the undergraduate and post graduate students:**

In the UG department in the year 2013, 5 students achieved 1<sup>st</sup> class, 12 students achieved 55% among 32 students in Part-III examinations.

In the PG department, the student strength in PG department includes 24 in 3<sup>rd</sup> semester and 45 in 1<sup>st</sup> semester. 2 students qualified NET in this year (2013) and 6 cracked the interview session in SSC. Along with this 2 special papers "Applied climatology" and "Applied Geomorphology" were introduced this year in PG course.

## DEPARTMENT OF HISTORY

- A total number of 41 students appeared in the BA Part III (Hons) exam, with a first class and 37 students securing 2<sup>nd</sup> class.
- The success rate is 92.68% with Honours with an overall success rate of 95.12%.
- Three guest lecturers namely Ushri Mukherjee and Sreemoyee Sarkar and Pranja Paromita Podder have joined the Department from September, 2013 .
- Srimati Ishita Chakraborty , Co-authored, For Bed and Board only : Women and Girl Children Domesticities in post-partition West Bengal ; Modern Asian Studies , Cambridge.
- She is working on "Women and Labour in Post-partition West Bengal , Rotledge , UK which is forthcoming.

## DEPARTMENT OF JOURNALISM & MASS COMMUNICATION

### **Academic Achievements of the students:**

- This Department initiated its Honours course in the academic session of 2007 – 08. Its present as well as the fourth batch has passed out the Part III Examination, 2013 with 100 % pass rate with honours 5 students got 1st class.6 students admitted in University of Calcutta.1 in Vishwa Bharati University.

### **Faculty strength comprises:**

- 3 College appointed Contractual Full-time Lecturers Smt Sonarekha Chattopadhyay, Sri Gargi Chakraborty Ganguly and Sri Avirup Mukherjee),
- 2 College appointed Guest lecturers (Smt. Ankita Banerjee and Smt Amartyya Chatterjee)
- 2 Technical Assistants (Sri Pinaki Chakraborty and Sri Subhajit Das) for Computer & Documentary editing.
- Seminar Library: The department has a well-organized seminar library with about 45 reference books on different topics relevant to the syllabi of the students and in near future the department plans to increase its library capacity and extend the facility of lending the books to the students which is not available.
- The total student strength of the Department is 122 in honours (1<sup>st</sup> year – 48, 2nd year – 45, 3rd year – 29).

- The Department has 13 computers for print editing, 5 computers for audio visual editing, 1 computer for composing lab journal, 1 digital camera for still photography, 3 digital Handy cams (for documentary shooting), and 1 Laser printer for preparing Lab Journal and 1 for official purpose.
- The Department possesses independent internet connections along with LAN settings.
- Department also publishes a lab journal entitled **WORDS** in a year to introduce in-house publication process practically to the students.

#### **Achievements of the Students:**

- The students have participated in an Two seminars (national and international) organized by different Colleges.
- One of the students of the existing batch is also working as professional in news channel NEWS TIME.
- Pass outs from the Department are working as Journalists in different dailies like Sambad Pritidin, Aajkaal and PR Professionals in Times of India.

#### **Other miscellaneous activities of the Department:**

- The Department celebrates Teachers Day and Fresher's Welcome.
- Students of the Department participates in Classroom Debate, Picnic, Teacher's Day Celebration and Fresher's-Welcome

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#### **DEPARTMENT OF MATHEMATICS**

- Department of Mathematics presently has 1 full time lecturer **Smt.Sabitri Tah** 1 Part time lecturers **Sri Nirmalya Maity**. and 6 guest lecturers namely **Sri Biplab Maity** , , **Sri Mrinmoy Dam**, **Sri Sisir Kumar Sarkar**, **Sri Avishek Mukherjee**, **Sri Sukanto Das** and **Sm Sudipa Mitra**.
- **Result in Part III Examination 2013:** 35 students appeared for the Part III Honours examination, 2013 , and 12 passed with 1<sup>st</sup> Class, 15 passed with 2<sup>nd</sup> class. 75% above 4 students. 60-69% 8 students., 50-59% 7 students. 40-49% 12 students.

