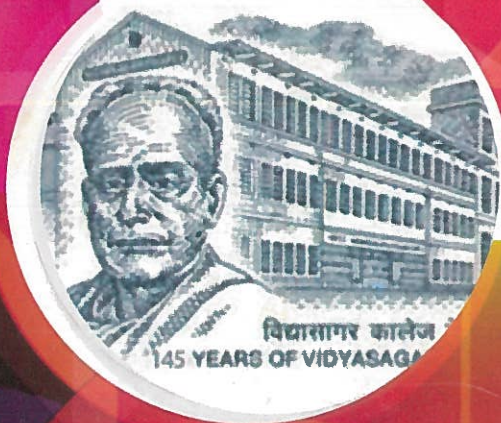


Annual Report: 2015 - 2016

VIDYASAGAR COLLEGE

39 SANKAR GHOSH LANE, KOLKATA- 700 006. WEST BENGAL. INDIA.



SPECTRUM

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Vidyasagar College: Annual Report: 2015 - 2016

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PRESIDENT'S MESSAGE

I am elated to learn that Vidyasagar College will be celebrating its Annual Day on 28th September, 2016.

This highly renowned and prestigious institution has always nurtured young, talented minds and has played a pivotal role in shaping up their academic life in each and every possible way. Many meritorious and esteemed students are successfully proving their mettle and striving for the best all across the globe. I would like to congratulate everybody for the all round performances in academics, extra curricular activities & sports during the 2015-16 session.

The Post-Graduate departments of both Zoology and Geography are successfully running with the students number swelling up each year. I am happy that a fully equipped research centre has been opened in the Post Graduate Department where NET qualified students will get the opportunity to conduct their Ph.D. and other research oriented works. I am glad to know that three scholars of Zoology P.G. Department has successfully completed and awarded Ph.D. Degree in this year (2016).

I extend my good wishes for the further progress and development of this institution.

Prof. Jiban Mukhopadhyay
President, Governing Body
Vidyasagar College, Kolkata
Date: 28th September, 2016

Mission statement:

Upholding the cause of Education and Nation Building

FROM THE PRINCIPAL'S DESK

Stepping on to the second year at the helm of Vidyasagar College, I still find myself in myriad of works, work to keep up with the tempo and amalgamate the glorious legacy with the present scenario. Students have thronged for a seat in this prestigious college or the parents for their ward. The demand ratio has been scaling new heights each year.

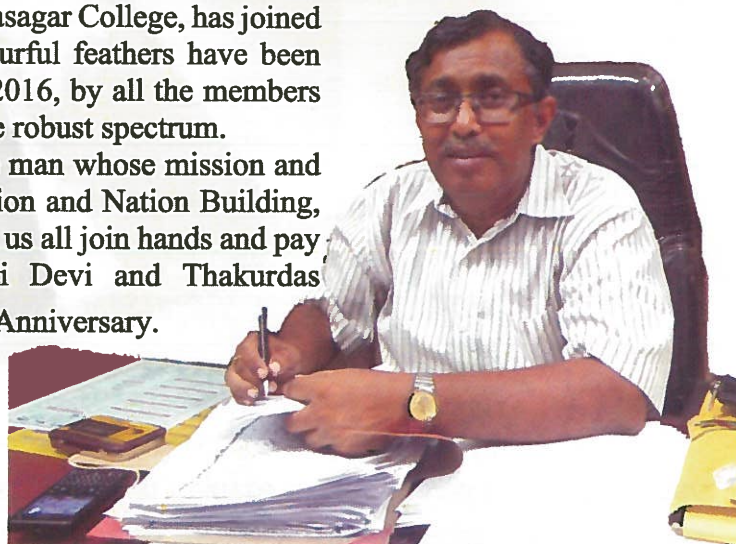
2016 is a very special year for Vidyasagar College and its staffs and students. The NAAC peer team would be visiting the college for accreditation of 2nd cycle, in the 1st week of December. Each and every member including all stake holders of Vidyasagar College have been gearing up for the mega event.

Spectrum, the Annual Report magazine of Vidyasagar College, has joined the milieu with new feathers in its cap. The colourful feathers have been contributed handsomely, during the session 2015-2016, by all the members of the 21 UG and 2 PG departments, to decorate the robust spectrum.

All of these has been possible for one man, the man whose mission and vision has been for uploading the cause of Education and Nation Building, the Founder, Pandit Iswar Chandra Vidyasagar. Let us all join hands and pay homage to this philosopher, son of Bhagavati Devi and Thakurdas Bandyopadhyay and commemorate his 197th Birth Anniversary.

Dr. Gautam Kundu,
Principal,
Vidyasagar College,

Dated: 28th September, 2016



FOREWORD

It gives me immense pleasure to introduce the Annual Report of the session 2014-2015 of Vidyasagar College significantly named SPECTRUM.

Like the iridescent hues of the seven colours of the spectrum which merge to create white light, Vidyasagar College is a living testimony to the changes in our history. Set up as a private college in 1872 as an indigenous enterprise for fostering education which was solely run by Indians, it has tried to match the tireless zeal for perfection sought by its august founder Pundit Ishwar Chandra Vidyasagar. Thousands of students have walked out of its hal-

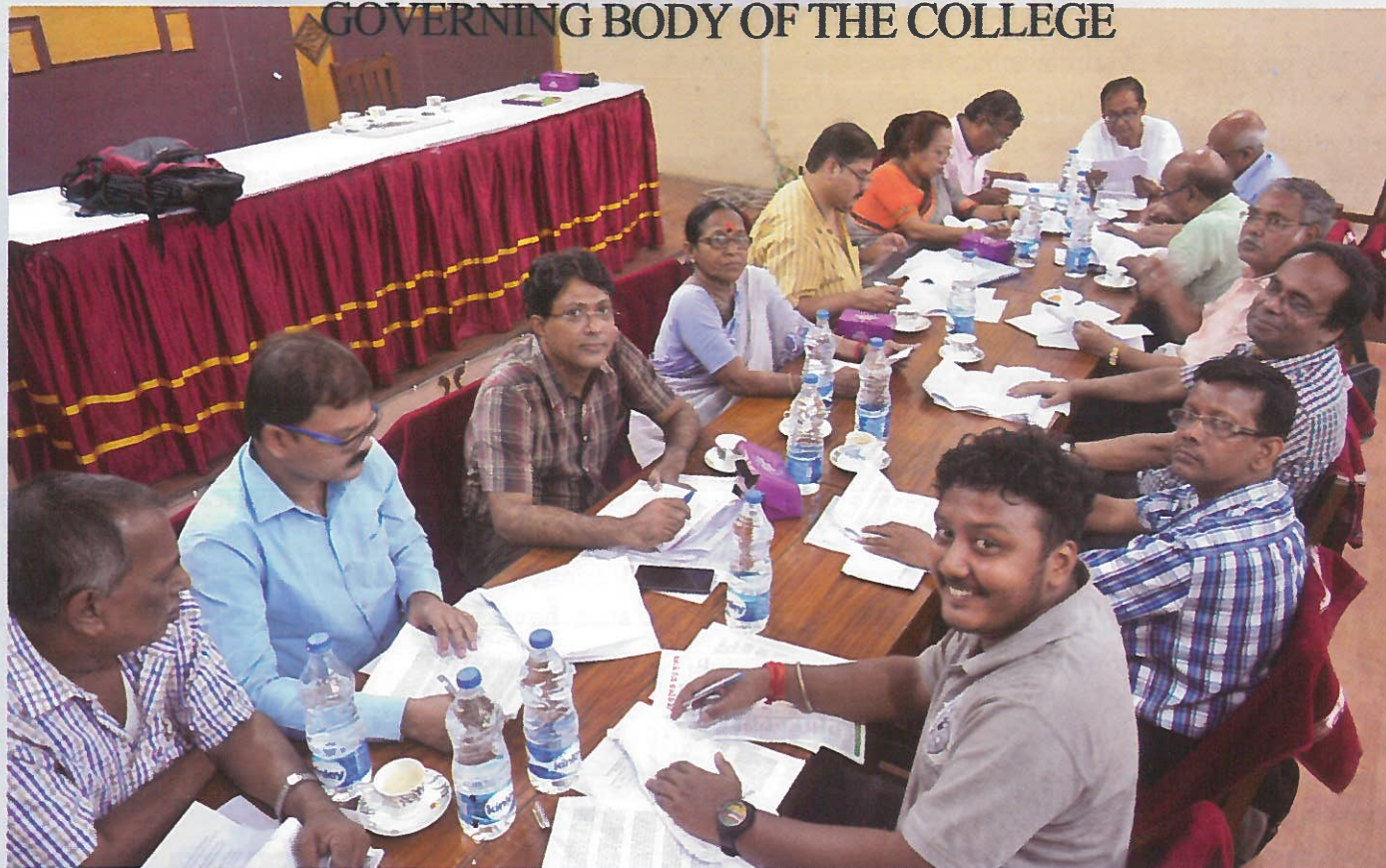
lowed portals to achieve success in their lives and careers. The college is well known for its rich and glorious legacy which has significantly contributed to the spread of education and has been in the forefront of intellectual and academic arena of the University of Calcutta for over a century and more.

The college has seen the birth of a new nation, witnessed the pains of partition, the emergence of a turbulent restive period as well as the dawn of a new millennium as it has nurtured young minds to seek the truth as knowledge. It is this quest for knowledge that has attracted dynamic

minds to adopt new processes of learning and pursue them wholeheartedly to gain not only meaningful employment but also fulfil their social responsibility with a touch of humanism.

This has been made possible because of a solidarity and trust which has resided between the stakeholders of the college. The Administration, teachers, educational employees and most importantly our students are part of this myriad social institution who shall continue to lead the college well into the Twenty first century with its new challenges and new complexities to fulfil the goals of our founder-Service and Compassion,

GOVERNING BODY OF THE COLLEGE



HONOUR FOR DEDICATED TEACHING

EDUCATION DIRECTORATE
GOVERNMENT OF WEST BENGAL
BIKASH BHAVAN, SALT LAKE,
KOLKATA - 700091

No. ED - 875(20)/2016

Dated: 2nd September, 2016

From:
The Director of Public Instruction,
Education Directorate,
Government of West Bengal,
Bikash Bhavan, Salt Lake,
Kolkata 700091

To
Dr. Sudipa Bandyopadhyay,
Associate Professor in Sanskrit,
Vidyasagar College,
Kolkata

Respected Madam,

It is my privilege to inform you that you have been selected to be awarded the SIKSHA RATNA SAMMAN for 2016.

The State Government proposes to honour you on Teachers' Day by conferring this prestigious award on you at a State-level function to be organised at Nazrul Mancha at 1.00 pm on 05th September 2016.

Accordingly, I request you to be kind enough to grace the occasion and accept the award in the said function. It will help if you kindly reach the venue preferably by 11.00 am.

Logistical issues, if any, may please be clarified with Sri Pranatosh Chatterjee, Assistant Secretary, Higher Education Department [Mobile No.- 9330179336].

With regards,

Prof. Nimai Chandra Saha
Director of Public Instruction

Dr. Sudipa Bandyopadhyay, Associate Professor, Department of Sanskrit, has been awarded "Siksha Ratna Samman for the year 2016" from the Government of West Bengal on 5th September, 2016.



CONTINUING INITIATIVES

- Fully computerized admission to 1st year classes in both UG and PG section of the College: online admission form submission and applicants' are allowed to deposit the application fees either On-line or in the nationalized bank all over West Bengal.
- Introduction of computerized student management system.
- Pay packet claim and disbursement is computerized.
- Computerized Salary Accounts (COSA) & e-Pradhan have already been introduced.
- Computerization of books of account has been completed.
- Any kind of payment is made followed by the F.C. and / or G.B. Recommendations.
- All the casual non-teaching members are covered under GSLI (LIC) scheme along with the faculty members.
- All the casual non-teaching members are covered under EPF, ESI scheme.
- Provident Fund disbursement of all employees are made on the day of retirement.
- Service Book of the staffs are generally sent to the concerned Govt. Dept. six months before retirement.
- Kanyasree Prakalpa, initiated by the Govt. Of West Bengal, has already been initiated for the eligible girl students.
- Various new Scholarships and Students Assistance have been introduced based on merit and financial need.

NEW INITIATIVES

Library Management Software:

- Implementation of new Library Management Software: NewGenLib version 3.0.3 (latest) with digital library facilities has been installed.
- All data conversion have been done from SOUL Version 1.0 to NewGenLib and Digital Library along with computerized user services have been introduced.

Renovation of the Central Library:

- Central Library at 17 Bidhan Sarani Campus has been thoroughly renovated along with its electrical wiring, painting, e-zone and others. New computers have been installed in UG & PG Central Libraries.

Renovation in the Archive:

- Air conditioning machine has been installed in the Archive for better preservation of rare books.

Photocopying Machine:

- Old machine has been replaced with modern, high speed Xerox Machine with additional features of scanning and printing.

Journalism & Mass Communication:

- A full sound proof studio with modern amenities has been setup in the Department.

Mathematics:

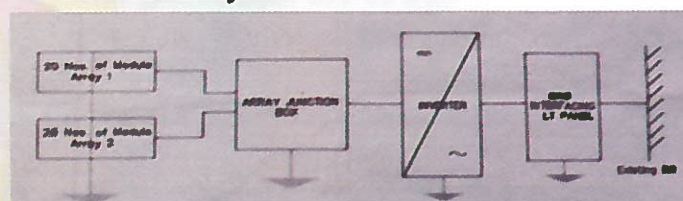
- Mathematics Laboratory has been setup
- New computers have been installed

Gymnasium:

- Construction of changing room attached to Gymnasium
- Purchase of new equipments for Gymnasium & male & female instructors have been employed.

Other initiatives:

- Seminar room: Seminar cum smart class room has been setup for holding National & International seminar.
- Campus WiFi installation in 17 Bidhan Sarani Campus and 39 Sankar Ghosh Lane have been complete.
- NSS has been renewed and a room has been allotted
- PG campus: Play Ground and Butterfly Park has been setup.
- Renovation & painting of 17 Bidhan Sarani Campus has already been done.
- Students' Union has been provided with projector & computer setup in their own separate room.
- 10 KWP Grid Connected Roof top Solar Photovoltaic Power Plant has been implemented along with total renovation of the electrical distribution system.



STUDENTS' PERFORMANCE

UNIVERSITY OF CALCUTTA

DATE : 22/05/2016

Statement of Provisional Result
B. A. / B. Sc. Part III (Honours) Examination, 2016
(Under 2007 Regulations, 1+1+1 System)
College : 135 - VIDYASAGAR COLLEGE

Honours Subject-Wise Statement of the College :

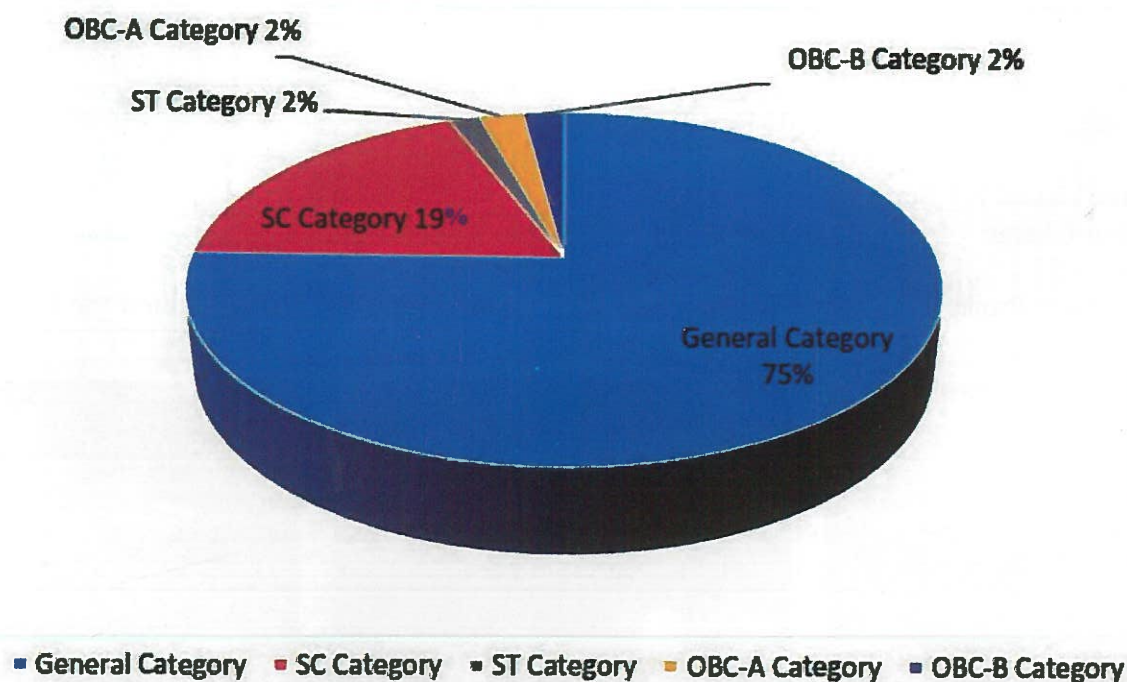
Subject Code	Enrolled	Absent	R. A.	INC.	EC.	RW.	PNC.	DSQ	First Class	Successful candidates Second First Second	Without	% of Success With Hons	% of Success
BCMA	19	0	0	0	0	0	0	0	15	3	0	94.74	100.00
BNOA	59	2	0	0	0	0	0	5	3	44	0	90.38	98.08
BOTA	15	0	0	0	0	0	0	0	7	8	0	100.00	100.00
CEMA	33	0	0	0	0	0	0	0	23	8	0	93.94	96.97
CMBA	22	0	0	0	0	0	2	0	12	8	0	100.00	100.00
ECOA	35	1	0	0	0	0	4	0	4	25	0	96.67	100.00
ELTA	15	1	0	0	0	0	2	0	7	5	0	100.00	100.00
ENOA	42	1	0	0	0	0	2	0	0	38	0	77.44	100.00
FNTA	28	0	0	0	0	0	2	0	11	10	0	80.77	96.15
GEOA	57	0	0	0	0	0	3	0	30	23	0	98.15	98.15
HISA	52	0	0	0	0	0	7	0	1	41	0	93.33	97.78
JORA	30	2	0	0	0	0	1	0	2	25	0	100.00	100.00
MTMA	49	0	0	0	0	0	0	0	7	22	0	59.18	77.55
PHIA	19	0	0	0	0	0	2	0	0	12	0	70.59	94.12
PHSA	37	1	0	0	0	0	1	0	17	9	0	80.00	91.43
PHYA	12	1	0	0	0	0	0	0	8	3	0	100.00	100.00
PLSA	35	3	0	0	0	0	7	0	4	20	0	92.31	100.00
PSYA	25	0	0	0	0	0	2	0	7	17	0	100.00	100.00
SANA	16	0	0	0	0	0	2	0	5	8	0	92.58	100.00
ZDOA	51	0	0	0	0	0	1	0	29	20	0	98.00	100.00
Total :	653	12	0	0	0	0	43	0	194	349	0	90.80	96.66

