

VIDYASAGAR COLLEGE

The Annual Quality Assurance Report (AQAR) of the IQAC Session : 2011-2012

Part – A

1. Details of the Institution

| | |
|--------------------------------------|--|
| 1.1 Name of the Institution | VIDYASAGAR COLLEGE |
| 1.2 Address Line 1 | 39, SANKAR GHOSH LANE, KOLKATA- 700 006. |
| Address Line 2 | 17, BIDHAN SARANI, KOLKATA – 700 006. |
| City/Town | KOLKATA |
| State | WEST BENGAL |
| Pin Code | 700006 |
| Institution e-mail address | vidyasagarcollegekolkata@gmail.com |
| Contact Nos. | 9433288059/9830832883 |
| Name of the Head of the Institution: | Dr Gautam Kundu (Present) / Dr. Tapan Kumar Mishra (Retired) |
| Tel. No. with STD Code: | (033)-2241-3018 / (033)-2241-4447 |
| Mobile: | 9433288059 |
| Name of the IQAC Co-ordinator: | Dr Sanjoy Kumar Bhattacharyya (Present) /Dr. G.C. Sadhukhan(Retired) |
| Mobile: | 9830832883 |
| IQAC e-mail address: | iqacvc@gmail.com |
| 1.3 NAAC Track ID | WBCOGN13760 |

1.4 NAAC Executive Committee No. & Date:*(For Example EC/32/A&A/143 dated 3-5-2004.**This EC no. is available in the right corner- bottom of your institution's Accreditation Certificate*

EC/47/A & A/55 dated 24-01-2009

1.5 Website address:

www.vidyasagarcollege.edu.in

Web-link of the AQAR:http://vidyasagarcollege.edu.in/AQAR_Reports/2011-12_AQAR_REPORT.pdf**1.6 Accreditation Details**

| Sl. No. | Cycle | Grade | CGPA | Year of Accreditation | Validity Period |
|---------|-----------------------|-------|------|-----------------------|-----------------|
| 1 | 1 st Cycle | B | 2.63 | 2009 | 2009 - 2014 |
| 2 | 2 nd Cycle | NA | NA | NA | NA |
| 3 | 3 rd Cycle | NA | NA | NA | NA |
| 4 | 4 th Cycle | NA | NA | NA | NA |

1.7 Date of Establishment of IQAC : DD/MM/YYYY

03-01-2012

1.8 AQAR for the year

2011-12

1.9 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC

i. AQAR__2011-2012 Submitted to NAAC on 28.9.2016

1.10 Institutional Status

University

State

Central

Deemed

Private

Affiliated College (UG)

Yes

No

Constituent College

Yes

No

Autonomous college of UGC (PG)

Yes

No

Regulatory Agency approved Institution

Yes

No

(eg. AICTE, BCI, MCI, PCI, NCI)

Type of Institution

Co-education

Men

Women

Urban

Rural

Tribal

Financial Status

Grant-in-aid

UGC 2(f)

UGC 12B

Grant-in-aid + Self Financing

Totally Self-financing

1.11 Type of Faculty/Programme

Arts Science Commerce Law PEI(Phys Edu)
 TEI (Edu) Engineering Health Science Management

Others(Specify)

Certificate courses ("CCC", "O" Level and "A" Level) by Vidyasagar College
 Computer Centre

1.12 Name of the Affiliating University (for the Colleges)

University of Calcutta

1.13 Special status conferred by Central/ State Government-- UGC/CSIR/DST/DBT/ICMR etc

Autonomy by State/Central Govt. / University

NA

College with Potential for Excellence

NA

NA

DST Star Scheme

DBT Scheme

NA

UGC-Special Assistance Programme

NA

NA

UGC-Innovative PG programmes

NA

Any other (Specify)

NA

UGC-COP Programmes

NA

2. IQAC Composition and Activities

2.1 No. of Teachers

8

2.2 No. of Administrative/Technical staff

3

2.3 No. of students

1

2.4 No. of Management representatives

1

2.5 No. of Alumni

1

2.6 No. of any other stakeholder and community representatives

1

2.7 No. of Employers/ Industrialists

NIL

2.8 No. of other External Experts

2

2.9 Total No. of members

17+1 (Principal - Chairperson, IQAC)

2.10 No. of IQAC meetings held

2 (Annually)

2.11 No. of meetings with various stakeholders: No. Faculty

Non-Teaching Staff Students Alumni Others

2.12 Has IQAC received any funding from UGC during the year? Yes No

If yes, mention the amount

2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the IQAC

Total Nos. International National State Institution Level

(ii) Themes

| Sl | Department | Theme |
|----|-------------------|--|
| 1 | Sanskrit | Historical Perspectives of Speaking and Writing (State) |
| 2 | Sanskrit | Prakrit Language (Local) |
| 3 | Computer Science | Algorithm (Local) |
| 4 | Political Science | Gender Studies (Local) |
| 5 | Economics | Thrust areas of Economics (Local) |
| 6 | Zoology | Natural and Anthropogenic Hazards of Environment- Their Impact on Biodiversity and Conservation, and Biotechnological Approach for its remedies (National) |
| 7 | Chemistry | Chemistry in the 21 st Century (National) |
| 8 | Chemistry | Journey of an Atom through Hundred Years (National) |
| 9 | Chemistry | Curriculum and allied field of studies related to undergraduate level of Chemistry (Local) |

2.14 Significant Activities and contributions made by IQAC

- College Library restructured with the purpose of accommodating more books. This year 160 new text books and journals have been added.
- Organised seminars and symposia (9) by different departments.
- Motivates teachers to get involved in Major(1) and Minor (10) Research Projects of U.G.C.
- Encouraged teachers to carry out research work for Ph.D. In 2011, 14 teachers are pursuing their Ph.D work.
- Paper presentation in different seminars by the teachers (21) has been nurtured and stimulated.
- Awareness programme held related to Dengue and Malaria in collaboration with Local Councillor.
- Organised blood donation camp by Students' Union of the college (V.C.S.U).
- Provision of free medical facilities including health check-up for staff and students under supervision of registered medical practitioner appointed by the College authority.