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#### **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).

- **Result in Part III Examination 2012:** 14 students appeared for the Part III Honours examination, 2013, and 1 passed with 1st Class.
- **Smt Madhumitra Mitra (HOD)** attended the 2nd International Congress of Bengal Studies, held at Dhaka University during December 20-23, 2012 and presented a paper titled 'Tagore's Views on Freedom: A Philosophical Analysis'. She also attended the 20th International Congress of Vedānta held at the Jawaharlal Nehru University, New Delhi during December 28-31, 2012 and presented a paper titled 'Advaita Vedānta and Ethical Implausibility'.
- **Dr Dipannwita Chakraborty** attended the 7th Annual International Conference on Philosophy held in Athens, Greece during 28-31, May 2013 and presented a paper titled 'Kant's Treatment of the Modality of Judgments (An examination of Lovejoy's Critique of Kant)'. The Conference was organized by the Athens Institute for Education and Research (ATINER). Her abstract has been published in the Book of Abstracts and the full paper has been submitted for publication in one of ATINER's future publications. UGC has approved the expenditures incurred for her visit.

**DEPARTMENT OF PHYSICS**

List of the members of the faculty

**Associate Professor**

- Dr. Shankari Roychowdhury,  
Dr. Krishna Mitra,  
Dr. Sukanya Dasgupta,  
Dr. Uma Bhaumik

**Assistant Professor**

- Dr. Saugata Bhattacharya,

**Graduate Laboratory Instructor**

- Sri Tapas Kumar Roy

**Guest Lecturers**

- Sri Rohitashwa Chattopadhyay, Sri Amit Ganguli, Smt. Gargi Ghosh, Sri Tamal Basak

**Results [C. U.] [Part III only]**

- Number of students appeared : 39
- Number of students passed with 1<sup>st</sup> class : 14

**Special achievements by the students of the department:**

- Ms Ria Sain who secured the highest marks in the B. Sc. Part III examination of this year [C. U.] got admitted to the Institute of Mathematical Sciences, Chennai. Two more students of the department made it to IIT, Kharagpur and one to IIT, Guwahati.

**Special academic activities of some of the members of the faculty**

- Dr. Uma Bhaumik has been awarded a minor research project by UGC.
- Dr. Saugata Bhattacharya has been invited by the department of Civil Engineering, University College of Cork, Ireland to deliver a series of lectures for an audience made up of the members of the faculty of different departments and research scholars.
- The department is maintaining a library of its own having books donated by the ex-students as also by the teachers of it.

**DEPARTMENT OF PHYSIOLOGY:**

- 8 students appeared for the part-II Honours Examinations, 2012. 2 students secured 1<sup>st</sup> class rest have secured II class.
- 8 students appeared for the part-III Honours Examinations, 2012 of which 4 students secured 1<sup>st</sup> class.

**Special activities of the department:**

- Ergonomical project 'A survey to evaluate physical , psychological and working condition of confectionary works of North Kolkata were carried out by 3<sup>rd</sup> year Physiology Honours students in January 2012 under the supervision of Sri Prosenjit Saha, guest faculty of the department of Physiology.
- Special Achievements of Faculty

Dr Aindrila Chattopadhyay

**Research grants:**

- Completed a Minor Research Project
- Awarded a new MRP by UGC (Ref. No PH W 105/11-12 (ER O) dated 2.8.11)
- Mentor of a project approved by Department of Science and Technology , Govt of India under WOS-A. Fund allocated is Rs 18, 40,000/-.