Examination-wise Statement of the College :

Examination	Enrolled	Absent	R. A.	INC.	EC.	RW.	PNC.	DSQ	Successful candidates I II 1 2 P	Unsuccessful EX3 X	% of Success
B. A. (Honours)	263	8	0	0	0	0	0	27	16 195 0 0 14	3 0	98.68
B. Sc. (Honours)	390	4	0	0	0	0	0	16	178 154 0 13 9	17 0	95.41
Total :	653	12	0	0	0	0	0	43	194 349 0 13 22	20 0	96.66

STATEMENT OF RESULTS OF PART-III FINAL EXAMINATION, 2015-16

Category wise registration data for the session 2016-2017





LIBRARY RESOURCES & SERVICES

Vidyasagar College Central Library (UG)

(Established in the year 1872)

Location: Bidhan Sarani Campus (First Floor)

Library Blog: <http://vclibrary.wordpress.com>

Library at a glance

Total carpet area: 3000 sq. Ft. (Approx.) including archive

Seating capacity: 40 Students & 4-5 Faculty members

Internet facility: Only for the members

CCTV: Installed for the security purpose only

Total Collection: Near about 55000 (Books & Journals);

Computerised database partially ready : More than 33000 books are present in the database

Audio visual material (CD/ DVD/Floppy): 215 (mainly accompanied materials)

Selection of documents / acquisition policy: By the departmental Heads and Library Committee

Lending: 3 books for Honours and 2 for Pass students

Lending Period: For one month

Reference: 2 documents at a time/ student

Journals & e-books: Members can access journals & e-books those are subscribed through NLIST

Library & its members

Librarian : 02

Library Clark : Nil (01 Post Vacant)

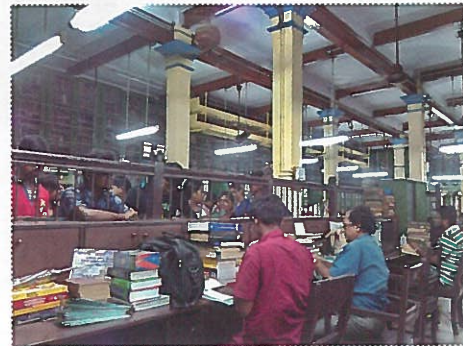
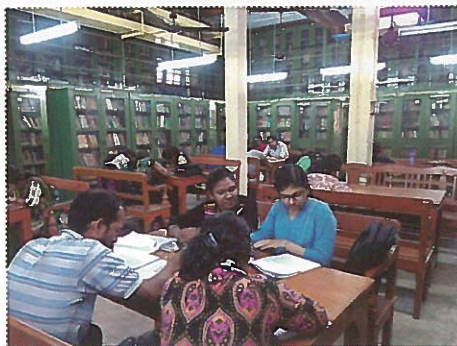
Peon : 01 (and one post vacant)

Whole time Casual NT Staff: 02

Librarian-in-Charge : Raja Biswas, M.Sc., MLIS.

Librarian : Arpita Dutta Dey, B.Sc., MLIS, M.Phil.

Minor Research Project : Raja Biswas, Selection Grade Librarian, had submitted the final report of his Minor Research Project during the last session.



Turn left for emergency exit

EXIT

Emergency Exit & Toilet

Toilet

Window

**Bhagabati Devi
Archive**

**Stack cum
store Room**

Window

Central Library

BNGA

BNGA

BNGA

ENGA

ENGA

ENGA
BNGA

BNGA

Mixed

C.U. CAL

Hanging platform

Hanging platform

BNGA
BNGA
BNGA
BNGA
ENGA
ENGA
ENGA
ENGA
ENGA
ENGA
SANA
SANA
SANA
SANA
SANA
SANA
SANA
SANA

Hanging Book rack

Pol. Sc.
Pol. Sc.

Pol. Sc. Geography Geography Geography

Philosophy Philosophy Philosophy
Pol. Sc. Pol. Sc. Pol. Sc.

Window

English
English
English

English History
English History
English History

Window

Economics
Economics
Economics

Economics Reference
Economics Comp. Sc.
Economics Comp. Sc.

Window

Bio. Sc.
Bio. Sc.
Bio. Sc.

Bio. Sc. Bio. Sc.
Bio. Sc. Bio. Sc.

Window

STAIR CASE

Reading Space for the Staff

**Main
Entrance**

E- zone

Reading Space for Students

Reading Space for Students

Emergency Exit, way to
Archive, Drinking Water

Bengali Bengali Bengali Sanskrit

Bengali Bengali
Bengali Bengali Bengali

Mathematics
Mathematics
Mathematics

Mathematics
Mathematics
Mathematics

Window

Electronics
Electronics
Chemistry

Window

Chemistry
Chemistry
Chemistry

Window

Official Documents
Official Documents
New arrivals

Window

Librarian- II

Issue- return of books, Reference query desk

Librarian- I

Journals

New arrivals

New arrivals

Hanging Book rack

Hanging platform

BNGA
BNGA
BNGA
BNGA
ENGA
ENGA
ENGA
ENGA
ENGA
ENGA
HISA
HISA
HISA
HISA
HISA
HISA
HISA
HISA

VIDYASAGAR COLLEGE CENTRAL LIBRARY DETAILED LAYOUT

Book strength of Central Library

Vidyasagar College

39, SANKAR GHOSH LANE, KOLKATA-700006.

Departments	Upto 31.3.2015 Total Collection	01.04.2015-31.03.2016 Addition		Upto 31.03.2015 Total Collection	Deductions: Due to Cost Paid/ Un-returned since 1940					Actual Books Strength as on 31.03.2016
		UGC	Non-UGC		Previous Loss upto 31.03.15	Previous Total	Current Deduction	Current Deduction	Total Current	
					UGC	Non-UGC	UGC	Non-UGC	Deduction	
Bengali	5976	29	0	6005	54	319	373	0	1	5631
English	5168	3	0	5171	27	249	276	0	1	4894
Sanskrit	3116	0	0	3116	12	79	91	10	2	3013
Hindi	2261	0	0	2261	4	63	67	0	0	2194
Pali	122	0	0	122	0	1	1	0	0	121
Histroy	3808	43	0	3851	66	175	241	0	0	3610
Pol. Sc	2522	58	0	2580	48	145	193	1	0	2386
Economics	2436	6	0	2442	31	154	185	2	0	2255
Philosophy	2564	11	0	2575	29	83	112	1	0	2462
Geography	1608	0	0	1608	12	141	153	3	0	1452
Mathematics	2783	24	0	2807	46	224	270	0	1	2535
Physis	2374	1	0	2375	62	192	254	0	1	2120
Chemistry	2113	0	0	2113	64	150	214	0	0	1899
Botany & Biology	1484	15	0	1499	30	196	226	0	0	1273
Zoology	1098	4	0	1102	32	33	65	3	2	1032
Physiology	605	7	0	612	16	58	74	0	0	538
Electronics	318	17	0	335	2	1	3	0	0	332
Computer Sc.	552	28	0	580	4	2	6	3	1	570
Anthropology	20	0	0	20	0	0	0	0	0	20
Misc. (Ref.)*	4577	25	0	4602	1	39	40	0	0	4562
Mol. Biology	28	0	0	28	0	0	0	0	0	28
Environ. Sc	34	0	0	34	0	0	0	0	0	34
Journalism	303	24	0	327	2	2	4	1	0	322
Biochemistry	82	3	0	85	1	0	1	2	0	82
Psychology	104	19	0	123	0	0	0	1	0	122
Food & Nutrition	68	12	0	80	0	0	0	0	0	80
	46124	329	0	46453	543	2306	2849	27	10	43567
	a	b	c	a+b+c	d	e	f=d+e	g	h	i=f+g+h
								Books added	329	
								Books lost/cost paid	37	

*Reference Includes: Books of Library Science also.

NOTE: This calculation is based on data, available in the library & considering previously submitted records found in the register.

SUMMARY: Collection upto 31.3.2015: 43275
Reference books: 4562
Text books: 39005

Collection upto 31.3.2016: 43567
Reference books: 4562
Text books: 39005

SEATING CAPACITY: Student:36(Reading)+9(E-zone) and Faculty: 4-5
NUMBER OF SUBSCRIBED JOURNALS: Hard Copy: 0 + N-LIST online membership

BACK VOLUME OF THE SUBSCRIBED JOURNAL	
JOURNALS: UPTO 31.03.2015:	13625
JOURNALS: UPTO 31.03.2016:	13625
CD/ DVD	200 (approx.)

Digitisation:

E-Zone has been set up for Internet browsing, Library Catalogue searching, Online Journal & E-Book access
Digital collection of scan copy of the Question Papers have been set up along with its searching & full text view from OPAC (Public Access Catalogue)

Computerised lending of books

Barcode generation have been started for easy & rapid lending procedure

Xerox, scan & print facilities are available

Audit has been done up to 2015

CCTV has been installed for proper security purpose

WiFi has been setup within the library

Achievement of the faculty member:

Raja Biswas, Librarian, Selection Grade (Stage - 3)

Publication & seminar

- **Raja Biswas:** Proper utilization of ICT: A case study with special reference to modernization of ICT infrastructure. 2015. LiNE 2015 (Proceedings of the National Seminar on Libraries in Next Era. ISBN:978-81-930849-0-8.



Raja Biswas, Librarian-in-Charge, Sel. Gr. Librarian



Arpita Dutta Dey, Librarian

Arpita Dutta Dey, Librarian, Vidyasagar College has joined this Institute in the year 2014. She has already completed her M.Phil. Course in Library & Information Science and conducting Ph.D. in the University of Calcutta.



Subimal Chakraborty is the most senior most supportive Staff of the library (in the middle), **Monojit Hazra** (Right side) and **Teklal Rabidas** (left side) are very efficient.

POST GRADUATE SECTION AT SALT LAKE CAMPUS

Library

Working hours: Monday to Friday-11 am to 5 pm & Saturday- 11 am to 2 pm

Total users during the last session: Students: 230; Teacher: 40

Number of users: 220 students, 30 faculty members

Total documents:

Department of Geography: 485 (purchased) & 247 (donated)

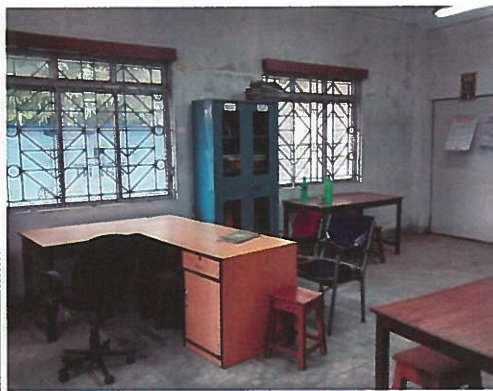
Department of Zoology: Books- 668 (purchased); Journals- 125; Project papers: 113

Addition of books and journals:

Geography: 54 books (Rs. 99800/- only)

Zoology: 50 books (Rs. 99994/- only)

Library Software: NewGenLib version 3.1. **Computers:** 2 Computers (One server & one client)



College Appointed Librarian: 01

Library Peon: 01

Computerization & databases: Yes

Sulata Banerjee, M.A., B.Ed., MLIS, Librarian-in-Charge (College Appointed)

Department of Geography (PG)

Vidyasagar College, which derives its name from its founder, Sri Ishwar Chandra Vidyasagar, the greatest academician of all times, is in itself a symbol of heritage. The college was an outcome of his far sighted thought process and we as torch bearers should carry the legacy forward. The Department of Geography has always been a leading department in the College. To take it a notch higher, the faculty members has constantly provided active participation and willing support. Valuing the standard of the department, the University opened the Post Graduate Department in September, 2009. This created a golden chance for eager students to pursue higher education who were earlier not able to do so due to the limited seats in the University. Since then, the Post Graduate Department of Geography has always been fruitful in catering to the needs of the students and providing the best of facilities to take it a step higher.

Keeping in view the betterment of the students, the Governing Body passed a resolution on 13th February, 2015 with effect that a section of the institution would be restructured as a Research Centre to enable students to pursue their PhD programme. Finally, on the 14th May, 2015, the Syndicate approved the setting up of the Post Graduate Research Centre in the Department of Geography, thereby opening a new horizon for the

department in the future. Furthermore, a request was made to the Pro-Vice Chancellor (Academic) to make necessary arrangements for conducting PhD Coursework. This would in turn facilitate and promote research studies keeping in mind the heritage of the glorious institution started by Sri Ishwar Chandra Vidyasagar.

Dipshikha Saha and Ujjwal Bhandari have already been registered in the PhD programme under the supervision of Dr. Uttam Mukhopadhyay in the month of April. Apart from them, Mr. Shyamal Santra, Mr. Biswajit Roy Chowdhury, Mr. Sanjay Ahir and Ms. Yogita Dutta are to be registered in the PhD programme in the month of September-October. The Research Centre today boasts of 16 students who have qualified the NET Exam and 3 students who have been awarded JRF in NET Exam.

The Research Centre is also involved in a research project namely 'Social Behaviour and Economic Development of Tribal Population of Bankura District ~ A Micro-Level Planning' which has been provided by the Department of Higher Education, Government of West Bengal. Another upcoming research activity, which focuses on the micro-level planning of the Panchayats, will help us in procuring a multitude of data in a hassle free procedure.

New Instruments purchased

This year 5 Computers, 5 CPU, 2 Printers are purchased by the Department. Two licenses of 21st Century Software was also purchased. This year two GPS, one sieving machine, and two current meters, one big and one small are also purchased. A Total Station will be installed in the PG Department of Geography shortly.

Excursion for the post graduate students took place in two batches. The first batch was taken to Araku valley under Sri Moumita Kanjilal, Dr Sumana Roy and Dr Piyali Ghosh. 26 students having Population Geography and Regional Planning as their special papers participated in the Excursion. The Excursion was held from 31st January to 7th February, 2016. The 2nd batch was taken by Dr Uttam Mukhopadhyay and Dr Partho Bose to Rinchonpong in February, 2016. Students having Urban Geography and Advanced Geomorphology as special papers participated in the excursion.

The results of final semester were declared in November, 2015. Out of 52 students appearing for the examination, 4 got above 70% and 49 got above 60%.

This year, 4 students cleared NET exam of UGC of which two students got JRF scholarship.