2.15 Plan of Action by IQAC/Outcome

The plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year

| Plan of action | Achievements |
|--|---|
| Purchase of laboratory instruments for different departments | Purchase inclusive of digital balance, spectrophotometer, desktop, laptop, Internet connection, Software for most of the Departments. |

| | |
|---|--|
| Development of infrastructure | Three class rooms have been provided at the second campus. |
| Implementation of on-line admission w.e.f. 2011 | Professionals have been appointed to initiate on-line admission under the supervision of College Office Management and Administration wing. |
| Feedback by students on the pattern of new syllabus | Open house discussions were conducted by the faculty members with the departmental students. |
| Purchase of text books, reference books and journals | U.G.C. sanctioned requisite grants for purchasing text books, reference books and journals relevant to syllabus. |
| Preparation of centralised class routine | Routine committee prepared centralised class routine for all the 20 subjects and distributed accordingly. |
| Students' feedback on the level of teaching | Teaching performance of the faculty members were taken on a 10 point scale from the student segment with satisfactory attendance and communicated to the concerned teachers to overcome the shortcomings. |
| Feedback on curriculum analysis by the students | Students are invited to take part in the open house discourses and dialogues and communicated to the authorities through members of Board of Studies. Four faculty members of different departments (Chemistry, Sanskrit, Physics, Computer Science) are members of U.G. Board of studies of the University of Calcutta. |
| Continuous and comprehensive evaluation programme | Students' progression monitored through Class tests, Midterm tests, annual test examinations and advised accordingly. |
| Awards and scholarships to the students | A large section of poor and meritorious students have been awarded prizes and scholarships from the College and endowment funds. |
| Redressal to students' grievances | Grievances of the students with reference to teaching and infrastructural facilities have been addressed properly by the concerned cell. We have established a help desk to cater over the problems involved thereto. |
| Career counselling programmes | Third year students have been offered guidelines by the respective departmental teachers to chalk out their career plan after completion of B.A./ B.Sc. degree and choose the post graduate studies with ample job opportunities. |
| Availing the facility of Right to information | Students have been advised to apply for RTI for self check of their answer scripts after the publication of Part-I to Part-III final University results as felt necessary. |
| Activating departmental Libraries | Departmental libraries have offered reading room and lending facilities for the students to supplement their knowledge base. |
| Parent-teacher meeting to assess progress of the students | After the completion of assessment of the mid-term examination all the parents of first and second year honours students are called for attending the parent-teacher meeting. The objective is to make the parents aware about the attendance and result of their wards and take measure for their improvements. It is a forum to exchange views in a learner centric ambience. |
| Facilitating provisions of computer aided teaching | New computers and printers have been procured, old ones repaired under annual maintenance providers in order to promote computer centric learning. |
| Increase the facilities of Library | <ul style="list-style-type: none"> i) Online journals and e-books through N-List are accessible for all users. ii) The library provides support and career oriented guidance for those preparing for the NET, SET or competitive examinations. iii) Services provided through the library blog can be learnt from the librarians upon enquiry. iv) Seating capacity is enhanced. |

2.16 Whether the AQAR was placed in statutory body Yes

No

Management

Syndicate

Any other body

Provide the details of the action taken

The action reports of the AQAR were submitted to our Governing Body and was approved duly on 14-6-2015

Part – B

Criterion – I

1. Curricular Aspects

1.1 Details about Academic Programmes

| Level of the Programme | Number of existing Programmes | Number of programmes added during the year | Number of self-financing programmes | Number of value added / Career Oriented programmes |
|------------------------|-------------------------------|--|-------------------------------------|--|
| PhD | | | | |
| PG | 2 (Zoology, Geography) | | 2 | |
| UG | 20 | | | |
| PG Diploma | NA | | | |
| Advanced Diploma | NA | | | |
| Diploma | NA | | | |
| Certificate | 3 | | | |
| Others | | | | |
| Total | 25 | | 2 | |

| | | | | |
|-------------------|--|--|--|--|
| Interdisciplinary | | | | |
| Innovative | | | | |

1.2 (i) Flexibility of the Curriculum: CBCS/Core/Elective option / Open options : Open Options.

(ii) Pattern of programmes:

| Pattern | Number of programmes |
|-----------|----------------------|
| Semester | 4 – PG |
| Trimester | |
| Annual | 20 – UG |

1.3 Feedback from stakeholders* (On all aspects)

Alumni Parents Employers Students

Mode of feedback :

Online Manual Co-operating schools (for PEI)

***See Annexure I, II, IIIA, IIIB for Feedback Analysis**

1.4 Whether there is any revision/update of regulation or syllabi, if yes, mention their salient aspects.

In U.G., it is not done because college follows C.U. Syllabus as per statute of the affiliating university. But in P.G. Departments of both Zoology and Geography revision of the existing syllabus is often carried out. One new area of specialization – Environmental Biology and Eco-toxicology is introduced in Zoology.

1.5 Any new Department/Centre introduced during the year. If yes, give details.

NO

Criterion – II

2. Teaching, Learning and Evaluation

| | | | | | |
|------------------------------------|-------|------------------|----------------------|------------|--------|
| 2.1 Total No. of permanent faculty | Total | Asst. Professors | Associate Professors | Professors | Others |
| | 46 | 15 | 31 | -- | |

2.2 No. of permanent faculty with Ph.D. 32

| | | | | | | | | | | |
|--|------------------|----|----------------------|---|------------|---|--------|---|-------|----|
| 2.3 No. of Faculty Positions Recruited (R) and Vacant(V) during the year | Asst. Professors | | Associate Professors | | Professors | | Others | | Total | |
| | R | V | R | V | R | V | R | V | R | V |
| | 0 | 27 | 0 | 0 | - | - | - | - | 0 | 27 |

2.4 No. of Guest and Visiting faculty and Temporary faculty 83 22 0

2.5 Faculty participation in conferences and symposia:

| No. of Faculty | International level | National level | State level |
|------------------------------|---------------------|----------------|-------------|
| Attended Seminars/ Workshops | 4 | 37 | 8 |
| Presented papers | 12 | 5 | 4 |
| Resource Persons | Nil | 1 | Nil |