**(iv) Research Publications : (7)**

- a. Journal of cell and Tissue Research 2013 vol 13(3) (In Press) (impact factor 4.7) b.
- Journal of cell and Tissue Research 2013 vol 13(2) 3297-3737 (impact factor 4.7) c.
- Int J Pharm Pharm Sci 2013 Vol 5 Issue 3, 806 – 813
- d. Asian Journal of Pharmaceutical and clinical Research Vol 6 Suppl 1.2013 196-200
- e. Int J Pharm Pharm Sci 2013 Vol 5 439 – 447
- f. Int J Pharm Pharm Sci 2013 Vol 5 285 - 295
- g. Int J Phytopharmacology 4(2) 2013 Vol 5, 119 – 132

**Papers presented in conferences and seminars:**

1. Papers presented in the 100<sup>th</sup> Indian Science Congress held in January,2013
2. Paper presented in 81st Annual meeting of the Society of Biological Chemist (India) held in November,2012
3. Paper presented in a national Seminar on "Emerging trends in Cell and Molecular Biology" , Jadavpur University, Kolkata (India) held in December,2012
4. Principal supervisor of three Ph-D students under University of Calcutta.
5. Sri Sanatan Mishra and Sri Amitabha khan pursuing PhD at University of Calcutta.

**DEPARTMENT OF POLITICAL SCIENCE**

Department of Political Science presently has only two substantive faculty positions, Dr. Chitrita Choudhuri (Head of the dept.) and Smt. Sumita Chattopadhyay .So the dept. is being assisted by two part time lecturers,namely smt. Sanchita Das and Smt. Sayantani Mallick and two guest lecturers ,namely Sri. Shibasish Ghosh and Sri Subhadeep Chakraborty.

Final result, 2013: Appeared 39, with honours 36, without 3, success rate 95%

**Seminars**

- Department Of Political Science celebrated 50 years of teaching in Vidyasagar College. Two seminar lectures were organized by the dept. Debasis Nandi, Assistant Professor of Kanchrapara College spoke on 'Indo-US Relation'. The other one was delivered by Sri Arindam Dutta, Asst Professor of Hoghly Mahasin College.
- Students of the department organized Classroom debate, picnic, teachers' Day and Freshers welcome as well as farewell to the third year students.
- Dr Chitrita Chowdhury also acts as Convener, UGC Plan Board , Smt Sumita Chattopadhyay is presently acting as Secretary, Teachers' Council.
- MRP of FACULTY: Sm Sumita Chattopadhyay is availing an MRP from UGC on 'Feminism' and Dr.Chitrita Chaudhuri is availing an MRP from UGC on 'Women Empowerment'.
- For the proper evaluation of students, Parent-Teachers Meetings are held.
- There are about 60 books in the Department Library and students avail them regularly.

**DEPARTMENT OF PSYCHOLOGY**

- Department was started in the year of 2010 with the student strength of 25. Now-a-days it has increased to 40 students per batch.
- 6 students out of 15 scored 1<sup>st</sup> class in the University B.Sc Part-III (Hons) Exam,2013.
- 5 students out of 39 students got 1<sup>st</sup> class in the University B.Sc Part-II (Hons) Exam.

**Present Faculty –**

- Sonalipa Chatterjee
- Amrita Ray
- Nabamita Sarkar
- Mita Ghoshal
- Madhabi Sarkar
- Dr. Sambita Mukherjee
- Sebanti Mitra
- 4 students pursuing PG in C.U

**DEPARTMENT OF SANSKRIT**

•Presently there are 2 permanent faculty positions, 2 part time lecturers and 1 Guest faculty.

**Special Events of the Department**

- A state level workshop & national seminar on “Science & Technology of ancient India” organized by in collaboration with MMS, New Delhi.
- Pass out students have secured jobs in school through SSC. Join as contractual lecturers in South Bengal and Hooghly dist, Orissa, Maharashtra and abroad.
- 25 students appeared for Part-III (Hons) , 1 got 1st class and 18 got second class
- 12 students got success in SSC (written ) exam, 2012.