Department of Zoology (PG)

Three scholars have been awarded the Ph.D. Degree:

Sl. No.	Name	Name of Supervisors with affiliations	Year of Ph.D. registration	Year of Ph.D. Award	Title of thesis	University where registered
1	Dipanjita Sengupta	Prof. Gobinda Chandra Sadhukhan, Professor in Zoology, Ex- Director, UGC-Human Resource Development Center, Jadavpur University, Kolkata	2013	2016	Study on the ameliorative effect of S-allyl cysteine and Berberine against hepatocarcinoma	Kalyani University
2	Avik Sarkar	and	2013	2016	Role of garlic and its active compounds in the reduced survival of erythrocytes after lead (Pb ²⁺) exposure. An invivo study	Do
3	Soumosish Paul	Dr. Pradip Kumar Sur, (Retd) Associate Professor, Kanchrapara College, Kanchrapara, North 24-PGS	2013	2016	Micro-dose effect of Chelidonium and garlic active component in amelioration of chemically induced hepatocellular carcinoma in mice	Do



Publication by the faculty:

Dr. Minakshi Mazumdar:

- Saha, Shilpi, Shravanti Mukherjee, Poulami Khan, KirtiKajal, **Minakshi Mazumdar**, Argha Manna, Sanhita Mukherjee et al. "Aspirin Suppresses the Acquisition of Chemoresistance in Breast Cancer by Disrupting an NFκB–IL6 Signaling Axis Responsible for the Generation of Cancer Stem Cells." *Cancer research* 76, no. 7 (2016): 2000-2012.
- Khan, Poulami, Argha Manna, ShilpiSaha, Suchismita Mohanty, Shravanti Mukherjee, **Minakshi Mazumdar**, DeblinaGuha, and Tanya Das. "Aspirin inhibits epithelial-to-mesenchymal transition and migration of oncogenic K-ras-expressing non-small cell lung carcinoma cells by down-regulating E-cadherin repressor Slug." *BMC cancer* 16, no. 1 (2016): 1.
- **Minakshi Mazumdar**, Arijit De, Debasish Karmakar, Maseera Islam, Tanumoy Paul, Atikul Islam and Gobinda Chandra Sadhukhan. A comparative study on the prevalence and evolutionary significance of some species of *Raillitinasp.* form *Gallus gallusdomesticus*. Seminar Proceedings in UGC – Sponsored National Seminar on Biophysics: Impact on Today's Society. Victoria Institution (College), September, 2016.
- Debasish Karmakar, Saikat Roy, **Minakshi Mazumdar**, Arijit De, Gobinda Chandra Sadhukhan and Gautam Kundu. Comparative Analysis of feeding intensity of three congeneric carp fishes commonly found in West Bengal from Anatomical, Histological, Biochemical and Genetic Perspectives – A Preliminary Study. Seminar Proceedings in UGC – Sponsored National Seminar on Biophysics: Impact on Today's Society. Victoria Institution (College), September, 2016.
- Poulomi Sarkar, **Minakshi Mazumdar**, Ankur Bhowal. Identifying casual genes for various HIV associated encephalopathy through metaanalysis of gene expression data. Seminar Proceedings in UGC – Sponsored National Seminar on Biophysics: Impact on Today's Society. Victoria Institution (College), September, 2016.

Prantik Ghosh:

- Arijit De, Minakshi Mazumdar, **Prantik Ghosh**, Debasish Karmakar, Angana Roy, Taskin Hoque and Gobinda Chandra Sadhukhan # Efficacy of *Lampitosp* as Lead Bioremediator with concomitant effect on its Seminal Microflora. Seminar Proceedings in UGC – Sponsored National Seminar on Conservation of Biodiversity and Natural Resources in Sustainable Development. APC College, September, 2016

Arijit De:

- Dey, Abhijit, Souryadeep Mukherjee, **Arijit De**, and Devendra Kumar Pandey. "A Stigmasterol Containing n-hexane Fraction of *Rauvolfiaserpentina* Methanolic Extract Shows Tissue-Specific Variation of Biocidal and Antioxidant Activities." *Journal of Herbs, Spices & Medicinal Plants* 22, no. 1 (2016): 81-91.
- **Arijit De**, Minakshi Mazumdar, Prantik Ghosh, Debasish Karmakar, Angana Roy, Taskin Hoque and Gobinda Chandra Sadhukhan # Efficacy of *Lampitosp* as Lead Bioremediator with concomitant effect on its Seminal Microflora. Seminar Proceedings in UGC – Sponsored National Seminar on Conservation of Biodiversity and Natural Resources in Sustainable Development. APC College, September, 2016
- Minakshi Mazumdar, **Arijit De**, Debasish Karmakar, Maseera Islam, Tanumoy Paul, Atikul Islam and Gobinda Chandra Sadhukhan. A comparative study on the prevalence and evolutionary significance of some species of *Raillitinasp.* form *Gallus gallusdomesticus*. Seminar Proceedings in UGC – Sponsored National Seminar on Biophysics: Impact on Today's Society. Victoria Institution (College), September, 2016.
- Debasish Karmakar, Saikat Roy, Minakshi Mazumdar, **Arijit De**, Gobinda Chandra Sadhukhan and Gautam Kundu. Comparative Analysis of feeding intensity of three congeneric carp fishes commonly found in West Bengal from Anatomical, Histological, Biochemical and Genetic Perspectives – A Preliminary Study. Seminar Proceedings in UGC – Sponsored National Seminar on Biophysics: Impact on Today's Society. Victoria Institution (College), September, 2016.

Excursions:

- Students of 3rd Semester M.Sc Zoology conducted excursion to the Mangalajodi, Odisha in December 2015
- Students of 3rd Semester M.Sc Zoology, Ecotoxicology Special paper conducted excursion to Dooars and Adjacent areas, West Bengal in October 2015
- Students of 3rd Semester M.Sc Zoology, Fisheries and Aquaculture Special paper conducted excursion to Bakkhali sea beach and adjacent area and Bakkhali Crocodile Project in December, 2015
- Students of 3rd Semester M.Sc Zoology, Fisheries and Aquaculture Special paper conducted excursion to Central Inland Fisheries Research institute (CIFRI), Barrackpore, West Bengal in February 2016.

UNDER GRADUATE SECTION AT 39 SANKAR GHOSH LANE & 17 BIDHAN SARANI, KOLKATA- 700 006

Department of Bengali

Student:

Number of students appeared in
the 3rd year final examination: 59
Number of First Class : 03
Number of Second Class : 44
Success Rate with Hons. : 98.08
Student achievements : Very Good
Departmental Library : Yes
Departmental Seminar : Yes
Departmental Publication : Yes
Parent-teacher meeting : Yes

Faculty:

Partha Kumar Chatterjee, MA., Ph.D., Associate Professor (HOD)
Abhijit Labiri, M.A., Associate Professor
Sohini Ghosh, M.A., M. Phil., Ph.D., Associate Professor
Suman Majumder, M.A., Ph.D., Assistant Professor
Piyal Bhattacharyya, M.A., PTT (Govt. Approved)
Swagata Bhadra, MA., PTT (Govt. Approved)
Substantive : 04; PTT : 02; Number of vacant post(s) : 01



Achievements of the faculty members:

Dr. Suman Mazumder

- Publication details: National level seminar: 14
- Seminar Paper: 11 (10 national level and 1 International paper)
- Resource Person: Chandra Ketugarh S. S. Mahavidyalaya

Partha Chattopadhyay , H.O.D.

Acted as resource person in Orientation programme organized by CU-ASC in 2015.

Sohini Ghosh

Acted as resource person in a state level seminar organised by Herambachandra college, Kolkata in 2015.

Important Events held during last session:

1. Published departmental magazine 'Bangodarpan' in Oct ' 2015.
2. Observed 'Agomoni' a cultural evening in Oct ' 2015.
3. Organized departmental seminar on 'Communication.....[Sonjog monche o mone]' by Debsankar halder, eminent dramatist delivered lecture on May'2016.
4. Organized Re-union by the dept. of Bengali on May'2016.
5. Observed 'Baish – e Shrabon' birth anniversary of Abanindranath Tagore & death anniversary of Rabindranath Tagore.
6. Organized an exhibition on Abanindranath tagore on August' 2016.

Students' achievements:

- Mithun Gupta, student of 3rd yr honors. Achived '**Rastrapati Scout**' honour on 2015.
- Pradipta mukhopadhyay, student of 2nd yr honors. Got 2nd position in Bengali folk & Nazrulgiti and also 3rd position in Bengali modern song & Rabindrasangeet organised by Yuba- Kalyan Daptar, Govt. Of West Bengal in the session 2015-2016.
- Arijit Roy, student of 2nd yr Hons. achieved 3rd place in Shot Put in Vidyasagar College sports 2016.



Departmental Seminar & Reunion



Departmental Seminar & Reunion

Department of Sanskrit

Student:

Number of students appeared in
the 3rd year final examination : 16
Number of First Class : 05
Number of Second Class : 08
Success Rate with Hons. : 100%
Student achievements : Excellent
Departmental Library : Yes
Departmental Seminar : Yes
Parent-teacher meeting : Yes

Faculty:

Sukriti Lahiri, M.A., Ph.D., Associate Professor
Sudipa Bandyopadhyay, M.A, M. Phil., Ph.D., Associate
Professor (HOD)
Rajasri Chattopadhyay, M.A, M. Phil.. PTT (Govt. Approved)
Krishna Sil, MA., PTT (Govt. Approved)

Substantive: 02; PTT: 02

Seminar organized by the Department:

- Local seminar on Elements of Prakrit-Grammar and Language, Resource Person was Dr. Suchitra Roy Acharya.

Minor Research Project: Dr. Sudipa Bandyopadhyay had received Rs. 2,05,000/- during the session 2014-2016 and it is still continuing.

Dr. Sudipa Bandyopadhyay has played the role of the **Resource Person** in the Orientation Programmes organized by the Academic Staff College, Jadavpur University (November,2015)

Dr. Sudipa Bandyopadhyay has played the role of the **Chairperson of 2 parallel sessions** in two days National Seminar on "Women's Education in India: Past and Future Possibilities", arranged by the dept. of Sanskrit and the Dept. of Education, Vidyasagar College for Women on 23.09.2015 and 24.09.2015.

Dr. Sudipa Bandyopadhyay had presented her paper in a National Seminar and the topic was 'A Practical Model of Swami Vivekananda's Manmaking Education', organized by the Dept. Of Sanskrit, C.U. and Akhil Bharat Vivekananda Siksha Parishad in November,2015)

Dr. Bandyopadhyay had also presented her paper in a State Level Seminar & her topic was "Surgery In Ancient India As Revealed In Susrutasamhita", organized by the Deptt. of Sanskrit & Vivekananda College for Women, March, 2016)

Dr. Bandyopadhyay had played a vital role as a M. Phil/ Ph.D. Guide. Details are as follows:

No. of students registered	No. of students awarded	No. of students JRF/SRF	No. of students submitted Ph.D.
M.Phil-13 Ph.D.-5	M. Phil-11	JRF-4	Nil

Tushar Kanti Naskar, an ex-student of this college, got the **Rajiv Gandhi Fellowship** and continuing his **M. Phil. Programme** in the University of Calcutta under the supervision of **Dr. Sudipa Bandyopadhyay**.
Anirban Chakrabarty got selected by **C.S.C.** in the post **Assistant Professor**.

Department of Philosophy

Student:

Number of students appeared in the 3 rd year final examination	: 19
Number of First Class	: Nil
Number of Second Class	: 12
Success Rate with Hons.	: 94.12%
Student achievements	: Good
Departmental Library	: Yes
Parent-teacher meeting	: Yes

Faculty:

Dipanwita Chakrabarti, M.A., M. Phil., Ph.D., Associate Professor (HOD)
 Madhumita Mitra, M.A., Assistant Professor
 Arumita Dey, M.A., M.Phil., PTT (Govt. Approved)
 Ms. Sanchita Chakraborty (Guest Lecturer)
 Mr. Md. Obaidullah Mondal (Guest Lecturer)
 Mr. Soumitra Bairagi (Guest Lecturer)
 Substantive: 02; PTT: 01; Guest Lecturer: 03

Academic event: The Department of Philosophy organized a one day Seminar on “**Influence of Darwinian theory on Ethics and Social Philosophy**” on the 23rd September , 2016. Prof. Kumar Mitra (Retd. Professor, Rabindra Bharati University) was the speaker.

Academic activities of the faculties :

Dr. Dipanwita Chakrabarti

- Participated in a one day State-Level Seminar commemorating World Philosophy Day, on ‘**Epistemology: Kantian and Nyāya Perspectives**’, organized by the Department of Philosophy, Presidency University, on the 20th of November, 2015.

Ms. Madhumita Mitra

Paper Presented / communicated

- Presented a paper on ‘**An Alternative explanation of Mill’s Qualitative distinction between pleasures**’ at the 14th Conference of the International Society for Utilitarian Studies, held in Lille Catholic University, France from 6th -8th July. 2016
- Presented a paper on ‘**J.S. Mill’s view on Gender Equality: A Re-Examination**’ at the International Conference for Social Sciences and Humanities, organized by International Journal of Arts and Sciences’ (IJAS) held in Ca’ Foscari University, Venice, Italy from 28th June to 1st July 2016.
- Presented a paper on ‘**Verdict of Competent Judges**’- **A Non-hedonistic Appeal** at the 90th Session of Indian Philosophical Congress, held in Magadh University, Bodh Gaya, from 1st February- 4th February, 2016.
- Presented a paper on ‘**Rabindranath Tagore’s view on the moral status of Woman: An Analysis**’ at the 2nd Asian Philosophy Congress held in GITAM University, Visakhapatnam, India, from 19th -20th January, 2016.
- Submitted a paper entitled ‘**J.S. Mill’s Notion of Qualitative Superiority of Pleasure: A Reappraisal**’ in the Journal of Philosophy of the Department of Philosophy, University of Calcutta in 2015.
- Public Lecture delivered at Belgachhia Yuba Sammilani on the 28th Aug 2016 on “**Bisrinkhol koishore: baba ma o samajer dayitwa**” (*Undisciplined Youth and the role of parents and society*)



Honor conferred to Ms. Madhumita Mitra:

- **Chaired an academic session** at the International Conference for Social Sciences and Humanities, organized by the International Journal of Arts and Sciences' (IJAS) held in Ca' Foscari University, Venice, Italy from 28th June to 1st July 2016.
- **Warded Travel grant** from ICSSR for presenting paper at the 14th Conference of the International Society for Utilitarian Studies, held in Lille Catholic University, France in July , 2016

Ms. Arumita Dey

- Published an article "**Banglar Lokachare Dharma**" in **Itihas o Sanaskriti** Vol. II, 2016. ISSN:23945737

Ms. Sanchita Chakraborty

- Received **M.Phil degree** from the University of Calcutta in 2015.
- Obtained 3rd position in the competition organized by the Centre for Sri Aurobindo Studies of the Department of Philosophy, Jadavpur University on '**Nationalism: From the perspective of Sri Aurobindo**' on the 19th March, 2016.
- Attended a Seminar on '**Some Reflections on Consciousness**' held at the University of Calcutta on the 9th March , 2016.

Md. Obaidullah Mondal

- Presented a paper in the UGC sponsored National Seminar on '**Understanding Research Methodology**' organized by the Department of Philosophy, West Bengal State University.
- Qualified **Junior Research Fellowship** (UGC-NET) ,held on 27th December, 2015

Soumitra Bairagi

- Selected for **Rajiv Gandhi National Fellowship** in 2016.
- A paper on '**Socrates er Jobanbondi**' has been accepted for publication in the Academic Journal 2016 of the Department of Philosophy , Ramkrishna Mission Vidyamandir (affiliated to University of Calcutta).

Student Profile & Student Achievements

Smriti Ghosh of 2nd Year Philosophy Honours has received

- Gold medal** in Bangalore open karate Championship held in 2016.
- First and Second prize** in 3rd Intra-club Karate Championship held in 2016.
- First Prize** in Raha Cup tournament held in 2015.
- Bronze medal** in West Bengal Karate Championship held in 2015.
- Gold medal** in International Open Karate Championship held in 2015.



Faculty members

Department of History

Student:

Number of students appeared in the 3 rd year final examination	: 52
Number of First Class	: 01
Number of Second Class	: 41
Success Rate with Hons.	: 97.78%
Student achievements	: Very Good
Departmental Library	: Yes
Parent-teacher meeting	: Yes
Excursion/ Educational Tour	: Yes

Faculty:

Ishita Chakrabarti, M.A., Associate Professor
 Bhaswati Chatterjee, M.A., Associate Professor (HOD)
 Sekhar Bhowmick, M.A., Ph.D., Assistant Professor
 Kingshuk Dasgupta, M.A., M.Phil., PTT (Govt. Approved)
 Moumita Datta, M.A., M.Phil., PTT (Govt. Approved)
 Substantive: 03; PTT : 02



Academic activities of the faculties :

Ishita Chakravarty

- Co-authored a book : Chakravarty, D. and Chakravarty, I.(2016), *Women, Labour and the Economy in India From migrant menservants to uprooted girl children maids*, London and New York: Routledge. ISBN: 978-0-415-84470-3(hbk)
- Co-authored an article: Chakravarty, I. and Chakravarty, D.(2016), 'Grihasramik na Kritadas? Paschimbonge Sishukanya Kajer Meye', *Alochona Chakra*, Samkalan 40, January 2016 :241-248. ISSN: 2231-3990.