2.6 Innovative processes adopted by the institution in Teaching and Learning:

- Group discussions are conducted by most of the departments to surmount the laches, lag and lacuna in answering questions.
- Allotment of special demonstrative practical classes before examinations enrichment to face viva-voce examinations and arrangement of educational tours and field study have been conducted.
- Project works in science subjects in the UG level and remarkable in the PG level have been pursued.
- A frequent practice of the department of Journalism is to arrange video graphic film shows, photographic sessions anchoring and train up the students for media management.
- Honours students from the department of Chemistry and physics have attended workshop at the Saha Institute of Nuclear Physics.
- Honours students in Chemistry have taken part in the poster session in the UGC sponsored National Seminar held in Bethune College.
- Department of Economics has successfully conducted intercollegiate students' seminar where students got the opportunity to present their paper.
- Students' seminar lecture has been organised by the department of Chemistry on yearly basis.
- IQAC from its very inception had planned to execute enhanced overhead projector and LCD projector based classroom lectures. Postgraduate departments have now adopted exclusive use of such technology assisted power point presentation in order to achieve rapid and greater coverage within the limited time span.
- A switchover has already been triggered to replace conventional blackboard by white board system at the Salt Lake campus.
- IQAC takes the initiative to instruct the PG departments (Zoology and Geography) to arrange for participation of final semester students in the relevant project works, collaborated with external reputed academic & research institutions like University of Calcutta , Jadavpur University , Chittaranjan National Cancer Institute, Indian Institute of Chemical Biology and West Bengal University of Technology.
- Impetus is being inculcated among the rudimentary semester students with reference to thesis dissertation

presented by the 4th semester PG students.

- IQAC encourages every department to conduct seminar. During 2011-12, 9 (nine) seminars are held in the college under the supervision of IQAC.
- IQAC motivates students of General courses (1st Year) to participate in Computer General Awareness Course conducted by the Vidyasagar College Computer Centre. Three hundred and one (301) students of different streams (AG-130,GG-45,BG-74,PG-52) were enrolled in this course.

2.7 Total No. of actual teaching days during the academic year during this academic year 213 days

2.8 Examination/ Evaluation Reforms initiated by the Institution (for example: Open Book Examination, Bar Coding, Double Valuation, Photocopy, Online Multiple Choice Questions) Double valuation

2.9 No. of faculty members involved in curriculum Restructuring / revision / syllabus development as member of Board of Study/Faculty/Curriculum Development workshop 4 (members of Board of Study)

2.10 Average percentage of attendance of students 70%

2.11 Course/Programme wise distribution of pass percentage:

| Title of the Programme | Total no. of students appeared | Total no. of students Passed | Division | | | | Pass % |
|------------------------|--------------------------------|------------------------------|---------------|-----|------|-------|--------|
| | | | Distinction % | I % | II % | III % | |
| BCMA | 6 | 5 | | 3 | 2 | | 83.33 |
| BNGA | 56 | 44 | | 0 | 44 | | 78.57 |
| BOTA | 9 | 9 | | 2 | 7 | | 100.00 |
| CEMA | 20 | 18 | | 14 | 4 | | 90.00 |
| CMSA | 17 | 14 | | 8 | 6 | | 82.35 |
| ECOA | 18 | 9 | | 2 | 7 | | 50.00 |
| ELTA | 6 | 5 | | 3 | 2 | | 83.33 |
| ENGA | 42 | 31 | | 0 | 31 | | 73.81 |
| GEOA | 35 | 33 | | 3 | 30 | | 94.29 |
| HISA | 41 | 36 | | 0 | 36 | | 87.80 |
| JORA | 22 | 13 | | 0 | 13 | | 59.09 |
| MTMA | 20 | 14 | | 5 | 9 | | 70.00 |
| PHIA | 14 | 5 | | 1 | 4 | | 35.71 |
| PHSA | 14 | 12 | | 4 | 8 | | 85.71 |
| PHYA | 9 | 8 | | 2 | 6 | | 88.89 |
| PLSA | 35 | 33 | | 1 | 32 | | 94.29 |
| SANA | 22 | 16 | | 1 | 15 | | 72.73 |
| ZOOA | 29 | 23 | | 16 | 7 | | 79.31 |

2.12 How does IQAC Contribute/Monitor/Evaluate the Teaching & Learning processes :

- IQAC regularly holds meeting with the stakeholders for building up upgraded students centric infrastructures.
- It promotes the use of educational CD , DVD and ICT facilities by the faculty members through online access.
- It meets the faculty members to encourage them in organizing and participating in the seminars. This year 21 faculties have presented paper in various seminars and 49 faculties have attended various seminars related to their subjects. Moreover, faculties of different disciplines under the guidance of IQAC have organised 9 seminars in the college with active involvement of the students.
- IQAC encourages teachers to pursue their Ph.D degree. They are advised to avail Faculty Development Programmes (FDP) for this purpose. The number of teachers who are pursuing their Ph.D this year are 14 and 4 of them are availing FDP.
- The process of teaching and learning is adequately substantiated by providing more library space, text books, reference books , journals including e-journals. Online journals and e-books through N-List are accessible for all users. The library provides support and career oriented guidance for those preparing for the NET, SET or competitive examinations. The library blog is being used for last 5 years and users are allowed to post demand lists for new books, journals. Services provided through the library blog can be learnt from the librarians upon enquiry. One hundred and sixty (160) new text books and 241 journals have been added to the library during this year.
- Initiatives are taken to motivate students to develop their creativity through assignment of remedial and tutorial classes , practical demonstrations, field work, use of models and charts, doing research work under the guidance of eminent teachers and carry out project works to supplement class room lectures.
- Continuous and comprehensive evaluation of the improvements achieved by the students is assured through class tests , mid-term tests, final tests and communicated to the parents as well.
- IQAC endeavour to receive valuable feedback of the departments towards effective implementation of the decisions taken in improving the teaching learning process.
- Slow learners and weaker sections of the students especially first and second generation learners are addressed properly through remedial classes to maximize the success rate.
- The departments are directed to engage young talents to participate in poster session , create wall magazines, write in college magazines, photography etc. as co curricular activities.
- IQAC instils stimulation among the third year students to deliver seminar lectures pertaining to UG curricular and allied topics to build self confidence.