**Achievements of Faculty**

- Dr Sudipa Bandopadhyay 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****Departmental Profile & Annual Report, 2012-2013****Department:****1) Composition/Constituents: 2 Sections:**

- a) Under Graduate (UG): Having both Honours and General Courses
- b) Post Graduate (PG): With four special papers

- i) Cytogenetics & Molecular Biology
- ii) Fisheries & Aquaculture
- iii) Entomology
- iv) Environmental Biology & Ecotoxicology

**2) Faculty members of the Department:**

Name of Faculty Members in Dept. of Zoology (UG & PG)	Designation	Age	Highest Qualification	Year of joining in the college
<b>Permanent Teachers</b>				
1. Dr.Gobinda Chandra Sadhukhan	Associate Professor	58	M. Sc., Ph.D.	1986
2. Dr.(Ms.)Sheela Roy	Associate Professor	60	M. Sc., Ph.D.	1993

3. Dr. Nirmal Debnath	Assistant Professor & Head	55	M. Sc., Ph.D.	1999
4. Ms. Indrani Sarkar	Assistant Professor (FDP)	35	M.Sc.	2005
<b>WHOLE TIME TEACHERS</b>				
5. Dr. Debasish Karmakar	CWTT	35	M. Sc., Ph. D.	2009
6. Mr. prantik Ghosh	CWTT	34	M. Sc.	2009
<b>TEACHER IN FDP VACANCY</b>				
7. Dr. Kaustuv Dutta Chowdhury	Assistant Professor against FDP post	34	M. Sc., Ph. D	2012
<b>PART TIME TEACHERS IN UG</b>				
8. Mr. Soumasish Paul	PTT	29	M. Sc.	2009
9. Ms. Papiya Datta	PTT	33	M. Sc.	2009
10. Ms. Sruti Mitra	PTT	29	M. Sc., M.Phil	2009
11. Mr. Arnab Basu	PTT	28	M. Sc.	2009
<b>Guest Teachers in UG</b>				
12. Ms. Gargi Sarkar	Guest teacher	25	M. Sc.	2011
13. Ms. Mandakranta Dasgupta	Guest teacher	25	M. Sc.	2011
14. Ms. Debibrata Banerjee	Guest teacher	26	M. Sc.	2011

\* Seven (7) more Guest Teachers are yet to join.

3) Results: B. Sc. (Hons.) Result 2012 - 13

**Department of Zoology (UG)**

Year		Part-III
2012 - 13	Appeared	24
	Passed	24
	1 <sup>st</sup> Class	21
	2 <sup>nd</sup> Class	03
	Unsuccessful	00

## M. Sc. Result 2012 - 13

## Department of Zoology (PG)

Year	Appeared	Passed	O (Outstanding: 75% - 100%)	A+ (Good: 65% - 74.99%)	A (Fair: 60% - 64.99%)	B (Satisfactory: 55 - 59.99%)	C (Average: 50% - 54.99%)	Q (Qualifying: 35% - 49.99%)	F (Failed: 0.00% - 34.99%)	Comment
2012 upto 3 <sup>rd</sup> Sem.	24	24	01	17	06	00	00	00	00	No unsucc essful candid ate

4) Details of research grant & ongoing projects and collaborative works received from different funding agencies:

- DBT Sponsored Biotechnology, Education & Training Grants under STAR COLLEGE SCHEME project, vide letter No. 102/IFD/DBT/SAN/1902/2008-09. A grand total of Rs. 11, 00, 000/= was sanctioned to Department of Zoology, Vidyasagar College from 2008-09 to 2012-13 for strengthening of life science and biotechnology education and training at undergraduate level. Now the grant has been extended for another 3 years by DBT and Vidyasagar College has strengthened and upgraded its position by its continuously humanizing performance to achieve the goal of STAR COLLEGE SCHEME and has placed its name in the category of best performing four colleges by outcompeting nearby 100 colleges of India and has come to be prestigious DBT network.
- Department received 4 Minor Research Grants from UGC (University Grants Commission) and the work in progress successfully towards their completion.
  1. An immunogenetical approach of chemo-preventive/ameliorative microdose effect on induced hepatocarcinoma in mice (*M. musculus*). No. PSW-071/10-11(ERO). Rs. 1,76,500/= was sanctioned to Dr. Gobinda Chandra Sadhukhan, Associate Professor, Dept. of Zoology, Vidyasagar College, Kolkata.
  2. Observation of breeding behaviour of white breasted water hen *Amaurornis phoenicurus* in the wetland of Behala, Kolkata. Sanc. No. S-PSW-092/09-10(ERO). Rs. 98,000/= was sanctioned to Dr. (Ms.) Sheela Roy, Associate Professor, Dept. of Zoology, Vidyasagar College, Kolkata.
  3. Diversity of mites associated with insects on field crops and medicinal plants in South Bengal. Sanc. No. PSW-070/10-11(ERO). Rs. 1,85,000/= was sanctioned to Dr. Nirmal Debnath, Assistant Professor, Dept. of Zoology, Vidyasagar College, Kolkata.
  4. Breeding biology of two freshwater prawn, *Macrobrachium lamarrei lamarrei* and *Macrobrachium dyanum*. Sanc. No. S-PSW-091/09-10(ERO). Rs. 1,30,000/= was sanctioned to Ms. Indrani Sarkar, Assistant Professor, Dept. of Zoology, Vidyasagar College, Kolkata.
- Department received 1 Major Research Grant from State-DST (State-Department of Science & Technology) and the work in progress successfully towards its completion
  1. An assessment and conservation of the fishery resources of Ichhamati River with special reference to ecology and breeding biology of some indigenous fishes of the river. Sanc. No. 474(sanc.)/ST/P/S&T/SG-4/2010. Rs. 8,16,400/= was sanctioned to Ms. Dr. (Ms.) Sheela Roy, Associate Professor, Dept. of Zoology, Vidyasagar College, Kolkata.
- Grant Received and Collaborative works of the Department:
  - Collaboration with Indian Council of Agricultural Research (ICAR): Department of Zoology has been carrying out research activities in collaboration with ICAR under the ICAR network project on "Insect Biosystematics" giving affiliation to its Principal Investigator (PI), Prof. Samiran Chakrabarti, Retired Professor of University of Kalyani.

5) List of Project Works and Research Publications in SCI Journals / Conference Proceedings coming from the Department:

- i. "Study of polymorphism of COL6A1 gene in Down's syndrome patients and their relationship with congenital heart disease in West Bengal's Bengali population"
- ii. "Isolation and characterization of the rhizosphere prokaryotic micro-flora from East-Calcutta Wetland, Kolkata"
- iii. "Regulatory modification of hepatocarcinoma by S-allyl cysteine (SAC) –an *in vitro* study"
- iv. "Tissue specific and stress specific esterase isozyme banding pattern in stinging catfish-*Heteropneustes fossilis*"
- v. "Isolation, characterization of cellulose degrading bacteria from termite mound"
- vi. "Study of different phytochemical in inhibiting breast cancer cell migration"
- vii. "Study of C677T and A1298C polymorphism in MTHFR gene in Down syndrome patients and their relationship with congenital heart diseases in Bengali population of West Bengal"
- viii. "An alternative prospective therapy with berberine against hepatocarcinoma-an *in vitro* study"

6) List of Publications in SCI Journals coming from the Department:

- Sarkar A., Sengupta D., Mandal S., Sen G., Dutta Chowdhury K., Sadhukhan G. C. Treatment with garlic restores membrane thiol content and ameliorates lead induced early death of erythrocytes in mice. *Environ. Toxicol.* 10.1002/tox.21901
- Sengupta D., Dutta Chowdhury K., Sarkar A., Paul S., Sadhukhan G. C. Berberine and S allyl cysteine mediated amelioration of DEN+CC14 induced hepatocarcinoma *Biochem. Biophys. Acta* 10.1016/j.bbagen.2013.08.020

6) Excursions:

1. Students of 2<sup>nd</sup> year Zoology Hons. conducted excursion in Nagzira, Nawegaon and Pench National Parks in Maharashtra in February, 2013
2. Students of 2<sup>nd</sup> year Zoology General conducted excursion in Chintamani Kar Bird Sanctuary 24 Parganas (S) and Central Institute of Fisheries Education (Eastern) - CIFE February, 2013
3. Students of 1<sup>st</sup> year Zoology General. conducted local excursions in Indian Museum & Zoological Garden, Kolkata in February, 2012
4. Students of 3<sup>rd</sup> Sem, M. Sc. Zoology conducted excursion in Chilapata Reserve Forests and Rasik Beel in North Bengal and Bhutan in December, 2013