Bhaswati Chatterjee

- Submitted Ph.D. thesis entitled *The Second Social Reform Movement: Gender and Society in Bengal 1930s-1950s* at the Department of History, Calcutta University on 6th May, 2016.

Shekhar Bhowmick

Research Project Grant Awarded & Research fellow:

- Amounting to Rs.75,000/- received from Indian Council of Social Science Research (ICSSR-ERC/2014-15/64 dated 08.09.2014. Duration:18 months (Topic: Minor Towns of Colonial Bengal)
- Amounting to Rs.1,80,000.00/- awarded by UGC [F.No.PHW-178/14- 15(ERO)] Duration:24 months.
- **Research Fellow** : Indian Council of Historical Research.Sanctioned amount : 2,50,000/-[1-55/2011- ICHR(GIA-III) RP dated 23.10.2012]. Duration:Initially 2 years. Extended up to December,2016.

Seminar attended as Resource Person (Speaker)

- UGC Sponsored International Seminar held on 18.03.2016 organised by the Department of History, Rabindra Bharati University on *Studies in Local History : Memories, Metaphors & Methods*.

- UGC Sponsored National Seminar held on 24.09.2016 organised by Post Graduate Department of History, Fakir Chand College on *Situating Sources in Indian History*.

Books edited

- *Banglar Sahar: Oupanibeshik Parba*, Kolkata, 2015

Member, Board of Studies

- Ramakrishna Mission Vidyamandira (Autonomous), Belur Math, Howrah, West Bengal

Kingsuk Dasgupta

Attended a course entitled *The Subjectivity and the Body: A Feminist Approach* in Centre for Studies in Social Sciences, Calcutta, Semester II, January-April, 2016.

Moumita Dutta (PTT), M.A., M.Phil.

Paper published

- 'White Prostitutes in Indian Historiography' in *Bengal Past and Present*, Vol.134, 2015, pp.59-64.

Papers Presentation

- UGC Sponsored National Seminar held on 19th & 20th August, 2016 organised by Goenka College of Commerce & Business Administration in collaboration with Shibpur Dinabandhu Institution on *Cinema Aur Sahitya Ka Antarsambandh*. Presented paper entitled *Ghare Baire : Sahitye O Chalochittre*
- Paschim Banga Anchalik Itihas O Lokosanskriti Charcha Kendra in collaboration with the History Department of Surendranath College & Institute of landscape Ecology & Ekistics on 2nd & 3rd April, 2016. Presented paper entitled *Sundarbaner Samaj O Sanskriti*.

Educational Tour

The Department organised an Educational Tour to Mogolmari, near Dantan, Paschim Medinipur, on 11th February, 2016 where an archaeological site has been discovered in the recent past. Excavation is still going on. About 65 students & members of the teaching staff took part. They have witnessed the excavation process in detail. The resident archaeologists made them understand everything. After lunch an interactive programme was organised by the History Department of Bhatler College, Dantan for the students of both the institutions.

Student's Success

Our ex-student Sk. Asraf Ali secured 487 marks in the last Calcutta University B. A. Part- III Honours Examination & stood Fourth in the said examination.



Educational Tour to Mogolmari, near Dantan, Paschim Medinipur

Department of English

Student:

Number of students appeared in
the 3rd year final examination : 42
Number of First Class :
Number of Second Class : 38
Success Rate with Hons. : 100%
Student achievements : Excellent
Departmental Library : Yes
Departmental Seminar : Yes
Departmental Publication :
Parent-teacher meeting : Yes

Faculty:

Purnima Chakrabarti, M.A., M. Phil., Ph.D. Assistant
Professor (HOD)
Avishek Biswas, M.A., M. Phil., Assistant Professor
Bratati Barik, M.A., M. Phil., Assistant Professor
Kusumita Datta, Guest Lecturer
Ankita Mookherji, Guest Lecturer

Substantive: 03; Guest teacher: 02

Publication by the faculty members:

Purnima Chkraborti

- *Alexander McCall Smith's Mma Ramotswe Stories and Ecofeminism (2015)*, Interdisciplinary journal of science and humanities, Vol II, January, 2015, p.209-220, Dr Bhupendranath Dutta Mahavidyalaya, Hatgobindapur, Burdwan, West Bengal. ISSN 2348-3822.
- *Crossing from Romance to Crime: PD James's Death Comes to Pemberley (2015)*, Netaji Nagar Journal of English Literature and Language, Vol. 3; January, 2015, p106-112, Department of English, Netaji Nagar College, Kolkata. ISSN 2320 -4109

Avishek Biswas

- Remapping the Contour : Women in the Partition Trilogy of Ritwik Kumar Ghatak, Social Sciences International Journal, Vol- II, Issue 2. ISSN-2395 0544.
- Paper presented in International Conference on Women Studies & Social Seicences at Acrmel College for Women, Goa during the period from 3rd March to 5th March, 2016.

Bratati Barik

- Published a paper in FOCUS, an International peer review journal with ISSN: 2278-1501.

Ankita Mookherjee

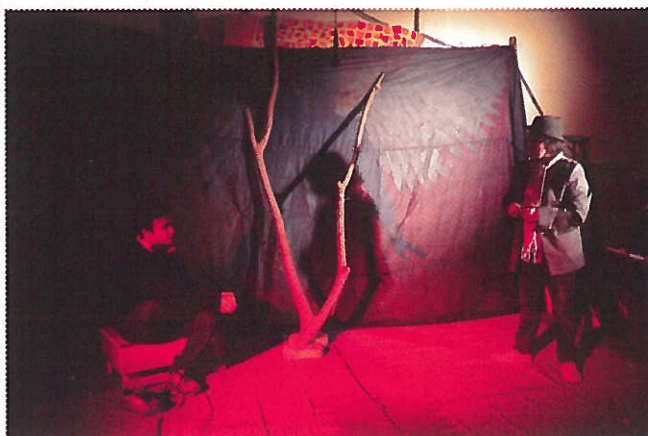
- She has one publication in 2015 in the journal *Luminaire* (ISSN: 2249 2542) entitled *Zenana and the Paradox of Queer Space in Ismat Chughtai's 'The Quilt'*.
- She had also presented a paper in the international conference ENGCONF 2015 in Bangalore and the title of the paper was *War, Women & the Narrative of Resistance: A Perspective on Tahmima Anam's 'A Golden Age'*.

Kusumita Datta

- "Witness poetry and Seamus Heaney", *Middle Flight – SSM Journal of English Literature and Culture* 4, no. 1 (ISSN 2319-7684)(July 2015)
- "Spatiality of Failed Migrations in James Joyce's 'Eveline' and Brian Friel's *Philadelphia*", *Netaji Nagar Journal of English Literature and Language* 4. (ISSN 2320-4109) (Jan 2016)

Activities:

A Drama cum Seminar Programme was held on 17th December . The Third Year honours students enacted *Waiting for Godot*. Our invited Guest Speaker on Theatre was Dr Pinaki De.



**Drama cum Seminar organized by the
Department of English**



Department of Political Science

Student:

Number of students appeared in the 3 rd year final examination	: 36
Number of First Class	: 04
Number of Second Class	: 20
Success Rate with Hons.	: 100%
Student achievements	: Excellent
Departmental Library	: Yes
Departmental Seminar	: Yes
Parent-teacher meeting	: Yes
Excursion/ Educational Tour	: Yes

Faculty:

Chitrita Chaudhuri, M.A, Ph.D. Associate Professor
Sumita Chattopadhyay, M.A., Associate Professor (HOD)
Satrajit Banerjee, M.A., M. Phil., Assistant Professor (on Lien)
Sanchita Das, MA., M. Phil., PTT (Govt. Approved)
Sayantani Mallick, M.A., M. Phil., PTT (Govt. Approved)
Substantive: 03; CWTT: 0; PTT: 02; Vacant post: 01

Faculty achievements

- **Dr. Chitrita Chaudhuri**, Dept. Of Political Science, published a book (Book Chapter) on Indian Political Thought & its Contemporary Relevance.
- **Sumita Chattopadhyay** has successfully submitted her Minor Research Project.

Department of Journalism & Mass Communication

Student:

Number of students appeared in the 3rd year final examination: 30
 Number of First Class : 02
 Number of Second Class : 25
 Success Rate with Hons. : 100%
 Student achievements : Very good
 Departmental Library : Yes
 Departmental Seminar : Yes
 Departmental Publication : Yes ("WORDS")
 Parent-teacher meeting : Yes
 Excursion/ Educational Tour : Yes Projects: Yes



Faculty:

Sonarekha Chattopadhyay, In-charge of the Department
 Gargi Chakraborty Contractual Lecturer
 Avirup Mukherjee Contractual Lecturer
 Sohini Datta Guest Lecturer
 Anushree Mukherjee Guest Lecturer
 Sunandit Choudhury Technical Staff
 Pinaki Chakraborty Technical Staff

INFRASTRUCTURE & FACILITIES:

This year Department has an extension, Sound proof audio video editing lab. Apart from this, the department also possesses three labs, seminar library and independent Internet connection along with LAN settings.

PUBLICATION:

Department also brings an annual lab Journal entitled **WORDS**, to introduce the in-house process practically to the students. The achievements of the Department of Journalism & Mass Communication are as follows:

ACADEMIC ACHIEVEMENTS:

Pass out batch (100 % Success Rate) of this academic session (2015 – 2016) has successfully entered in the Masters and PG Diploma courses in University of Calcutta, Rabindra Bharati University, Film Studies, Jadavpur University, and NSHM. The students from the Pass stream are pursuing PG courses under various Universities.

- **Pratyusha Chatterjee** got admitted in the University of Wollongong (an Australian University) in Dubai in Masters in Media and Communication.
- **Sohini Roy, Jaba Sen, Sulakshana Bhattacharya, Tania Malik, Asmita Kundu, Sonali Das, Swagata Kundu and Suita Mondal** got admitted in the University of Calcutta, in Masters in Journalism and Mass Communication.
- **Kunal Mallik** got admitted in Rabindra Bharati University in Masters in Videography and Mass Communication.

PERFORMANCE OF THE PRESENT STUDENTS IN THIS DEPARTMENT FOR THE YEAR 2016 :

- The present students have also participated in **International & National Seminar**, organized by different Colleges of University of Calcutta.
- **Rajarshee Das and Amlan Putatunda**, students of 2nd year, are regular contributors in 'Photoscope' segment of **Ei-Samay** and 'T2 Clicks' of **The Telegraph T2**. The students from this batch are also participating in **Indian Film Project**, to be judged by ace filmmakers Dibakar Bannerjee and Anurag Kashyap.
- The pass outs from our department are working at present in various Media houses like **Ebela (ABP Group)**, in advertising agencies like **Mega Mind** and as faculties in different schools & colleges.



Department of Geography



Student:

Number of students appeared in the 3 rd year final examination	: 57
Number of First Class	: 30
Number of Second Class	: 23
Success Rate with Hons.	: 98.15%
Student achievements	: Very Good
Departmental Library	: Yes
Departmental Seminar	: Yes
Departmental Publication	:
Parent-teacher meeting	: Yes
Excursion/ Educational Tour	: Yes

Faculty:

Uttam Mukhopadhyay, M.Sc., Ph.D., Associate Professor (HOD)
 Anindita Ghosh, M.Sc., Associate Professor
 Jhuma Halder, M.Sc., Assistant Professor
 Piyali Ghosh, M.Sc., Ph.D, Assistant Professor
 Biswajit Roy Chowdhury, M.Sc. CWTT (Govt. Approved)
 Moumita Kanjilal, M.A. CWTT (Govt. Approved)
 Sumana Roy, M.Sc., CWTT (Govt. Approved)
 Parama Banerji, Assistant professor (in FDP vacancy)
 Manmatha Kumar Jana, B.A. Grad. Lab. Instructor
 Substantive: 05; CWTT: 03; FDP : 01

Number of vacant post(s) : 03; Research Grant:

The undergraduate section of the Department of Geography is an old department which started its journey in the 1940's with the introduction of geography as a subject in the post Graduate curriculum in the University of Calcutta. The post Graduate section developed at a much later date in 2009.

FACULTY MEMBERS

At present, the Department has four permanent teaching staff and three Government-appointed Contractual whole-timers. Of the faculty members, Smt Jhuma Halder is presently on leave under FDP scheme and is perusing her PHD thesis work with the 'Institute For Social and Economic Change' under University of Mysore under the guidance of Prof. C.M. Lakshmana. In her place, Smt Parama Banerjee is presently working.

Achievements of the faculty members

Dr. Uttam Mukhopadhyay

- He is working as Principal Investigator in a minor Research Project sponsored by the Higher Education Department, Government of West Bengal. The total cost of the project is Rs 4 lakh. It has started from April, 2015. In this two year project, the Annual Report has been submitted on July, 2016.

Smt Anindita Ghosh

- Article in Edited Volume Man-nature Interface, Edited by Prof. Malay Mukhopadhyay, Prof. Uma Sankar Malik and Prof. Sutapa Mukhopadhyay, Department of Geography, Visva Bharati, titled, Availability of potable water in Kolkata-Case study on Ward nos 11, 112 and 114. Pg-368-382. ISBN no. 978-93-82433-68-2
- An article in Quarterly Essay magazine 'Bahubhash' (Application for ISSN no has been made) titled 'The Tribal society of India- on the path of evolution or extinction?'

Smt Parama Banerjee

She has submitted her PHD on 18th September, 2015.

Chapters in Edited Volume

- Chapters in Edited Volume 'David Harvey-From synthesizing Geography to Marxism in Geography in Major Social Thinkers' (edited by Besu P.), Published in April, 2015. (ISBN No. 978-93-80677)
- Article entitled 'The Reality of participatory planning- Evidences from urban and rural West Bengal, Eastern India' -IOSR journal of Humanities and Social Science, Vol-21, Issue-5, 7th May, 2016.

Research papers and publications

- Article in International Journal of Science and Research, Vol-4 Issue-3, ISSN No-2319 7064 Paper titled 'Coastal Erosion and its impact on Sagar Islands 24 parganas south, west Bengal, page-1192-1196
- Article in "The Observer" ISSN No-2230-9535, Vol-52, titled 'Spatial pattern of development, a micro level analysis of Maldah District, West Bengal' Pg-1-8
- Article in 'Major Environmental Issues- Vulnerability and Impacts, ISSN No 978-93-8461-30-3 Pg34-45
- 'The Observer' Vol-53, ISSN No- 2230-9535, titled 'A systematic approach to analyse the water logging problem in Kolkata
- "Socio- Economic Impact of Cottage and small scale industries- ISSN No 978-93-83010-26-4, Problems and prospects of solid waste management- a case study of Salt Lake, Kolkata Pg no 174-179
- Socio-economic impact of Cottage and Small scale industries ISSN No 978-93-83010-26-4 titled 'Spatial Analysis of air pollution in respect of growth of transport network in Kolkata Pg-179-184.

Dr. Sumana Roy

Published papers

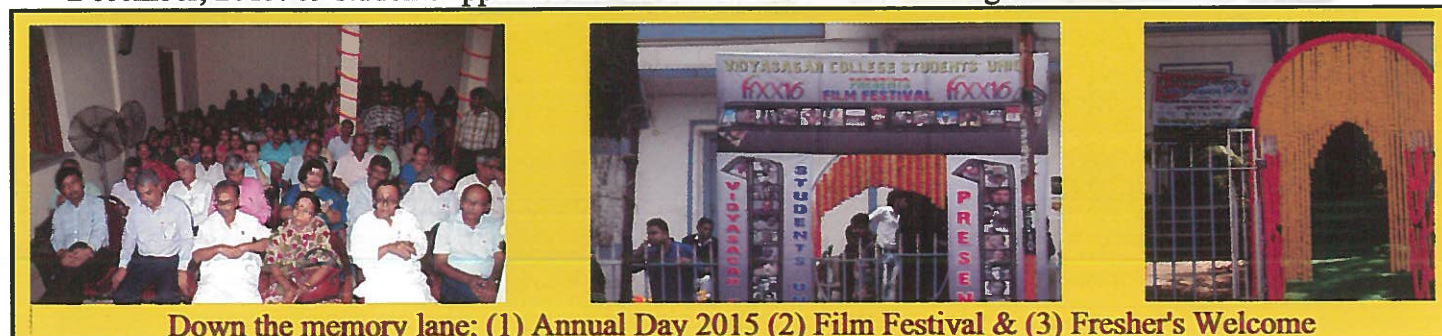
- Impact of Changing Seasonal Rhythm on Food Market Economy and Agro-Based Industries in West Bengal: A Case Study of Kolkata, August, 2015, International Journal of Multidisciplinary Educational Research, Volume: 4 Issue: 8(5), 2015, ISSN No. 2277-7881, Impact Factor: 2.972
- Sluggish Industrial Growth and Occupational Shift in Haora District, West Bengal, 2015, International Journal of Multidisciplinary Research and Development, Volume:2 Issue: 9 September, 2015, Print ISSN No.: 2349-5979 & Online ISSN No.: 2349-4182, Impact Factor: 4.342
- Decentralization of industries and Regional Development in Haora District of West Bengal, 2016, International Journal of Multidisciplinary Research and Modern Education, Volume:2 Issue: 1 January, 2016, ISSN No.: 2454-6119, Impact Factor: 3.015 Total Quality Factor: 5.752

UG Excursions

This year UG Excursions were held in Rinchenpong in South Sikkim. This excursion took place in two batches- the first was taken by Smt Anindita Ghosh, Dr Piyali Ghosh and Sri Biswajit Roychowdhury. The duration was from 23rd November to 2nd December, 2015. The second team went on 2nd December, 2015 and returned on 11th December, 2015. The teachers participating in the excursion were Dr Sumana Roy, Smt Moumita Kanjilal and Sri Monmotho Jana.