2.13 Initiatives undertaken towards faculty development

| <i>Faculty / Staff Development Programmes</i> | <i>Number of faculty benefitted</i> |
|--|--|
| Refresher courses | 0 |
| UGC – Faculty Improvement Programme | 4 |
| HRD programmes | |
| Orientation programmes | 0 |
| Faculty exchange programme | |
| Staff training conducted by the university | |
| Staff training conducted by other institutions | |
| Summer / Winter schools, Workshops, etc. | 4 (Workshop-3, Summer School-1) |
| Others | |

2.14 Details of Administrative and Technical staff

| Category | Number of Permanent Employees | Number of Vacant Positions | Number of permanent positions filled during the Year | Number of positions filled temporarily |
|----------------------|-------------------------------|----------------------------|--|--|
| Administrative Staff | 18 | 5 | 0 | 0 |
| Technical Staff | 15 | 2 | 0 | 0 |

Criterion – III

3. Research, Consultancy and Extension

3.1 Initiatives of the IQAC in Sensitizing/Promoting Research Climate in the institution

- Teachers (14) from different disciplines have been pursuing their Ph.D. works under supervision of senior teachers.
- Dissertation papers are being introduced in the final semester in the Postgraduate courses.
- The IQAC is active in encouraging the faculty members to apply for UGC funded minor & major projects. Teachers are engaged in UGC sponsored 10 minor projects and 1 major project during this year.
- IQAC encourages faculties to publish their achievements in journals which are 21 for this year.
- The IQAC has built up enthusiasm among students to undertake project works on selected theoretical topics in multi various disciplines.
- Summer school in research institutes of acclaim such as Indian Association for the Cultivation of Science has been attended by various Post Graduate students of Zoology Department.
- Research rooms with computers & Internet facilities have been provided by the IQAC to the intending research workers.
- Creation of research aptitude has been strengthened among the teachers and students through participation in seminars organised at the local, state & national level. This year 49 faculties have attended multidisciplinary seminars and 21 faculties have presented papers in different seminars. The college has also organised 9 seminars.
- The IQAC has been successful in encouraging the 3rd Year students of Chemistry Honours to deliver lectures on research level frontier areas.
- Research climate is well fostered amongst students by IQAC through innovative creation of wall magazines and poster on recent research activities in tune with the previous works.
- Faculty members delivered invited lectures as resource persons in response to sensitizing research climate. IQAC also encourages faculties to act as expert, chairperson or resource person in various seminars and conferences. In this year, 2 faculties have been invited for this purpose.

3.2 Details regarding major projects -

| | Completed (Project Report & Utilization submitted to UGC(ERO)or DST/DBT etc | Ongoing | Sanctioned | Submitted (Project Proposal Submitted) |
|---------------------|--|---|------------|---|
| Number | ----- | 1 | ----- | ----- |
| Outlay in Rs. Lakhs | ----- | 8,16,400.00 (Rupees Eight Lakh Sixteen Thousand Four Hundred Only) | ----- | |

3.3 Details regarding minor projects

| | Completed (Project Report & Utilization submitted to UGC(ERO)or DST/DBT etc | Ongoing | Sanctioned | Submitted (Project Proposal Submitted) |
|---------------------|--|---|--|--|
| Number | 4 | 4 | 2 | 1 |
| Outlay in Rs. Lakhs | 1,94,000.00 + 57,000.00 + 98,500.00 + 1,52,000.00 = 5,01,500.00 (Rupees Five Lakh One Thousand Five Hundred Only) | 93,750.00 + 71,000.00 + 1,76,500.00 + 1,85,000.00 = 5,26,250.00 (Rupees Five Lakh Twenty Six Thousand Two Hundred Fifty Only) | 1,86,000.00 + 1,48,000.00 = 3,34,000.00 (Rupees Three Lakh Thirty Four Thousand Only) | 1,17,500.00 (Rupees One Lakh Seventeen Thousand Five Hundred Only) |

3.4 Details on research publications -

| | International | National | Others |
|--------------------------|---------------|----------|--------|
| Peer Review Journals | 7 | 8 | |
| Non-Peer Review Journals | | | 4 |
| e-Journals | | | |
| Conference proceedings | 1 | | 1 |

3.5 Details on Impact factor of publications:

Range Average h-index Nos. in SCOPUS

3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations (Only ongoing and sanctioned projects are mentioned)

| Nature of the Project | Duration Year | Name of the funding agency | Total Grant Sanctioned | Received |
|---|-----------------------|----------------------------|------------------------|-------------|
| Major Project | 3 Years (2009 - 2012) | DST, Govt. of West Bengal | 8,16,400.00 | 2,58,800.00 |
| Minor Projects | 2 Years (2010 - 2012) | UGC, (ERO), Govt. of India | 93,750.00 | 11, 875.00 |
| | 2 Years (2010 - 2012) | UGC, (ERO), Govt. of India | 71,000.00 | 8,000.00 |
| | 2 Years (2010 - 2012) | UGC, (ERO), Govt. of India | 1,76,500.00 | 43,500.00 |
| | 2 Years (2010 - 2012) | UGC, (ERO), Govt. of India | 1,85,000.00 | 52,500.00 |
| | 2 Years (2011 - 2013) | UGC, (ERO), Govt. of India | 1,86,000.00 | 1,23,000.00 |
| | 2 Years (2011 - 2013) | UGC, (ERO), Govt. of India | 1,48,000.00 | 1,20,500.00 |
| Interdisciplinary Projects | ----- | ----- | ----- | ----- |
| Project sponsored by the University / College | ----- | ----- | ----- | ----- |

| | | | | |
|--|-------|-------|---|-------|
| Student research projects (<i>other than compulsory by the University</i>) | ----- | ----- | ----- | ----- |
| Any other (Specify) | ----- | ----- | ----- | ----- |
| Total | ----- | ----- | 16,76,650.00 (Rupees Sixteen Lakh Seventy Six Thousand Six Hundred Fifty Only) | |

3.7 No. of books published

i) With ISBN No.

1

Chapters in Edited Books

6

ii) Without ISBN No.

3

3.8 No. of University Departments receiving funds from :

UGC-SAP

CAS

DST-FIST

DPE

DBT Scheme/funds

v

3.9 For colleges

Autonomy

Nil

CPE

DBT Star Scheme

INSPIRE

Nil

CE

Any Other (specify)

Nil

3.10 Revenue generated through consultancy

Nil

3.11 No. of conferences organized by the Institution

| Level | International | National | State | University | College |
|---------------------|---------------|----------|-------|------------|---------|
| Number | | 3 | 1 | | 5 |
| Sponsoring agencies | | UGC | C.U. | | College |

3.12 No. of faculty served as experts, chairpersons or resource persons

2

3.13 No. of collaborations

International

National

1

Any other

1

3.14 No. of linkages created during this year

0

3.15 Total budget for research for current year in lakhs :

From Funding agency

Rs. 6,17,675.00

From Management of University/College

Nil

Total

3.16 No. of patents received this year – Nil

| Type of Patent | | Number |
|----------------|---------|--------|
| National | Applied | - |
| | Granted | - |
| International | Applied | - |
| | Granted | - |
| Commercialised | Applied | - |
| | Granted | |