7) International /National / State level Award / Honour.:

- a) Dr. G. C. Sadhukhan has been invited and incorporated as a member in the editorial board of *European Journal of Pharmacology* for reviewing various International and National Research papers.
- b) Dr. G. C. Sadhukhan has been nominated as members to Under Graduate Board of Studies at Kalyani University and West Bengal State University.
- c) Dr. G. C. Sadhukhan has been nominated as a member to the Executive Council of Kazi Nazrul University, Asansol, Burdwan.
- d) Dr. G. C. Sadhukhan has been nominated as members to the Governing Bodies of Basanti Devi College.
- e) Dr. G. C. Sadhukhan has been nominated as members to the Governing Bodies of Victoria Institute (College).
- f) Dr. G. C. Sadhukhan has been nominated co-coordinator of DBT sponsored STAR College Scheme ministry of Science and Technology, Government of India.

**8) Ph. D Thesis awarded/submitted / Ph. D Registration:**

- a) A thesis entitled "Study of some Genetic Markers in some Ethnic Groups of Indian Population" submitted by Sri. Sagar Chatterjee at Kalyani University on June 3, 2013 under the guidance Dr. G. C. Sadhukhan.
- b) Ph. D. Registration of Ms. Dipanwita Sengupta, Mr. Soumosish Paul and Mr. Avik Sarkar Teacher of Dept. of Zoology, Vidyasagar College has been done in University of Kalyani under the guidance of Dr. Gobinda Chandra Sadhukhan, Associate Professor, Dept. of Zoology, Vidyasagar College.
- c) Ms. Mahasweta Chatterjee, Guest Teacher, Dept. of Zoology, Vidyasagar College has qualified the Ph. D. entrance examination conducted by Vidyasagar University and be registered under Dr. G. C. Sadhukhan, Associate Professor, Dept. of Zoology, Vidyasagar College and Dr. Jayanta Kundu, Professor of Zoology, Vidyasagar University.

**Comment:**

The department has made considerable progress in all concerned fields during the 2012-13 session and has provided a major contribution for the upliftment of the college as a whole, despite its serious dearth of teaching and non-teaching staff. However, there are much more avenues to be opened and also for an extension and renovation of the existing disciplines/items. We hope that College authority will pay heed to same attention as did earlier and extend all sorts of helps to the Zoology Department in future to have further achievements in coming years.

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**RESULTS OF THE HONOURS TEACHING SUBJECTS OF VIDYASAGAR COLLEGE, KOLKATA, 2012**

**(New Regulations, 1+1+1)**

Departments	Appeared		1 <sup>st</sup> Class		2 <sup>nd</sup> Class		% Success Rate(H)	
	2012	2013	2012	2013	2012	2013	2012	2013
Biochemistry BCMA	6	20	3	7	2	12	83.33	95
Bengali BNGA	56	45	--	--	44	38	97.78	100
Botany BOTA	9	20	2	6	7	12	100	90
Chemistry CEMA	20	27	14	13	4	10	90	85.19
Computer Sc CMSA	17	15	8	7	6	6	100	100
Economics ECOA	18	21	2	1	7	11	69.23	92.31
Electronics ELTA	6	10	3	7	2	3	83.33	100
English ENGA	42	32	0	--	31	28	88.57	87.50
Geography GEOA	35	32	3	4	30	26	100	93.75
Food & Nutrition FNTA	--	20	--	8	--	10	--	100
History HISA	41	41	0	1	36	37	97.3	92.68
Journalism JORA	22	24	0	1	13	20	100	100
Mathematics MTMA	20	31	5	12	9	12	82.35	77.42
Philosophy PHIA	14	14	1	--	4	10	100	90.91
Physics PHSA	14	37	4	15	8	19	85.71	91.89
Physiology PHYA	9	9	2	4	6	4	100	88.89
Political Science PLSA	35	39	1	--	32	36	100	94.74
Psychology PSYA	--	15	--	5	--	9	--	100
Sanskrit SANA	22	12	1	--	15	6	76.19	50
Zoology ZOOA	29	26	16	10	7	5	95.83	92



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