Students' success

This year Part –III examination in Geography under the University of Calcutta has been given by 51 students. Out of them, 31 students got 1st class marks (above 60). The highest marks is secured by Subhadeep who got 258 out of 800 and ranked 3rd in the University. As many as 15 students got marks above 500. The results of Part-I Examination in geography under the University of Calcutta has been declared on December, 2015. 69 students appeared for the Examination of whom 6 got 1st class marks.



Down the memory lane: (1) Annual Day 2015 (2) Film Festival & (3) Fresher's Welcome

Department of Economics

Student:

Number of students appeared in the 3rd year final examination: 35
Number of First Class : 04
Number of Second Class : 25
Success Rate with Hons. : 100%
Student achievements : Excellent
Departmental Library : Yes
Departmental Seminar : Yes
Parent-teacher meeting : Yes
Excursion/ Educational Tour: Yes

Faculty:

Soumen Sarkar, MA, M. Phil., Associate Professor (HOD)
Runa Ray, M.Sc. M. Phil., Ph.D. Assistant Professor
Snehasis Mondal, M.A., M. Phil., Assistant Professor,
Manishankar Sarbabidya, M.Sc., Ph.D., PTT (Govt. Approved)
Jaba Pal Chatterjee, M.Sc., PTT (Govt. Approved)
Arpita Cbakraborty, M.Sc., PTT (Govt. Approved)

Substantive: 03; CWTT:0; PTT: 03; Vacant post: 01

Soumen Sarkar

- Prof Sarkar had been invited to deliver a talk by Prasar Bharati (All India Radio) as a part of their regular programme named " ARTHANITIR DUNIA" on " Bank-er suder har o Arthonitir upor tar pravab" Date of broadcast : 01.12.15
- Same programme .. Talk on " Rail Budget" Date of broadcast : 01.03.16
- Same programme talk on " Suder har paribartan ebong sanchay karider samasya" Broadcast date : 03.05.16

Faculty publications:

Dr. Runa Ray

- Chapter 5 entitled "Import Restrictions, Capital Accumulation and Use of Child Labour: A General Equilibrium Analysis" in Springer edited "Analytical Issues in Trade, Development and Finance".
- Chapter entitled "Impact of Trade Restriction on Child Labour Supply and the Role of Parents' Utility Function: A Two Sector General Equilibrium Analysis" in Springer edited "International Trade and International Finance".
- Paper entitled "Women Empowerment in India" in "Assam Economic Journal" (ISSN 0976-7530).

Paper presentations by Dr. Ray:

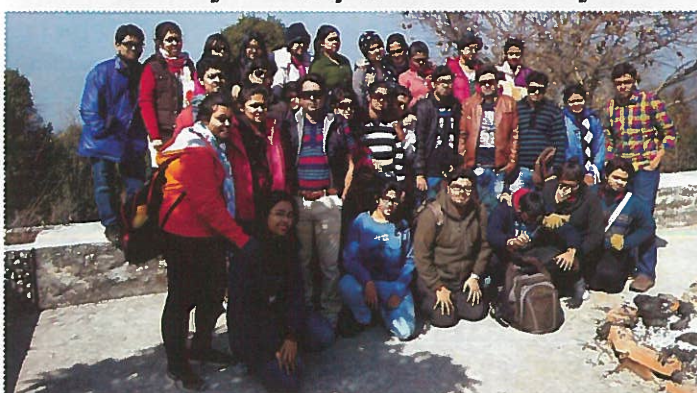
Presented a paper entitled "Education Subsidy, Adult Unemployment and The incidence of Child Labour in an Open Economy: A Three Sector General Equilibrium Analysis" in a National Seminar on "Public Policies for Inclusive Development".

Dept of Economics has taken the initiative to organise a general meeting of the alumni on 23.07.16 to form an Ad hoc Committee which will take care of all the matters related to the proposed Annual Meet on 13.11.16. It was resolved that in the first half of the meet present and passed out students will organise a seminar.

An educational excursion was conducted by the Dept of Economics involving 28 students (19 girls and 09 boys) and three teachers in the Rinchengpong and Ravangla areas of Sikkim from 12 th Jan'15 to 18th Jan'15. We had visited a factory in Damthang and collected socioeconomic data through random sampling from these major tourist destinations. Along with these we had also undertaken brief trekking and nature walk to inspire the students to become aware of the importance of preserving nature.



Factory visit:Alpine cheese factory



Stay at Ravangla: Starting for a trek and survey



Short trekking experience in Pelling



Assembly in the general meeting of the alumni

Department of Physics

Student:

Number of students appeared in the 3rd year final examination: 37
 Number of First Class : 19
 Number of Second Class : 09
 Success Rate with Hons. : 91.43%
 Student achievements : Very Good
 Departmental Library : Yes
 Departmental Seminar : Yes
 Departmental Publication : Yes
 Parent-teacher meeting : Yes

Faculty:

Krishna Mitra, M.Sc., Ph.D., Associate Professor
 Uma Bhowmik, M.Sc., Ph.D., Associate Professor (HOD)
 Saugata Bhattacharya, M.Sc., Ph.D., Assistant Professor
 Aniket Basu, MSc., Ph.D., Assistant Professor
 Mr. Gautam Anchalia (Guest Lecturer)
 Mr. Atri Goswami (Guest Lecturer)
 Mr. Dipan Sinha (Guest Lecturer)
 Mr. Sourav Roy Chowdhury (Guest Lecturer)
 Substantive: 04; Guest: 03; Vacant post(s): 03

Placements:

1 in IIT Madras (for M.Sc)
 1 in IIT Guwahati (for M Sc)
 1 in IITKGP
 1 in IISER Pune (for intergrated Ph.D)
 2 in Burdwan University (for M.Sc)
 1 in Gitam University (for M.Sc)
 1 in Jadavpur University Instrumentation (for M.Sc)
 3 in Calcutta University (for M.Sc)
 2 in Hyderabad Central University (for M.Sc)
 1 in Amity University (for M.Sc) (2015 pass out)
 1 in Bangalore for Interior decoration and Fashion designing

2 enrolled for BEd

(among 2016 pass out students)

Accolades (Present students):

6 people cleared JAM
 3 people cleared JEST (with nation rankings: 22, 32, 135)
 1 person cracked TIFR
 3 people cleared HCU admission test
 2 people cleared Delhi University admission Test
 2 people cleared Burdwan University admission test
 2 people cleared Kalyani University admission test
 1 person cleared Vidyasagar University admission test

Accolades (Old students): [Information obtained from the Alumni Meet]

- **Sourav Chatterjee** got into the extremely prestigious Max Plank Institute, Erlangen, Germany for a Ph.D. after completing his MS from IIT Hyderabad, in July 2015.

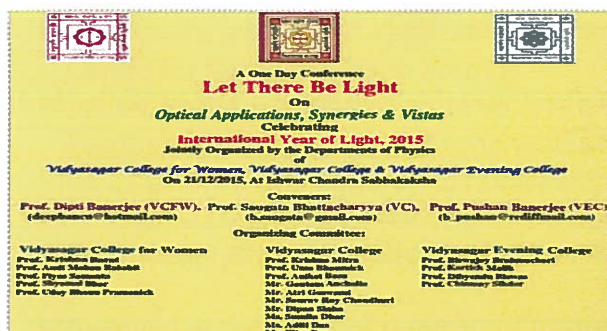
- **Debopriyo Chaudhuri** got his Ph.D from Kaiserslautern Germany in January 2016
- **Nairita Ghoshal** got an internship in FACEBOOK.
- **Subhadip Sadhukhan** (2014 batch) is doing extremely well in IIT Kanpur. He is doing his Ph.D. with Prof. Sagar Chakraborty. He has already published a paper and communicated one more! He has been handpicked from India to attend a special school in “Mathematical techniques and nonlinear dynamics” in MOSCOW.
- **Shoumik Mukherjee**, after completing his Ph.D from IITKGP has become a faculty in Sarojini Naidu College.
- **Ayan Patra**, after completing his Ph.D from Oaklahoma State University, USA, is doing a postdoc in Taiwan.
- **Ramchandra Sahoo**, Suchetana Sadhukhan are doing their PhDs from IITKGP.
- **Mamata Dolui** has become a faculty in the Computer Science Dept. of NIT Durgapur.
- **Bikas Ch. Saha** is a faculty of IISER Thiruvananthapuram.
- **Manbendra Kuiri** is pursuing Ph.D from IISc Bangalore.
- **Soumitra Nandi** is a faculty of IIT Guwahati.

The list goes on...

Events:

A local level one day seminar **"Let there be Light"** was held jointly on 21.12.2015 by the three Colleges, Vidyasagar College, Vidyasagar Evening College, and Vidyasagar College for Women to mark The international year of Light, 2015, as proclaimed by UNESCO. *This was actually a historic moment in the annals of our College. Never before, the three Colleges came together to hold an event jointly. It was a milestone of sorts to show what we could achieve if we acted together.*

Though it was a local level seminar organized hastily we had Prof. P.N. Ghosh (Ex. VC of J.U. and an Emeritus Professor of C.U.), a Bhatnagar Scientist - Prof. Debshankar Ray (IACS), Prof. Guruprasad Kar (PAMU, ISI Kolkata), Prof. Laxmi Narayan Hazra (Dept of Applied Physics C.U.), Prof. Mallar Ray (IEST) and Mr. Sourav Chatterjee (Max Planck Institute, Erlangen, Germany) among our list of speakers. Our Physics departments showed that if there is a will there is a way.



An **Alumni Meet**, **"Entanglement2K16"** was also held on January 2nd, 2016. A website for the purpose was created where old as well as new students could register online by filling up a Google form and the effort to create a digital database of available students is still on. The programme, was a grand success with students abroad speaking to the current ones via skype session – a pioneering effort, that set an example for the other departments to emulate. We hope to do it in every three years by roping in more people. This event created an unforeseen wave of zeal and enthusiasm among the students. The bonding between the alumni and the current students was something to watch. They communicated through social media with each other much to the benefit of the outgoing students. Students are now thinking about going abroad and in general the perception and perspective have changed for the better. The attitude has become quite buoyant and serious as the current students have seen what our alumni have achieved and started to believe that they also can.



Academic Activities of the faculties (Personal Profile):

Sourav Roy Chowdhury (Guest Faculty):

Publication:

- Published a paper entitled “*Spherically symmetric Charged Compact Stars*” in European Physical Journal C.75(8):389 2015
- uploaded a paper in ArXiv entitled: *A New Model for Strange Star*; arXiv : 1509.00401v1
- Uploaded another paper in Arxiv: *A model for anisotropic strange stars* arXiv : 1606.0073

Paper Presentation:

- Presented a paper in the seminar “*Recent Trends in Cosmology and Future Challenges*” organized by Dept of Physics, Contai College.

Dipan Sinha (Guest Faculty):

Publication:

- Title: *Generation of orbital angular momentum through twisted variable retarders* – Dipan Sinha and Dipti Banerjee, Applied Optics, 2015, 92, (26), P 6549 (2015)

Paper Presentation:

- Presented a paper in the National Workshop On “RECENT ADVANCES IN PHOTONICS AND OPTICS”, RAPO-2015. Organized by Dept. of Physics in association with Electronics & communication Engineering, Govt. Engineering college, Ajmer.

Ph.D Registration:

- Registration for Ph.D done from University Of Calcutta on 2nd March 2016. Registration no. 1616/PhD(Sc) Proceed/2016.

Aniket Basu (Assistant Professor)

- Submitted a paper entitled “*Tachyon Perturbation on Two Dimensional Black Hole*” in General Relativity and Gravitation with Parthasarathi Majumdar.

Saugata Bhattacharyya (Assistant Professor)

Publication:

- Energy Fluctuation and Discontinuity in Specific Heat – S. Biswas, J. Mitra, S. Bhattacharyya, Journal of Statistical Mechanics: Theory and Experiment, 2015, P03013, (2015)
- Casimir Effect for a Bose Einstein Condensate Inside a Cylindrical Tube – S Biswas, S. Bhattacharyya, A. Agarwal, Journal of Molecular Physics B: Atomic Molecular and Optical Physics, 49, 015301,(2016)

Teaching:

- Taught Differential Equations in PROTUTOR Classes (in 2016) for the first year Physics Honours students, in BENGALI, for a mass educational programme (PPP format), an effort in which Vidyasagar College is also engaged. This is a non-profit oriented, almost philanthropic, effort to reach that part of the society that cannot afford top class education.
- Teaching Irreversible Thermodynamics and Non-equilibrium Statistical Mechanics along with some Special topics to 2nd year (3rd semester) Master degree students in Narendrapur Ramakrishna Mission Residential College in 2016.

Research Guidance:

- Jointly with Prof. Pritha Banerjee, CU, Computer Science dept., guided the Master's Thesis, of Arunva Saha on “Rumour Spreading Dynamics in Homogeneous and Non-homogeneous Networks with Non-Reliable Stifflers” – 2016
- Engaged in the study of removal of hysteresis upon application of a stochastic forcing with a white noise distribution in situations that are otherwise known to have hysteresis (eg; forced Duffing oscillator) with Mr. Atri Goswami, guest faculty of our department.

- Exploring a connection between Casimir force and hidden momenta with Mr. Rhitabrata Bhattacharyya, an alumnus, presently a central Govt. employee (central excise).
- Working on “Effective Hamiltonians in Classical and Quantum Systems” with periodically driven perturbations – with Soumyabrata Paul, Rohit Chawla and Madira Das, M.Sc pass out students of CU, 2016.
- Working on pattern forming instabilities using Swift-Hohenberg type equations and Reaction-Diffusion Systems (both numerical and analytical approaches) alongwith surface growth problems on fractal lattice (relevant for some bacterial colony growth) using Kardar – Parisi – Zhang equation, with Joydeep Majhi, final year M.Sc student, C.U.

Presentations/Resource Person etc:

- Acted as a Chair Person in a one day National Level UGC sponsored seminar organized by Vidyasagar Evening College on “The current thrust areas of experimental research in Physical Science”, on 28th April 2015.
- Delivered a lecture on “Applications of Iterations and Perturbation” on 29.08.2016 at the Kalpana Chawla Centre for Space and Nano Science.
- Invited as a Resource Person to deliver a lecture on “Areas of innovation in Teaching Methodology” in a Faculty Development Programme with a view to prepare for challenges in a higher education institution on 23.09.2016 organized by the Bhawanipur Education Society College.

Atri Goswami (Guest Faculty)

- Engaged in the study of removal of hysteresis upon application of a stochastic forcing with a white noise distribution in situations that are otherwise known to have hysteresis (eg; forced Duffing oscillator) with Dr. Saugata Bhattacharyya.

Innovative Practices in the Department (Departmental Profile):

● Departmental Seminars:

The Department tries relentlessly to promote science and scientific culture among its students. It also tries to make the students self-reliant. In 2015, the department organized a lot departmental seminars where teachers and students from different colleges participated. Interestingly, the students were encouraged to deliver lectures on specific topics along with the faculties. *We did not look for experts from outside to cultivate science, we tried to build a school of budding physicists that would form a self sustaining system. Accordingly, our past and the-then present students did a great job.* A dedicated group was formed, a Google group was formed and each lecture *was properly notified at least one week in advance – a culture that is non-existent even in the best universities of our country.* By organizing this event we had provided the students confidence and a launching pad for the future.