3.17 No. of research awards/ recognitions received by faculty and research fellows of the institute in the year -

| Total | International | National | State | University | Dist | College |
|-------|---------------|----------|-------|------------|------|---------|
| 1 | | | | 1 | | |

(Research Award-1)

3.18 No. of faculty from the Institution who are Ph.D. Guides and students registered under them

4

7

3.19 No. of Ph.D. awarded by faculty from the Institution

Nil

3.20 No. of Research scholars receiving the Fellowships (Newly enrolled + existing ones) Nil

JRF SRF Project Fellows Any other

3.21 No. of students Participated in NSS events : Nil

University level State level
National level International level

3.22 No. of students participated in NCC events: Nil

University level State level
National level International level

3.23 No. of Awards won in NSS: Nil

University level State level
National level International level

3.24 No. of Awards won in NCC: Nil

University level State level
National level International level

3.25 No. of Extension activities organized

University forum College forum 16
NCC NSS Any other

3.26 Major Activities during the year in the scheme of extension activities and Institutional Social responsibilities.

1. Each year the birth anniversary of Pandit Iswar Chandra Vidyasagar is celebrated in the campus with much pomp and flair. Many dignitaries are invited on this occasion. This platform is utilized as prize giving ceremony for the meritorious and poor students. The show ends with cultural programme.
2. Organized Blood Donation Camp.
3. Annual sports of the college have been conducted during 2011-12.
4. Awareness programmes for prevention of Malaria and Dengue organised in the nearby locality.
5. Cinema show organised by the Cine Club of our College .
6. Different cultural activities pertaining to college level, Inter College competitions on Quiz, Debate, Dance and Music have been organised.
7. Saraswati Puja is celebrated every year in the college campus as a mark of worship with enthusiastic participation of the students and local people.
8. Celebration of Independence day is conducted by Flag Hoisting.
9. Staff Cricket Match is held every year.
10. Thalassaemia Camp is held in the college during this year.
11. Students of different departments take part in the Football tournaments held every year in the college campus.
12. Indoor game tournaments (Table Tennis, Carom, Chess) are organised by Vidyasagar College Students' Union.
13. Freshers' Welcome is organised by Vidyasagar College Students' Union.
14. Photography and poster making competition are organised every year by Vidyasagar College Students' Union.
15. IQAC encourages field surveys in all departments to enhance the text book knowledge base. Department of Economics has conducted such an educational excursion in Diamond Harbour during this year. A brief report of the survey is furnished below:

On 3rd of April, 2012 the 1st Year Honours students of Economics Department of Vidyasagar College went to Diamond Harbour for an excursion. The motto of this excursion was to enlighten the students regarding collection and analysis of data on Tourism. The team started at 6.50 A.M. and reached Diamond Harbour at 9:30 A.M. In the excursion team there were 14 students and 4 honourable professors of the Economics Department. Spending time with some fun and sports, the faculty and the students also made a brief survey.

| | |
|--------------------------|--|
| Name of the lodge | : Diamond Harbour Tourist Centre (Sagarika) . |
| Room Information | : The lodge is made up of 2 floors. Some rooms are river facing and some are non-river facing. |
| Total no. of rooms | : There are 25 rooms which are of two types : A.C. Room & Non A.C. Rooms. |
| Number of A.C. Rooms | : 9 (6 river facing, 3 non river facing) |
| Number of Non A.C. Rooms | : 16 of which dormitory (7 river facing , 9 non river facing) |
| Total Number of beds | : 60 |

Table : 1

Statistics of beds sold during the months (Nov 2011 to Feb 2012)

| Month | A.C. (Double bed) | Non A.C. (Double bed) | Dormitory (Bed) |
|----------|-------------------|-----------------------|-----------------|
| Nov 2011 | 147 | 386 | 199 |
| Dec 2011 | 156 | 399 | 307 |
| Jan 2012 | 123 | 364 | 264 |
| Feb 2012 | 92 | 321 | 221 |

(Data : Secondary Source)

From the above table we conclude :

- Diamond Harbour is attractive to the tourist from the month of November to January mostly. No of tourist is maximum in the month of December.
- Maximum number of tourists is from middle class families and they mostly occupy non A.C. rooms.

16. Welfare to the meritorious and economically backward first generation learners through financial support from various sources.

| | Number of Students | Amount |
|---|--------------------|-------------|
| Financial support from institution | 188 | 1,77,900.00 |
| Financial support from government | 71 | 2,52,000.00 |
| Financial support from other sources (Zindal) | 15 | 1,56,135.00 |
| Number of students who received International/ National recognitions | - | - |

Criterion – IV

4. Infrastructure and Learning Resources

4.1 Details of increase in infrastructure facilities:

| Facilities | Existing | Newly created | Source of Fund | Total |
|---|--|---------------|----------------|-------------|
| Campus area | 1.8839 acres for colleges in three campuses, 2.00 acres (approx) for play ground at Marcus Square, Kolkata - 700006. | | | |
| Class rooms | 1 st Campus – 21 2 nd Campus – 12 3 rd Campus – 4 | | | Total -37. |
| Laboratories | 11 | | | 11 |
| Seminar Halls | 2 | | | 2 |
| No. of important equipments purchased (\geq 1-0 Lakh) during the current year. | Nil | | | |
| Value of the equipment purchased during the year (Rs. in Lakhs) | 3,84,461.00 (UG) 5,21,538.00 (PG) | | | 9,05,999.00 |
| Others | - | | | |

4.2 Computerization of administration and library

- Computerization of administration has been introduced for better performance.
- Online admission procedure is followed in the college. Admission Notice with criteria of admission is available in the Website.
- Fees structure for each and every subject combination is also available in the website.
- Library related decisions are taken in the Library Committee meeting.
- Online journals and e-books through N-List are accessible for all users.
- The library provides support and career oriented guidance for those preparing for the NET, SET or competitive examinations.
- The library blog is being used for last 5 years and users are allowed to post demand lists for new books, journals etc.
- Services provided through the library blog can be learnt from the librarians upon enquiry.

4.3 Library services:

| | Existing | | Newly added | | Total | |
|------------------------|----------------|------------|---------------------|--------|--------------|------------|
| | No. | Value | No. | Value | No. | Value |
| Text books | 37615 | 2905551.58 | 160 | 251820 | 37775 | 3157371.58 |
| Reference books | 4429 | 785979 | 0 | 0 | 4429 | 785979 |
| e-books & e-Journals | 50000b + 2500j | 5000 | Same as previous yr | 5000 | 50000B+2500j | 10000 |
| Journals & Periodicals | 13225 | 107926 | 241 | 5200 | 13466 | 113126 |
| Digital Database | 24995 | NA | 354 | NA | 25349 | NA |
| CD & Video | 188 | free | 0 | free | 188 | free |
| Others (Specify) | | | | | | |

4.4 Technology up gradation (overall)

| | Total Computers | Computer Labs | Internet | Browsing Centres | Computer Centres | Office | Departments | Others |
|----------|-------------------|---------------------|----------|------------------|------------------|--------|---------------------|----------------------|
| Existing | 90 6 (Laptops) | 5 (U.G.) 2(P.G.) | Yes | 0 | 1 | 2 | 20(U.G.) 2(P.G.) | 90 6 (Laptops) |
| Added | | | | | | | | |
| Total | 96 | 7 | | 0 | 1 | 2 | 22 | 96 |

4.5 Computer, Internet access, training to teachers and students and any other programme for technology up gradation (Networking, e-Governance etc.)

- The endeavour exercised by the college authority towards planning and development pertaining to technological up gradation is pursued through purchase of computers and laptops. These were provided to the various departments according to their requirements.
- The computers are provided with internet facility. The technical support has been taken from our computer centre in order to make the students and teachers conversant with the modern techniques of usage of computers. Teachers attain UGC oriented Refresher and Orientation training programmes as part of Career Advancement Scheme (CAS). Online journals and e-books are accessible for all users.

4.6 Amount spent on maintenance in lakhs

| | |
|--|--|
| i) ICT | Rs. 48,190.00 |
| ii) Campus Infrastructure and facilities | Rs. 13,32,076.00 |
| iii) Equipments | Rs. 3,84,461.00 (UG) Rs. 5,21,538.00 (PG) |
| iv) Others | |
| Total : | Rs. 22,86,265.00 |

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

- Periodical class tests are regularly taken.
- Students' academic progression and class attendance is adequately addressed in the Parent-teacher meeting held every year. Suggestions from the guardians end are accepted with appreciation and redressed accordingly.
- New books (160) and journals (241) have been purchased for updated reference resource to supplement students' need.
- Computers have been procured in all departments to serve students in a befitting manner.
- Canteen facilities improved with varieties food and snacks items.
- Thalassaemia screening test by the school of Tropical Medicine has been conducted with participations of students in this year.
- Merit cum means scholarship is a regular practice for the welfare of the financially weaker section of the society.
- A cheap store with reprographic facility has been under use.
- A students' gymnasium has been provided to cope with the body building and to maintain a healthy physique. Students practice there under professional trainer.

5.2 Efforts made by the institution for tracking the progression

1. Long educational excursions are held for curriculum based knowledge boosting through remote survey related to zoological, botanical, historical and economic stand points. This helps improve teacher student relationship and track the students' progression.
2. Parents are made aware about the attendance and performance of their wards in college examinations and advised accordingly for further improvements through 'Parent-Teacher' Meet.
3. The important sub committees keenly observe to track students' progression and offer suggestions in the T.C. meetings and forward the relevant decisions to the college authority.
4. Slow learners are identified after assessment of each of the college and University examinations. Their shortcomings are addressed accordingly through remedial classes.
5. The evaluated answer scripts are handed over to the students to have a self check about the mistakes committed and they are taught to learn model answers through special grooming sessions.
6. The departments keep records about the success rate in the post graduate entrance test such as JEST, JAM (ITT entrance), TIFR and other universities like Jadavpur, Shibpur, BHU, Pondicherry etc.
7. Post graduate departments always take endeavours in framing syllabus in concordance with the national level and NET/SET oriented curriculum for improved performance in the research level and job prospects.
8. Students are encouraged to deliver departmental seminar lectures to inculcate self confidence in facing interview experts and improve speaking skill in addressing learned audience.
9. Organising college level and state level seminars (9) creates great impact among the students in empowering them to flourish in the pursuit of research career.
10. Students get stimulation from the departmental teachers to undertake research work in reputed institutions like IACs etc.
11. Departmental teachers take initiative as mentors to engage students in doing project work.

5.3 (a) Total Number of students

| | | | |
|------|----|--------|--------|
| UG | PG | Ph. D. | Others |
| 2382 | 51 | -- | -- |

(b) No. of students outside the state

Nil

(c) No. of international students

Nil

| Course | Men | % | Women | % |
|--------|------|-------|-------|-------|
| UG | 1171 | 49.16 | 1211 | 50.84 |
| PG | 21 | 41 | 30 | 59 |

| Course | Last Year | | | | | | This Year | | | | | |
|--------|-----------|-----|----|-----|-----------------------|-------|-----------|-----|----|-----|-----------------------|-------|
| | General | SC | ST | OBC | Physically Challenged | Total | General | SC | ST | OBC | Physically Challenged | Total |
| UG | 1829 | 166 | 16 | - | 2 | 2013 | 1970 | 352 | 31 | 25 | 4 | 2382 |
| PG | 36 | 14 | 1 | 0 | 0 | 51 | 36 | 13 | 2 | 0 | 0 | 51 |

Demand ratio - 4.72 (UG)

Dropout % - Nearly zero (for both UG & PG)

Demand ratio - 5.57(PG)

5.4 Details of student support mechanism for coaching for competitive examinations (If any) :

Entry into services : Coaching classes are held for TET (Teachers Eligibility Test) for recruitment of primary teachers in schools and to prepare the aspirants for West Bengal School Service Commission meant for entry as teachers in secondary and higher secondary schools under job seeking merged scheme of UGC (XI th plan).
Examinees for competitive examinations such as banks, railways, LIC and WBCS services have been trained up adequately under the merged scheme of UGC (XI th plan).

No of student beneficiaries :

54

5.5 No. of students qualified in these examinations : **College has no search mechanism.**

NET

Nil

SET/SLET

Nil

GATE

Nil

CAT

Nil

IAS/IPS etc

Nil

State

Nil

PSC

Nil

UPSC

Nil

Others

5.6 Details of student counselling and career guidance

- The career counselling committee offers regular programmes on awareness on career aspects in different subjects.
- Department of Journalism arranges grooming sessions for promoting employability in new agencies.
- Students of Honours and General courses are counselled to join the certificate courses offered in our computer centre to assist to qualify in the entrance test of MCA programmes in reputed institutes.
- Third year Honours students always obtain career guidance from the faculty members in choosing career option in higher studies, research and general miscellaneous service examinations.
- Training programmes for service enabled competitive examination like Indian Railway, Banking services, Life Insurance and WBCS were executed for the intending aspirants.