● Novel Approach for Electronics Practical:

Third year students are always hard pressed for time. They have hardly six months for the preparation of the final examination. During this time every instant counts. We have tried to save their time by the following practice. We prepared a toolbox that contained almost all the necessary ingredients for their electronics experiments (bread-board, multimeter, transistors, diodes, resistances, capacitances, IC's, OPAMPs, LED's etc.) and we delivered each group a box like this so that the practical partners could get together, even when they are not in the college, to fabricate and understand the architecture of the circuit so that when they come to execute the experiment they are fully prepared. The result and the response were overwhelmingly positive. The students became more confident and performed extremely well during the examination. *And the beauty of the whole thing is that the college got back all the equipments at the end of the process because we made sure that they returned their boxes! I don't of any other college in India that follows this approach – a trust based system, where both the students and the teachers benefit!*

Department of Chemistry

Student:

Number of students appeared in
the 3rd year final examination : 33
Number of First Class : 23
Number of Second Class : 78
Success Rate with Hons. : 96.97%
Student achievements : Very Good
Departmental Library : Yes
Departmental Seminar : Yes
Departmental Publication : Yes
Parent-teacher meeting : Yes

Faculty:

Sanjoy Kumar Bhattacharyya, M.Sc., Ph.D., Associate Professor
Arunabha Misra, M.Sc., M.Phil., Ph.D., Associate Professor
Jayati Mal, M.Sc., Ph.D., Associate Professor (HOD)
Nirmalendu Mukhuti, M.Sc., Ph.D., Associate Professor
Ranjit Kumar Shit, M.Sc., M.Phil., Ph.D., Associate Professor
Sharmila Bhattacharya, M.Sc., Ph.D., Associate Professor
Debarati Dey, M.Sc., Ph.D., Assistant Professor
Substantive: 07; Guest: 03

The Chemistry department in the 2015-16 academic sessions has done an outstanding performance with respect to the achievements of students, faculty members. At present the department has seven full time faculty members and three 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 Department

A departmental seminar was organized on 9th February, 2016 to commemorate the National Science Day. The outgoing third year students delivered lectures on different aspects of Chemistry.

Students' achievements

- RAJU SEN, AN EX 3RD YEAR STUDENT DELIVERING LECTURE AT DEPARTMENTAL SEMINAR
- In B.Sc. Part III Honours examination 28 students out of 33 secured first class. One of the Students, Arnab Das was admitted in integrated M.Sc. Post Graduate programme TIFR and another student RAJU SEN was admitted in Bhubaneswar IIT. Both of the students achieved high score in JAM. Subhradip Kundu was enrolled in post graduate programme in Rourkella NIIT. 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. Vishal Yadav was enrolled in Ph.D. programme in Bioinorganic Chemistry in John Hopkins University.

EXTRACURRICULAR ACTIVITIES OF STUDENTS

- The students of the department participated in a scientific programme held in Variable Energy Cyclotron Centre, Bidhan Nagar on 28th February, 2016 to commemorate National Science Day.
- The students of the chemistry department participated in a quiz competition at Rajabazar Science College on 12th December, 2015.
- The first year and second year students of the department also participated in Presidency University Chemiquiz 2015 on 26th December 2015.

An alumni meet of the Department was organized on 7th May 2016 and a Skype session with the ex-students of the chemistry department doing Ph.D. in USA and Singapore, was also held on 7th May, 2016.

ACHIEVEMENTS OF THE FACULTY MEMBERS

- **Dr. Debarati Dey** published a paper in International peer reviewed journal, Journal Of Luminescence 173(2016), 105-112, ISSN:0022-2313
- **Dr. Debarati Dey** also attended a National Conference on Recent Trends in Functional Materials in relation to Nanomaterials and Nanotechnology organized by Dept. Of Chemistry St. Pauls Cathedral College On 4th- 5th February.



Chemistry Department Ex-students with the former and present faculty members at the Alumni



Skype session with the ex-students of the chemistry department doing Ph.D. at USA and



Students, Ex-Teachers , Teachers And Laboratory



Students of Chemistry Department



Reunion of the Department



Department of Mathematics

Student:

Number of students appeared in
the 3rd year final examination : 49
Number of First Class : 7
Number of Second Class : 22
Success Rate with Hons. : 77.55%
Student achievements : Very Good
Departmental Library : Yes
Departmental Seminar :
Parent-teacher meeting : Yes

Faculty:

Sanjib Kumar Jana, M.Sc., M. Phil., Ph.D, Assistant
Professor (HOD)
Sk. Anarul Islam, M.Sc., Assistant Professor
Shibaji Halder, M.Sc., Assistant Professor
Nirmalya Maity, M.Sc., PTT (Govt. Approved)
Substantive: 03; PTT: 01 Research Grant:



Faculty members

Dr. Sanjib Kumar Jana, Dept. of Mathematics, published a paper titled “On Pseudo-Petrov Symmetric Riemannian Manifolds” in an international e-journal named Advances in Mathematical Physics by Hindawi Publishing Corporation on Feb, 2016. ISSN: 1687-9120(Print), ISSN (1687-9139)

Department of Hindi

Faculty:

Manisha Tripathi, M.A., M.Phil., Ph.D., PTT (Govt. Approved)

Department of Biochemistry

Student:

Number of students appeared in
the 3rd year final examination : 19
Number of First Class : 15
Number of Second Class : 03
Success Rate with Hons. : 100%
Student achievements : Excellent
Departmental Library : Yes
Parent-teacher meeting : Yes

Faculty:

Subarna Gupta, M.Sc., Ph.D., CWTT (Govt. Approved)
Purba Konar (Mal), M.Sc., Ph.D., CWTT (Govt. Approved)
Rozi Ghosh, M.Sc., Ph.D., CWTT (Govt. Approved)

Substantive: 0; CWTT: 03



Dr. Purba Konar, Dept. of Biochemistry was selected as **member of undergraduate course, Board of studies**, Dept. of Biochemistry.

Achievement of present and ex-students

In 2015, 16 students passed B.Sc. in Biochemistry (Hons.) from dept. of Biochemistry of Vidyasagar College. Among them 14 students got first class of which Sumit Sen got highest marks and stood third in the Calcutta University. He also stood first in the M.Sc. 1st semester under C.U. Biochemistry Dept. In B.Sc. Out of the 14 first class 3 got rank in first 10th position. 9 students got admitted in M.Sc. Biochemistry (4 in Calcutta University, 4 in Vidyasagar University and 1 Student at Kalyani University). 2 student from 2014 batch got admitted IISC Bangalore and IIT Bombay through GATE score for P.hD programme. One of the student of 2010 batch visited Philadelphia for presenting his research paper. Student also participated in the following programme:

- Scinthilla 2015 held at Dwarbhanga building, C.U., this is a science talent hunt programme on Sept, 2015.
- World Heat Day celebration at Thakurpukur Vivekananda College and presented paper there.

Department of Electronics

Student:

Number of students appeared in
the 3rd year final examination : 15
Number of First Class : 07
Number of Second Class : 05
Success Rate with Hons. : 100%
Student achievements : Excellent
Departmental Library : Yes
Departmental Publication :
Parent-teacher meeting : Yes

Faculty:

Abhinandan Dutta, M.Sc., CWTT (Govt. Approved)
Shreyasi Banerjee, M.Sc., CWTT (Govt. Approved)
Abhishek Roy, M.Sc., CWTT (Govt. Approved)
Amalesh Kanti Hait, Guest Teacher
Shrabani Guhathakurata, Guest Teacher

Substantive: 0; CWTT: 04

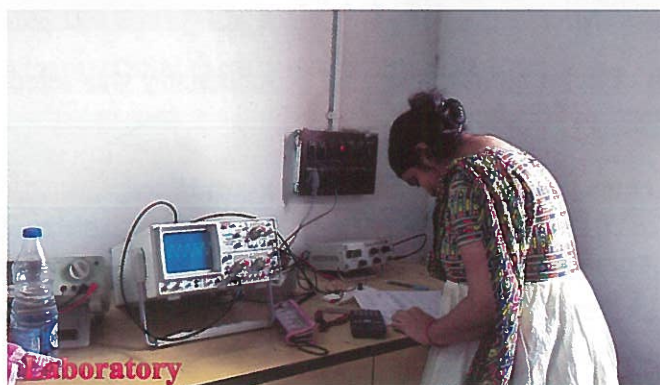
Success of the students

Three students of this Department have got excellent marks and able to stand 1st, 4th & 5th rank in the B.Sc. Final Examination, 2015-16. They are as follows:

Rupam Pal: 1st

Chayantika Bhattacharya: 4th

Subhankar Banerjee: 5th



Achievements of the Faculty

- **Ms. Sreyasi Banerjee**, Dept. Of Electronics had presented paper in the National Symposium on Plasma Science & Technology, organised by the Saha Institute of Nuclear Physics on 1-4 December, 2015.
- **Shreyasi Banerjee**, has submitted her Ph.D. Thesis at Jadavpur University, Kolkata, W.B.
- **Mr. Abhinandan Dutta**, Dept. Of Electronics had participated in the BRNS sponsored national level seminar on "Promotion of Fusion Science & Technology" on 25th & 26th June, 2015.

Department of Botany

Student:

Number of students appeared in the 3rd year final examination: 15

Number of First Class : 07

Number of Second Class : 08

Success Rate with Hons. : 100%

Student achievements : Very Good

Departmental Library : Yes

Parent-teacher meeting : Yes

Excursion/ Educational Tour : Yes

Faculty:

Sukanya Bhattacharya, M.Sc., Ph.D., Associate Professor (HOD)

Debisri Datta, M.Sc., Ph.D., Associate Professor

Swati Moitra (Sen), M.Sc., Ph.D., Assistant Professor

Susmita Das, M.Sc., Assistant Professor (on Lien)

Paushali Roy, M.Sc., PTT (Govt. Approved)

Mandrita Mukherjee, M.Sc., PTT (Govt. Approved)

Jayanta Kumar Sen, M.Sc., M.Phil., Grad. Lab. Instructor

Substantive: 04; CWTT & PTT: 07; GLI : 01; Vacant post(s): 02



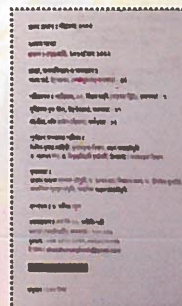
Excursion

Department had organized lots of local and long educational tour in the last academic session. Students have visited Botanical Garden, Dumdum Park, Shilong & other places to collect specimen and to know the flora and fauna.



Achievements of the faculty

Sri Jayanta Kumar Sen, has edited a book in his credit. Contents and cover page of it has been shown here.



Department of Zoology

Student:

Number of students appeared in the 3rd year final examination: 51
 Number of First Class : 29
 Number of Second Class : 20
 Success Rate with Hons. : 100%
 Student achievements : Excellent
 Departmental Library : Yes
 Departmental Seminar : Yes
 Parent-teacher meeting : Yes
 Excursion/ Educational Tour: Yes

Faculty:

Nirmal Debnath, M.Sc., Ph.D, Associate Professor
 Indrani Sarkar, M.Sc. Ph.D, Assistant Professor (HOD)
 Ankur Bhowal, M.Sc., Assistant Professor
 Prantik Ghosh, M.Sc., CWTT (Govt. Approved)
 Minakshi Majumder, M.Sc. Ph.D, CACWTT
 Arijit De, M.Sc., CACWTT
 Sajal Dey, M.Sc. Ph.D, CACWTT
 Soumosish Paul, M.Sc, PTT (Govt. Approved)
 Papiya Datta, M.Sc, PTT (Govt. Approved)
 Sruti Mitra, M.Sc, M.Phil., PTT (Govt. Approved)
 Arnab Basu, M.Sc., PTT (Govt. Approved)
 Gargi Sarkar, M.Sc., Guest teacher
 Mandakranta Dasgupta, M.Sc., Guest teacher
 Debibrata Banerjee, M.Sc., Guest teacher
 Substantive: 03; CACWTT: 04; PTT: 04;
 Number of vacant post(s): 04

Ph.D. Awarded : Ankur Bhowal and Soumosish Paul. Arnab Basu has submitted his thesis.
 Research Grant : Indrani Sarkar- UGC MRP Grant letter no. PSW -082/14-15 (ERO) during XIIth plan, amount sanctioned Rs.3,50,000/-.

Publication of the faculty members

Dr. Nirmal Debnath:

- Insects And Mites Infesting Plants Used In Unani System Of Medicines With Assessing Bioefficiency Of Some Green Pesticides Towards Control Of A Pest Species *Ferrisia virgate* Homoptera: Pseudococcidae.
- Z. Ahmed, S.K. Gupta, N. Debnath. Global Journal for Research Analysis. ISSN 2277-8160, Vol 4:10, 2015
- Some New Reports Of Insect Associated Mites From West Bengal.
- S. Roy, S.K.Gupta, N. Debnath. Global Journal for Research Analysis. ISSN 2277-8160, Vol 5:6, 2016
- Addition To The Mite Fauna In Human Habitation From South Bengal.
- A.Das, S.K. Gupta, N.Debnath. International Journal of Scientific Research, Vol 51: 31. 2016

Dr. Soumosish Paul:

- Debojyoti Patra, Mriganka Biswas, Sujan Chatterjee, Dipanwita Sengupta, Avik Sarkar, Soumosish Paul, Papiya Datta, Kaustuv Dutta Chowdhury and Gobinda Chandra Sadhukhan. Instrumental role of calcium carbide generated acetylene in the induction of lung carcinoma. Seminar Proceedings in UGC – Sponsored National Seminar on Biophysics: Impact on Today's Society. Victoria Institution (College), September, 2016.
- Chatterjee S., Pal D., Malakar A., Chakraborti U., Sengupta D., Sarkar A., Paul S., Chowdhury K.D., Sadhukhan G.C., SAC mediated modulation of HepG2 cell survivability - An in vitro study. Ind. J. App. Res. (Accepted for publication).

PapiyaDatta:

- Debojyoti Patra, Mriganka Biswas, Sujan Chatterjee, Dipanwita Sengupta, Avik Sarkar, Soumosish Paul, Papiya Datta, Kaustuv Dutta Chowdhury and Gobinda Chandra Sadhukhan. Instrumental role of calcium



Poster presentation session

carbide generated acetylene in the induction of lung carcinoma. Seminar Proceedings in UGC – Sponsored National Seminar on Biophysics: Impact on Today's Society. Victoria Institution (College), September, 2016.

Sruti Mitra:

- Shilpa Sen, **Sruti Mitra**, Atreyee Chaudhuri and Sumit Homechaudhuri. Size – Class and Sex Dependent Variation of Burrow Architecture of Fiddler Crab, *Uca rosea* (Tweedie, 1937) in Sunderbans. Proceedings of the national Academy of Sciences, India, Section B: Biological Sciences. 2015.

Arnab Basu:

- Seasonal changes in ovarian maturation of an Asian cat fish, *Mystus vittatus* (Bloch, 1797) in captivity. **Basu, Arnab**, Roy Sheela, Sarkar Indrani, Dhara Kishore and Datta Siddhartha (2015). *Bioline*, 3 (3): 620-628. 2015
- Fecundity of two freshwater prawns *M. lamarreilamarrei* and *M. dayanum*. Sarkar Indrani, **Basu Arnab**, Roy Sheela and Datta Siddhartha (2015). *Journal of Inland Fisheries Society of India*. 47(1):69-73. 2015
- Chromosomal analysis of two fresh water prawns *Macrobrachium lamarreilamarrei* (H. Milne Edwards, 1837) and *Macrobrachium dayanum* (Henderson, 1893). Sarkar, Indrani, Roy, Sheela and **Basu, Arnab** (2016-Accepted, In press). *Journal of Inland Fisheries Society of India*. 48(1). 2016
- "Physico-chemical analysis of drinking water in different districts of southern West-Bengal, India". Ujjal Das, **Arnab Basu** and Sheela Roy (2016- Accepted, In press). *Science Research Reporter*. 6 (2), 2016.
- Zooplankton diversity in the upper reaches of river Ichamati, West Bengal (India) Proceedings in International conference on Aquatic resources & sustainable management
- Breeding behavior and structure of gonopodium of black molly. Proceedings in International conference on Aquatic resources & sustainable management
- Embryonic development of black molly. Proceedings in International conference on Aquatic resources & sustainable management
- Histological differentiation of testis of three male morphotypes of *Macrobrachium dayanum* (Henderson, 1893). Proceedings in International conference on Aquatic resources & sustainable management
- Community structure of macrobenthic invertebrates of river Ichamati, India. Proceedings in International conference on 3rd India Biodiversity Meet, Indian Statistical Institute
- Larval development of a commercially important benthic fauna, *M. lamarreilamarrei* (H. Milne Edwards, 1837). Proceedings in International conference on 3rd India Biodiversity Meet, Indian Statistical Institute

Excursions:

1. Students of 2nd year Hons. conducted excursion to Bandipur/Mudumalai National Park and Wildlife Sanctuary in January 2016
2. Students of 2nd year General conducted excursion to Bakkhali sea beach and adjacent area and Bakkhali Crocodile Project in December, 2015
3. Students of 1st year Zoology General conducted several local excursions in Indian Museum and Zoological garden, Kolkata according to their curriculum.