No. of students benefitted

54

5.7 Details of campus placement

| <i>On campus</i> | | | <i>Off Campus</i> |
|---------------------------------|---------------------------------|---------------------------|---------------------------|
| Number of Organizations Visited | Number of Students Participated | Number of Students Placed | Number of Students Placed |
| 4(HCL,TCS,Zenith,First Source) | 70 | 5 | Nil |

5.8 Details of gender sensitization programmes

No formal gender sensitization programme has been conducted yet. However, students are being always nurtured to become empathetic and exhibit fraternity in all spheres of the theoretical and practical classes. Boys and girls are counselled within and beyond classrooms to identify themselves as human being only irrespective of issues in relevance to gender discrimination, justice and social inequality. All the staff members are keen to maintain the culture of working ambience among the male & female members conducive to a heritage institution like ours.

5.9 Students Activities

5.9.1 No. of students participated in Sports, Games and other events

State/ University level National level International level

No. of students participated in cultural events

State/ University level National level International level

5.9.2 No. of medals /awards won by students in Sports, Games and other events

Sports : State/ University level National level International level

Cultural: State/ University level National level International level

5.10 Scholarships and Financial Support

| | Number of Students | Amount |
|--|--------------------|-------------|
| Financial support from institution | 188 | 1,77,900.00 |
| Financial support from government | 71 | 2,52,000.00 |
| Financial support from other sources (Zindal) | 15 | 1,56,135.00 |
| Number of students who received International/ National recognitions | - | - |

5.11 Student organised / initiatives

Fairs : State/ University level National level International level

Exhibition: State/ University level National level International level

5.12 No. of social initiatives undertaken by the students

5.13 Major grievances of students (if any) redressed:

There has been no major grievance of students.

Criterion – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

VISION:

The genesis of Vidyasagar College is a momentous and happy event in the National history of India, as its parturition midwifed by none other than Pundit Ishwarchandra Vidyasagar, the torch bearer of Indian Renaissance, took place in 1872 in the form of the Metropolitan Institution.

In this backdrop he set out to form a college that was run by the natives, with no help from the ruling British in shape or form. In fact this college is the first one in India under the British yoke to be run entirely indigenously – the first attempt to free ourselves, in thought and practice, the first cry of freedom.

In accordance with the ideals set by Pundit Ishwar Chandra Vidyasagar and following the motto of knowledge, sacrifice and service the college aims to provide the best education possible to students coming from diverse backgrounds. As the founder sought to promote higher education as a part of his philanthropic social reform program, the college continues to make available special welfare and aid to backward and deprived sections of the society. It seeks to provide an environment of learning which is beyond the boundaries of caste, religion and gender. The students are exposed to diverse fields of knowledge and exposed to structured learning through the college curriculum. They are offered guidance and suggestions to help them solve problems and encouraged to acquire high academic standards. They are made aware of their moral responsibilities in a fast changing multicultural world, and strengthened to surmount the evils of irrationality and intolerance.

MISSION:

The foremost mission of Pundit Vidyasagar was to establish a completely national education institution in the growing metropolis of then Calcutta. It was Pundit Vidyasagar who was able to unite the western inquisitiveness and religious search for perfection in the realm of knowledge, with the tenderness and sympathetic warmth of the Indian heart.

Situated in a place, well connected transport-wise, the college as a flourishing centre of learning, draws in students from the suburbs and far flung districts of West Bengal. Keeping in mind the rich and varied past the college hopes to inculcate among students year after year values of generosity and warm fellow feeling and finally to create a programme of actual human resource development, deploying social justice and ensuring equity to foster competences amongst students. It has a mission to support, all its teaching-learning programmes by values of traditional, eternal and ethical thoughts. It caters its human and other resources to the backward and the underprivileged communities as well as advantaged regions.

The mission is also communicated to the students through prospectus and the first day-lecture delivered by the Principal, Head of the Department and other teachers during the “routine dictation procedure”.

Teachers, staff and other stakeholders are made aware regarding the mission through cultural programmes, college publications, prospectus, journals (Occasional volumes). The slogan of the 125th year celebration ‘To uphold the education of the nation’ highlighted its mission.

It was the crystallization of the vision of a visionary who believed that the education in our dependent country ought to be directed for the benevolence of the common underprivileged people.

It intends to provide a platform where during the most formative years of their lives students may learn to expound, argue and assess all social, economic, cultural and environmental issues before them. The college endeavours to produce skilled professionals who can engage in the task of improving the world around them socially and economically.

The mission of the institution today is to enhance higher education, creating a dynamic environment through implementation of higher technology delivered educational opportunity in collaboration with private, public and semi-public organizations and to create a well-balanced programme of actual human resource development, deploying social justice and ensuring equal opportunities among students.

OBJECTIVES

To provide

- Opportunity to nurture hidden talents of the students and help them to evolve into gifted individuals.
- Encouragement to the students to participate in projects, competition, excursion, social work, awareness drives and self-development sessions.
- Grooming ground for future citizens.
- Online tests to prepare for success in competitive examinations.
- Smart classrooms as a knowledge centre that disseminates education to inspire the students.
- Innovative teaching programmes for the students to blossom into natural leaders in life.
- Infusion of sportsmanship in the students stimulated by national icons.
- Smart boards, libraries, computer labs, and research rooms.
- Gymnasium for body building under the supervision of physical instructor.
- Platform to inculcate careers in film study under Cine-club.
- Learner centric Wi-Fi access for all.

6.2 Does the Institution has a management Information System

The college does not have a MIS.

6.3 Quality improvement strategies adopted by the institution for each of the following:

6.3.1 Curriculum Development

In U.G. the college follows the curriculum provided by the affiliating University i.e., University of Calcutta. Hence, there is not much scope for curriculum development . Each department has its own academic calendar where division of syllabus among faculties have been clearly specified. Date of completion of various chapters by different faculty members have also been enlisted in the academic calendar timely completion of the university syllabus . Four faculties Dr. Sanjay Kumar Bhattacharyya (Chemistry), Dr. Sudipa Bandyopadhyay (Sanskrit), Dr. Alok Ghosh Chaudhuri (Physiology), Smt. Paramita Sikdar (Computer Science) are members of Board of Studies of University of Calcutta . They take active participation in curriculum development in their own subjects. Moreover, faculties of different departments often participate in the different workshops organized by the University for curriculum development. The picture is different in case of Post-Graduate studies. Currently Zoology and Geography have Post-Graduate Departments. The eminent faculties of these two departments prepare their own curriculum in consultation with other members who come from different Universities and Research Institutes. Based on this, new thinking and advances in the field are incorporated in the syllabus.