Recent Departmental Achievements (UG & PG):

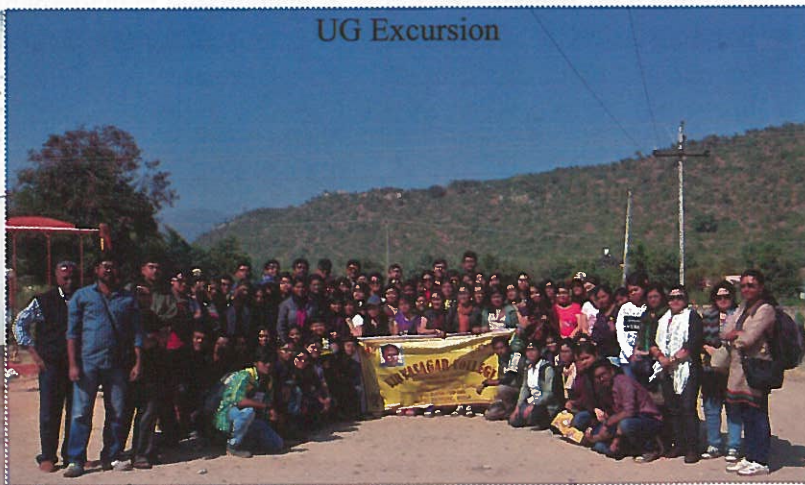
1. Prantik Ghosh, Alumni of Department of Zoology Presently appointed as CWTT in the Department of Zoology, Selected in the PROVISIONAL MERIT PANEL FOR GENERAL DEGREE COLLEGES, Ref : Advt No. 1/2015, for the post of Assistant Professor in Zoology (WBCSC, 2015)
2. Dr. Sajal Dey, Presently appointed as CAWTT in the Department of Zoology, Selected in the PROVISIONAL MERIT PANEL FOR GENERAL DEGREE COLLEGES, Ref : Advt No. 1/2015, for the post of Assistant Professor in Zoology (WBCSC, 2015)
3. Mandakranta Dasgupta and Gargi Sarkar , Alumni of Department of Zoology and Presently appointed as Guest Lecturer, Cleared TET examination 2015, successfully.
4. Debadrita Pal, ex student of Department of Zoology (PG) joined New Mexico State University, Las Cruces, New Mexico as a Ph.D student in the year 2016
5. Deblina Misra, ex student of Department of Zoology (PG) joined as SERB DST sponsored-Junior Research Fellow in the Department of Life Sciences, Presidency University
6. Ankita Malakar, ex student of Department of Zoology (PG) joined as JRF in the Department of Zoology, Vidyasagar College
7. Quazi Faisul Hasan, ex student of Department of Zoology (UG), University Rank: 10th , Presently M.Sc Student at Institute of Science, Banaras Hindu University (Stood 1st in Entrance)
8. Amrita Bhattacharjee, ex student of Department of Zoology (UG), cleared ICMR NET, 2016
9. Supratim Dutta, from the outgoing 4th Semester batch of PG Zoology Section has been selected and offered position of Project Fellow in the prestigious Wildlife Institute of India. He has been offered simultaneously in two projects.

Recent Award:

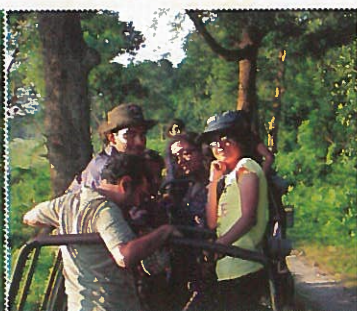
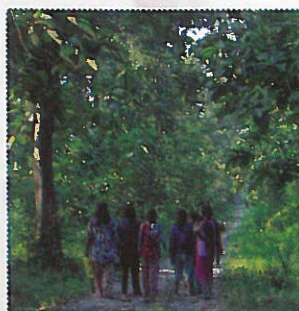
Best Poster Award (2nd position): Poulomi Sakar(Student, PG) in UGC sponsored National Conference on: Biophysics: Impact on Today's Society (7/9/16-8/9/16) organized by Department of Zoology and Department of Physics, Victoria Institution Kolkata, in collaboration with Bangabasi Morning College.



PG Excursion



UG Excursion



Department of Physiology

Student:

Number of students appeared in the 3 rd year final examination	: 12
Number of First Class	: 08
Ms. Poulumi Chatterjee	- Rank – 03;
MS. Randrita Pal	- Rank – 08
Number of Second Class	: 03
Success Rate with Hons.	: 100%
Student achievements	: Excellent
Departmental Library	: Yes
Departmental Seminar	: Yes
Departmental Publication	: Yes
Parent-teacher meeting	: Yes
Excursion/ Educational Tour	: Yes

Faculty:

Alok Ghosh Chaudhuri, M.Sc., Ph.D., Associate Professor
 Chandana Sarkar, MSc., Ph.D., Associate Professor
 Aindrila Chattopadhyay, M.Sc., Ph.D., Assistant Professor (HOD)
 Arindam Dalal, M.Sc., Ph.D., PTT (Govt. Approved)
 Amitava Khan, M.Sc., Ph.D., PTT (Govt. Approved)
 Sanatan Mishra, M.Sc., PTT (Govt. Approved)
 Substantive: 03; PTT : 03; Guest Lecturer: 05; I.
 Number of vacant post – 01
 Research projects - Yes

Faculty achievements:

Dr. Aindrila Chattopadhyay: Research Projects

(a) **Title:** “Studies on the protective effect of aqueous bark extract of *Terminalia arjuna* against copper-ascorbate induced oxidative stress in human placental mitochondria”, Sanctioning authority: Department of Science and Technology, Govt. Of India. Memo No. SR/WOS-A/LS-381/2012 dated 4.12.2012, Amount: Rs.18,40,000.

(b) **Collaborative research works of Dr. Aindrila Chattopadhyay** with Prof. Debasish Bandyopadhyay, HEAD, Dept. of Physiology, Oxidative Stress and Free Radical Biology Laboratory, University of Calcutta, University College of Science and Technology, 92, APC Road, Kolkata 700 009.

Project 1: Drug-induced gastric ulceration in experimental rats, mechanistic insight and amelioration by antioxidants.

Project 2: Association of oxidative stress and cardiac metabolism in experimental rat model and its management by antioxidants.

Dr. Aindrila Chattopadhyay: Research Publications

1. Mishra S, Ghosal N, Bhattacharjee B, Ghosh A, Ghosh AK, Bezbaruah R, Bandyopadhyay D and Chattopadhyay A. Oleic acid, one of the major components of ethylacetate partitioned fraction of aqueous extract of bark of *Terminalia arjuna*, protects against adrenaline-induced myocardial injury in male albino rats **Journal of Pharmacy Research**, 2016,10(8),543-565.[JPR Solution Publication; Impact Factor 2.667](In Press) [ISSN: 0974-6943].

2. Mishra S, Naaz S, Ghosh AK, Paul S, Ghosal N, Dutta M, Bandyopadhyay D and Chattopadhyay A. Orally administered aqueous bark extract of *Terminalia arjuna* protects against adrenaline-induced myocardial injury in rat heart through antioxidant mechanisms: an *in vivo* and an *in vitro* study. **Journal of Pharmacy Research**, 2016,10(6),454-478.[JPR Solution Publication; Impact Factor 2.667] [ISSN: 0974-6943].

3. Ghosh D, Paul S, Naaz S, Bhowmik D, Dutta M, Ghosh AK, Firdaus SB, Chattopadhyay A, Reiter RJ and Bandyopadhyay D. Melatonin protects against lead acetate induced oxidative stress-mediated changes in morphology and metabolic status in the rat red blood cells: a flow cytometric and biochemical analysis. **Journal of Pharmacy Research**, 2016,10(6),381-402.[JPR Solution Publication; Impact Factor 2.667] [ISSN: 0974-6943].
4. Ghosal N, Firdaus SB, Naaz S, Paul S, Ghosh AK, Chattopadhyay A, Mohan V, Thakurdesai P, Bhaskaran S, Pattari S and Bandyopadhyay D. Gastroprotective effect of Fenugreek 4-hydroxyisoleucine and trigonelline enriched fraction (TF4H (28%)) Sugaheal® against indomethacin induced ulcer in male wistar rats. **Journal of Pharmacy Research**, 2016,10(6),351-364.[JPR Solution Publication; Impact Factor 2.667] [ISSN: 0974-6943].
5. Ghosal N, Firdaus SB, Paul S, Naaz S, Chattopadhyay A, Shukla P, Jain G, Pattari S, Rangari VD and Bandyopadhyay D. Amelioration of gastrototoxic effect of indomethacin by piperine in male Wistar rats: a novel therapeutic approach. **Journal of Pharmacy Research** 2016,10(5),240-254.[JPR Solution Publication; Impact Factor 2.667] [ISSN: 0974-6943].
6. Bandyopadhyay D, Ghosh D, Chattopadhyay A and Mitra E. CURRY LEAVES AS ALTERNATIVE MEDICINE IN HEAVY METAL INDUCED OCCUPATIONAL HEALTH HAZARDS. **International Journal of Pharmacy and Pharmaceutical Sciences**. 2016, 8 (8), 8-20. [Innovare Academic Sciences; Impact Factor: 0.55] [ISSN- 0975-1491].
7. Paul S, Ghosh D, Ghosh A, Bhowmick D, Bandyopadhyay D, Chattopadhyay A. Aqueous bark extract of *Terminalia arjuna* protects against phenylhydrazine induced oxidative damage in goat red blood cell membrane bound and metabolic enzymes. **International Journal of Pharmacy and Pharmaceutical Sciences**. 2016, 8(5),62-70. [Innovare Academic Sciences; Impact Factor: 0.55] [ISSN- 0975-1491].
8. Ghosh D, Paul S, Chattopadhyay A and Bandyopadhyay D. Melatonin and aqueous curry leaf extract in combination protects against lead induced oxidative stress mediated injury to rat heart: a new approach. **Journal of Pharmacy Research**, 2015, 9(12),618-634. [JPR Solution Publication; Impact Factor 2.667] [ISSN: 0974-6943].

Dr Aindrila Chattopadhyay: Paper presented in conferences

1. Sudeshna Paul, Debasish Bandyopadhyay and Aindrila Chattopadhyay, "Aqueous bark extract of *Terminalia arjuna* protects against phenylhydrazine induced oxidative damage in goat red blood cell membrane bound enzymes and metabolic enzymes", 103rd Indian Science Congress, section XI: Medical sciences (including Physiology), held at Mysore University, Mysore (India), 3rd – 7th January 2016, P-2, Pg No. 134. Ph. D. Guidance:

Number of students registered under University of Calcutta for guidance of research leading to Ph. D. Degree of the University – 03

Number of students who have submitted their Ph. D. Thesis: 02

Dr. Amitava Khan (PTT): Research papers published

1. Sushobhan Biswas, Krishnendu Manna, Ujjal Das, Amitava Khan, Anirban Pradhan, Aaveri Sengupta, Surajit Bose, Saurabh Ghosh and Sanjit Dey. Smokeless tobacco consumption impedes metabolic, cellular, apoptotic and systemic stress pattern: A study on Government employees in Kolkata, India. *Scientific Reports* (2015). 5:18284. ISSN: 2045-2322 (online) [Publication Date: 16.02.2016].
2. Krishnendu Manna, Amitava Khan, Sushobhan Biswas, Ujjal Das, Aaveri Sengupta, Dipanwita Mukherjee, Anindita Chakraborty and Sanjit Dey. Naringin ameliorates radiation-induced hepatic damage through modulation of Nrf2 and NF-κB pathways. *RSC Advances* (2016): 6:23058 ISSN: 2046-2069 (online) [Publication date: 15.02.2016].

3. Pradipta Kumar Basu, Amrita Ghosh, Amitava Khan, Anindita Chakraborty, S Selvaraj, and Sanjit Dey: Evaluation of antimicrobial screening in 3,5-disubstituted pyrazoles and 3,5-disubstituted-4-ferrocenylmethyl

pyrazoles and their methylated derivatives. *American Journal of Experimental Biology* (2016): 3:1-18. ISSN: 2375-7663 (Online) [Publication date 07.05.2016].

Sri Sanatan Mishra (PTT):Research papers published

1. **Sanatan Mishra**, Debosree Ghosh, Mousumi Dutta, Aindrila Chattopadhyay and Debasish Bandyopadhyay. Tannic Acid Protects against Cadmium-Induced Renal Damages of Male Albino Rats. *International Journal of Pharmaceutical Science, Reviews and Research*, 32(2): 273-281. 2015. ISBN/ISSN-0976 – 044X [Impact Factor 2.544].
2. **Sanatan Mishra** , Shamreen Naaz, Arnab Kr. Ghosh, Sudeshna Paul, Nirajan Ghosal, Mousumi Dutta, Debasish Bandyopadhyay , Aindrila Chattopadhyay. Orally administered aqueous bark extract of *Terminalia arjuna* protects against adrenaline-induced myocardial injury in rat heart through antioxidant mechanisms: an *in vivo* and *in vitro* study. *Journal of Pharmacy Research*, 10(6): 454-478. 2016. ISBN/ISSN -0974-6943 [JPR Solution Publication; Impact Factor 2.667].
3. **Sanatan Mishra** , Nirajan Ghosal, Vharati Bhattacharjee, Auroma Ghosh, Arnab Kr. Ghosh, Ratul Bezbaruah, Debasish Bandyopadhyay , Aindrila Chattopadhyay. Oleic acid, one of the major components of ethylacetate partitioned fraction of aqueous bark extract of *Terminalia arjuna*, protects against adrenaline-induced myocardial injury in rat heart through antioxidant mechanisms: an *in vivo* and *in vitro* study. *Journal of Pharmacy Research*, 10(8): 543-565. 2016. ISBN/ISSN -0974-6943 [JPR Solution Publication; Impact Factor 2.667].

Sri Sanatan Mishra: Training/Workshop attended

- (a) Four days work shop on "Chromatography-a technique for analysis of biomolecules from natural resources and agriculture crops, a training programme on HPTLC, HPLC, GC, GC-MS and SAMPE-GC-MS on 5th -8th January, 2016, Organized by Dept. of Botany , University of Calcutta.

Sri Sanatan Mishra: Conferences/Seminar attended

- (a) A seminar on World Environmental Day (Time for Global Action). Organized by Foundation for Science and Environment, Kolkata. In association with Confederation of Indian Universities, New Delhi, at Meghnad Saha Auditorium, University of Calcutta, Rasbeharari Shiksha Prangan, 92 A.P.C. Road, Kolkata-700009, 5th June 2015.
- (b) A seminar on "Scientific interaction on emerging biomedical sciences" organized by IABMS Eastern regional chapter , Kolkata, at Meghnad Saha Auditorium, University of Calcutta, Rasbeharari Shiksha Prangan, 92 A.P.C. Road, Kolkata-700009, 20th August, 2016.

Sri Sanatan Mishra: Presented poster/paper in seminar

- (a) **Sanatan Mishra**, Mousumi Dutta, Sadhan Mondal, Monalisa Dey, Sudeshna Paul, Aindrila Chattopadhyay, Debasish Bandyopadhyay. "Amelioration of adrenaline-induced hepatic damages by aqueous bark extract of *Terminalia arjuna* in male albino rats", XXVII Annual National Conference of the Physiological Society of India (PSI), at Dept of Physiology, University of Calcutta, 18th to 20th December, 2015.
- (b) Gargi Bose, Mousumi Dutta, Aindrila Chattopadhyay, Auroma Ghosh, Adrita Banerjee, Arnab Kumar Ghosh, **Sanatan Mishra**, Sanjib K Pattari, Tridib Das, Debasish Bandyopadhyay. "Arsenic induced oxidative stress in rat heart aggravate by high fat diet can be protected by aqueous bark extract of *Terminalia arjuna*", 103rd Indian Science Congress organized by The Indian Science Congress Association at Mysuru, 3rd to 7th January, 2016.
- (c) **Sanatan Mishra**, Debosree Ghosh, Mousumi Dutta, Aindrila Chattopadhyay, Debasish Bandyopadhyay. "Tannic Acid Protects against Cadmium-Induced Renal Damages of Male Albino Rats", Allercon-2015: 5th National conference on respiratory allergy & immunology organized by Allergy & asthma research centre and Dept. of Zoology University of Calcutta at CRNN , 10TH January, 2016.

Department of Food & Nutrition

Student:

Number of students appeared in
the 3rd year final examination : 28
Number of First Class : 11
Number of Second Class : 10
Success Rate with Hons. : 96.15%
Student achievements : Very Good
Departmental Library : Yes
Departmental Seminar : Yes
Parent-teacher meeting : Yes
Excursion/ Educational Tour : No

Faculty:

Shreya Sen, M.Sc., Ph.D., CWTT (Govt. Approved)
Sudipta Pal, M.Sc., Ph.D., CWTT (Govt. Approved)

Substantive: 0; CWTT:02



Department of Psychology

Student:

Number of students appeared in
the 3rd year final examination : 26
Number of First Class : 07
Number of Second Class : 17
Success Rate with Hons. : 100%
Student achievements : Excellent
Departmental Library : Yes
Departmental Seminar :
Departmental Publication :
Parent-teacher meeting : Yes
Excursion/ Educational Tour:

Faculty:

Sonalipa Chatterjee, M.Sc., CWTT (Govt. Approved)
Amrita Roy, M.Sc., CWTT (Govt. Approved)

Substantive: 0; CWTT: 02

Mrs. Amrita Ray, Dept. of Psychology, published a paper titled "Comparative study of depressed and non-depressed young adults regarding attachment style" in IOSR Journal of Humanities and Social Science [IOSR-JHSS] Vol.21, Issue.6, Version.5 (June, 2016)17-21p. e-ISSN: 2279-0837, p-ISSN: 2279-0845.

Department of Computer Science

Student:

Number of students appeared in
 the 3rd year final examination: 22
 Number of First Class : 12
 Number of Second Class : 08
 Success Rate with Hons. : 100%
 Student achievements : Very Good
 Departmental Library : Yes
 Departmental Seminar : Yes
 Departmental Publication : No
 Parent-teacher meeting : Yes
 Excursion/ Educational Tour : No

Faculty:

Paramita Sikdar, M.Sc., M. Tech., Associate Professor (HOD)
 Oindrila Ghosh, M.Sc., M. Tech., PTT (Govt. Approved)

Substantive: 01; PTT : 01

The Computer Science Department is proud to announce that all the twenty two (22) candidates who had appeared for the B.Sc. Part-III Examinations this year have qualified and twelve (12) secured a first class. The mark obtained by the class topper Anubhab Das was 614 out of 800.

The department had arranged a seminar on Social Network Analysis and Big Data on 8th January, 2016. Prof. Partha Basu Chowdhury, Assistant Professor in the Department of Computer Science & Engineering, Heritage Institute of Technology, Kolkata delivered a lectures on Social Network Analysis. Mr Sankalpa Sarkar software tester , Cognizant tech Solutions, one of our alumnus(2011-13) also delivered a lecturer on Big data. Mr. Satyaki Sikdar of Heritage Institute of Technology, Kolkata also delivered a talk on Social Networks. The students of the department also spoke on Android Technology , Big Data and Social Media Analysis. A poster competition was also held on that day. An inter college Quiz competition was also arranged and students neighbourhood colleges like ScottishChurch College, Bethune College, Gurudas College Surendranath College, T.H.K Jain College participated in the competition.



Staff of the Principals's Office, Laboratory, Library & others

Laboratory Staff

Rabi Das, Lab. Staff, UG, Geography
 Mitali Bairagi, Lab. Staff, UG & PG Geography
 Swapan Patra, Lab. Staff, PG, Geography
 Biswajit Dutta, Lab. Staff, PG, Geography
 Rajendranath Sardar, Lab. Staff, Physics
 Alok Saha, Lab Staff, Physics
 Goutam Sarkar, Lab Staff, Physics
 Bhanjan Chandra Das, Lab. Staff, Chemistry
 Goutam De, Lab. Staff, Chemistry
 Mrityunjoy Das, Lab. Staff, Chemistry
 Binod Kumar Mondal, Lab. Staff, Chemistry
 Amit Majumder, Lab. Staff, Chemistry
 Lakshmi Narayan De, Lab. Staff, UG, Zoology
 Nilanjan Goswami, Lab. Staff, UG, Zoology
 Pulak Kumar Das, Lab. Staff., PG, Zoology
 Sukanta Nayak, Lab. Staff, PG, Zoology
 Sudhir Kumar Patra, Lab. Staff, Botany
 Shyamal Kumar Chakraborty, Lab. Staff, Botany
 Partha Mandal, Lab. Staff, Botany
 Biswanath Das, Lab. Staff, Physiology
 Ramesh Chandra Gond, Lab. Staff, Physiology
 Mintu Ghosh, Lab. Staff, Physiology
 Nilima Das, Technical Lab Assistant, Computer Science
 Abhijit Sanyal, Lab Staff, Journalism & Mass Communication
 Sudip Choudhury, Lab Staff, Biochemistry
 Satyanarayan Sen, Lab Staff, Electronics
 Partha Chatterjee, Lab Staff, Psychology
 Sahadeb Bhattacharya, Lab staff, Food & Nutrition

Library Staff

Subimal Chakraborty, Library Staff, UG
 Monojit Hazra, Library Staff, UG
 Basana Das, Library Staff, PG

Office Staff

Amiya Kanti Bhattacharjee, Head Clerk
 Debabrata Sanyal, Library Clerk
 Ratan Das, Cashier
 Biswanath Chattopadhyay, Accountant
 Manas Das, Office Assistant
 Barun Ghosh, Office Assistant
 Tushar Mitra, Darwan
 Soubir Das, Electrician-cum-Caretaker
 Pradip Das, Mechanic-cum-Gas Plant/Pump Operator
 Anuj Kumar Singh, Darwan
 Salil Das, Office Assistant
 Sunirmal Das, Office Assistant
 Fatik Samanta, Office Assistant
 Asim De, Office Assistant



All Staff present in the Annual Sports 2016



Felicitation to recognize the long service of Sri Sudhir Kumar Patra, Laboratory Staff of Botany on his last day of service

Anjan Kumar Moitra, Office Assistant
 Ajay Banerjee, Office Assistant
 Nitai Bankura, Office Assistant
 Arshad Hossain, Office Assistant
 Babai Das, Office Assistant
 Chirajib Maity, Office Assistant
 Sushil Pradhan, Office Staff, PG

Cleaning Staff

Mahendra Rabidas, Cleaning staff, UG
 Soneswar Mandi, Cleaning Staff, UG
 Teklal Rabidas, Cleaning Staff, UG
 Sarju Das, Cleaning Staff, PG

Prize & Award during the session 2014 - 2015: List of recipients:

Prize & Award	Recipients	Department	Type	Amount
Niladri Bhattacharya Memorial Fund	Poulami Mondal	PHIA, 1st Yr.	Cash	500
	Sreyashi Majumder	PHYA, 1st Yr.	Cash	500
	Deep Goswami	PHYA, 1st Yr.	Cash	500
	Sandipan Mondal	GEOA, 2nd Yr.	Cash	500
	Pintu Mondal	GEOA, 2nd Yr.	Cash	500
	Bapi Sarkar	BOTA, 1st, Yr.	Cash	500
	Subhajit Bhowmik	BOTA, 1st Yr.	Cash	500
	Shyamapada Singh Mura	PHSA, 1st Yr.	Cash	500
	Palash Singha	PHSA, 1st Yr.	Cash	500
	Dipa Saha	HISA, 1st Yr.	Cash	500
	Bidhan Maitra	HISA, 1st Yr.	Cash	500
	Sweety Dutta	HISA, 1st Yr.	Cash	500
	Koyel Samanta	HISA, 1st Yr.	Cash	500
	Rimpa Dutta	SANA, 1st Yr.	Cash	500
	Sandip Bhattacharjee	SANA, 1st Yr.	Cash	500
	Priti Patra	SANA, 1st Yr.	Cash	500
	MD. Shadab Alam	ENGA, 2nd Yr.	Cash	500
	Monodip Mondal	ENGA, 1st Yr.	Cash	500
	Susmita Saha	BNGA, 1st Yr.	Cash	500
	Bishal Mondal	BNGA, 1st Yr.	Cash	500

Prize & Award during the session 2014 - 2015: List of recipients:

Prize & Award	Recipients	Department	Type	Amount
Brahmananda Giri Smarak Scholarship	Debasish Mondal	MTMA	Cash	2000
	Suchitra Saha	CEMA	Cash	2000
Tarashankar Nayek Memorial Prize	Debasish Mondal	MTMA, 3rd Yr.	Cash	2000
Bedwin Chakraborty Memorial Prize	Sudeshna Saha	BNGA	Cash	1000
	Sreejeeta Mukherjee	BNGA	Cash	1000
Vidyasagar College Poor & Meritorious Fund	Sera Sen	ELTA	Cash	500
	Laba Das	GEOA	Cash	500
Promit Basu Memorial Fund	Pritam Giri	PHYA, 1st Yr.	Cash	1000
	Puspendu Das	MTMA, 1st Yr.	Cash	1000
	Anusua Adhikary	GEOA, 3rd Yr.	Cash	1000
	Anushree Dutta	BOTA, 1st Yr.	Cash	1000
	Paramita Das	BOTA, 1st Yr.	Cash	1000
	Anurag Ghosh	PHSA, 1st Yr.	Cash	1000
	Rahul Chakraborty	PHSA, 1st Yr.	Cash	1000
	Koushani Chatterjee	ZOOA, 3rd Yr.	Cash	1000
Jogamaya Nayek Memorial Prize	Debopriya Basak	MTMA, 3rd Yr.	Cash	2000
Madhusudan De	Santu Dey	MTMA, 1st Yr.	Cash	500 pm
	Angana Paul	CMSA, 1st Yr.	Cash	500 pm
Promit Basu Memorial Fund	Tumpa Bej	SANA, 2nd Yr.	Cash	1000
	Priti Das	SANA, 3rd Yr.	Cash	1000
	Ipsita Rath	ENGA, 1st Yr.	Cash	1000

Prize & Award during the session 2014 - 2015: List of recipients:

Prize & Award	Recipients	Department	Type	Amount
Promit Basu Memorial Fund	Mousumi Sardar	ENGA, 1st Yr.	Cash	1000
	Puja Dhar	ENGA, 1st Yr.	Cash	1000
	Aparupa Majhi	ENGA, 1st Yr.	Cash	1000
	Bandana Nandy	BNGA, 1st Yr.	Cash	1000
	Aliva Mondal	BNGA, 1st Yr.	Cash	1000
	Karuna Biswas	BG, 1st Yr.	Cash	1000
	Piyali Pramanick	AG, 1st Yr.	Cash	1000
	Shoubhik Mondal	PG, 1st Yr.	Cash	1000
	Biswajit Biswas	PLSA, 2nd Yr.	Cash	1000
	Arindam Mitra	PLSA, 2nd Yr.	Cash	1000
	Nilesh Prasad	PLSA, 1st Yr.	Cash	1000
	Sanjukta Das	HISA, 1st Yr.	Cash	1000
	Shreyasi Bose	SANA, 1st Yr.	Cash	1000
	Subhradip Kundu	CEMA, 1st Yr.	Cash	1000
	Pritam Giri	PHYA, 1st Yr.	Cash	1000
	Puspendu Das	MTMA, 1st Yr.	Cash	1000
	Anusua Adhikary	GEOA, 3rd Yr.	Cash	1000
	Anushree Dutta	BOTA, 1st Yr.	Cash	1000
	Paramita Das	BOTA, 1st Yr.	Cash	1000
	Anurag Ghosh	PHSA, 1st Yr.	Cash	1000
	Rahul Chakraborty	PHSA, 1st Yr.	Cash	1000
	Koushani Chatterjee	ZOOA, 3rd Yr.	Cash	1000



Total number of applicants: 110

Received: 92

Sports & Games

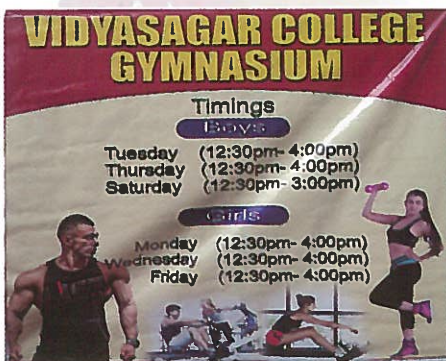
Vidyasagar College successfully conducted the “West Bengal Inter College Sports Championship 2016” funded by Higher Education Department, Govt. of West Bengal. More than 750 participants took part in that event from all the Districts of West Bengal. **Chiranjit Baishya** won a silver & a bronze medal in discuss and shot put throw respectively.

In North Kolkata Distric Meet, Vidyasagar College was the champion team in athletics (men), organized by the Higher Education Department, Govt. of West Bengal & **Chiranjit Baishya** was the mens’ champion winning 3 gold medals.

Madhulekha Hazra, Department of Electronics has won 3 Gold Medals in Inter-College swimming competition (2016) conducted by the University of Calcutta and qualified for the National Inter-College meet.



College has won the Inter-College swimming competition (2016) Women section, conducted by University of Calcutta. In this event **Madhulekha Hazra, Nivedita Pradhan & Fahmida Khan** took part and everybody contributed a lot to make the College Champion.



The College also boasts of a well equipped Gymnasium with a Qualified male & female trainer



JOIN N.S.S. ! JOIN N.S.S. !

**Serve Yourself By
Serving Others**

National Service Scheme (N.S.S.)

Vidyasagar College Unit
39 Sankar Ghosh Lane, Kolkata -700 006

NSS

In the month of January, 2016 Dr. Sanjib Kumar Jana took charge of Programme Officer of NSS unit of Vidyasagar College.

01.03.2016 to 08.03.2016→The volunteers of NSS Unit rendered service at the **Inter college State sports meet** (Govt. of W B), organized by Vidyasagar College at SAI Complex, Salt Lake, to make the meet a successful one.

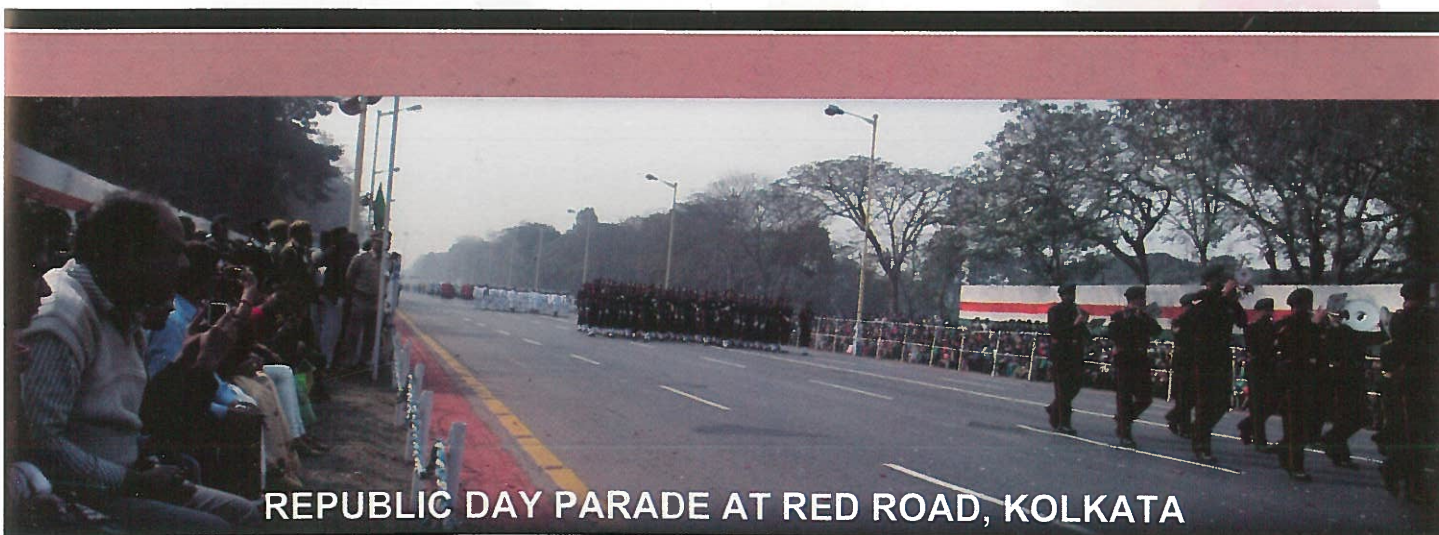
12.04.2016→Thalassemia, a dreaded disease, is a threat to our Society and it can be eradicated thoroughly from our Country through awareness only. Keeping it in our mind, the NSS Unit, Vidyasagar College organized **Thalassemia Carrier Detection Programme under the guidance of the Department of Physiology**, Vidyasagar College. In this programme we have tested 135 students of our College by the technical assistance with the Calcutta School of Tropical Medicine, Kolkata.

13.05.2016→Inter Collegiate quiz contest organized by AJC Bose College, Kolkata. In this programme our volunteers took part there. Out of them **Sri Puspendu Das and Smt. Rajlakhi Mondal** secured *third position jointly and won prizes there.*

21.06.2016→Our volunteers took part at **International Yoga Day** organized by NSS, CU and Vidyasagar College at Calcutta University Rowing Club, Rabindra Sarobar.

03.08.2016→Although State and Central Governments are initiating different projects to save, protect and nurture girl children, still there are some people who also trying to kill girl foetus. This is a crime towards our mankind. The **NSS unit organized a seminar on Pre conception and Pre natal Diagnostic Techniques** (Prohibition of Sex Selection) Act, 1994 jointly with the NGO CINI(Child in Need Institute) to aware mainly our students so that such type of crime could not be initiated in future.

Vidyasagar College organized the Republic Day Parade at Red Road in 2016 & and won the best upcoming contingent trophy.



REPUBLIC DAY PARADE AT RED ROAD, KOLKATA



Vidyasagar College

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Library Blog: <http://vclibrary.wordpress.com>