6.3.2 Teaching and Learning

1. IQAC recommends usage of modern ICT tools and techniques such as using projectors, PowerPoint presentations etc.
2. There are well equipped laboratories in the institution. Any upgradation which requires substantial finance is referred to the Finance Committee and is subsequently approved by the G.B.
3. Library is modernized with latest software. INFLIBNET facility is available in the college.
4. Academic calendar is prepared every year keeping in mind the affiliating University Academic Calendar. Examination schedules are communicated in advance to the students.

6.3.3 Examination and Evaluation

The college strictly follows the academic calendar provided by the affiliating University. The academic calendar of the college is provided in **Annexure IV**.

1. Mid-Term and Test Examinations are held for the students of all the three years. Detailed examination schedule for theory and practical are duly notified in the college notice board.
2. Faculties of different departments evaluate the performance of the students and submit the marks to the examination committee within a stipulated time period.
3. The college has a process where the students are allowed to see their answer scripts and get the opportunity to rectify their mistakes. Students get all kind of co-operation from the faculties.
4. The examination committee displays the result on the notice board of the college.
5. The final exams are conducted under the control of the affiliating University. The faculties are appointed as Head Examiner, Examiner or Scrutiniser under the supervision of Controller of Examination.
6. Different departments of the college often conduct class tests for better performance of the students

6.3.4 Research and Development

1. The IQAC encourages the faculties to apply for Major (1) and Minor (10) research projects. The research committee facilitates the Major and Minor research projects of the faculties and provides logistical and other supports as necessary.
2. Full autonomy is provided to the Principal Investigator.
3. A fully equipped library, laboratories, computer with internet facilities etc. are provided to the faculties to assist with their research work.

6.3.5 Library, ICT and physical infrastructure / instrumentation

An effective library sub-committee monitors the overall development and smooth functioning of the library.

1. The library is well-stocked with ample collection of reference books, journals, magazines, newspapers etc. Online journals and e-books are accessible for all users.
2. These help the students and faculty members to keep themselves updated with the latest developments in the field of knowledge and education.
3. Educational DVDs and e-journals are also made available.
4. The library has subscription to INFLIBNET which enables the access to electronic resources.
5. Periodicals and books are also available through which students can prepare for competitive examinations.
6. There is a well-maintained storage of Questions banks and syllabi of subjects taught in the college.
7. There is a closed access Central library at 2nd campus and Post Graduate Library at 3rd campus of the college including text and references.
8. The Central Library also possesses some rare and unavailable precious collections of Bengali and English Literatures but without any original manuscripts (more than 80 years old - hand written document).
9. Apart from that each undergraduate department has an enriched Seminar Library through which a student can access some referrals with more ease.
10. Students may post their suggestions in the library blog. They may also meet the librarian for their suggestions and grievances.
11. A suggestion box has been placed in the Library premises where students and teachers drop their views and this is analyzed by the library committee for necessary actions.
12. In the year 2011-12, the category division of different kinds of reading materials in the library are :
Textbooks -3775
Reference Books – 4429
Journals/periodicals – 13466
Digital Database 25349
CD & Video 188

6.3.6 Human Resource Management

The recruitment of the faculties for the sanctioned posts are controlled by the State Govt. However, the college recruits guest faculties and temporary faculties to address the requirement of additional faculties as and when required. As the college has proliferated over the years there has been a dearth of Non-teaching staff. Recruitment has been done as per requirement on casual basis.

6.3.7 Faculty and Staff recruitment

At present four categories of faculties are engaged in the college.

1. Full time faculties – The college sends requisition to the college service commission for vacant substantive posts and the permanent faculties are appointed on the basis of the recommendation of the west Bengal College Service Commission.
2. Part time faculties – They are recruited by the college as per rules laid down by the Higher Education Department, Government of West Bengal.
3. Both Govt. aided Contractual faculties and college funded contractual faculties are appointed by the college. For the first category, Govt provides the salary while college finances the remuneration for the second category of faculty.
4. Non-teaching staff are appointed as per the regulation formed by the State Government.

6.3.8 Industry Interaction / Collaboration

Two faculties have such collaboration [Dr. Aindrila Chattopadhyay (Physiology) and Dr. Nirmal Debnath (Zoology)]. Dr. Chattopadhyay has research collaborations (State level) with Professor Debasish Bandyopdhyay, Professor, Dept. of Physiology, University of Calcutta. Dr. Nirmal Debnath has research collaboration (National level) with Professor Samiran Chakraborty, former Professor of University of Kalyani.

6.3.9 Admission of Students

1. Online admission procedure is followed in the college.
2. Eligibility criteria of the University and reservation policy of the Govt. and University are strictly followed.
3. Admission Notice with criteria of admission is available in the Website as well as in the Prospectus of the college.
4. List of total seats for each category as well as for every subject is displayed. The seats are filled in accordance with the number of seats sanctioned by the University in different subjects.
5. Reservation for sports personnel of repute are also taken into consideration as per University guideline.
6. Fee structure is also available in the website for each and every subject combination.
7. The final merit list which is generated by automated computerized system is published and displayed in the Website for the applicants.
8. There is scope of rectification if any kind of error is found in the merit list.
9. Students are invited to appear in the counselling conducted by the respective Departments.
10. Counselling process continues (three to four times) until the total number of seats are filled up.

6.4 Welfare schemes for

| | |
|--------------|---|
| Teaching | <ol style="list-style-type: none">1. GIS (Group Insurance)2. Vidyasagar College Co-operative Society |
| Non teaching | <ol style="list-style-type: none">1. GIS (Group Insurance)2. ESI (Employees State Insurance)3. Vidyasagar College Co-operative Society4. EPF (Employees' Provident Fund) |
| Students | 1. Financial support from institution |
| | 2. Financial support from government |
| | 3. Financial support from other sources (Zindal) |

6.5 Total corpus fund generated

Nil

6.6 Whether annual financial audit has been done

Yes



No



6.7 Whether Academic and Administrative Audit (AAA) has been done?

| Audit Type | External | | Internal | |
|----------------|----------|-------------------|----------|--------------------|
| | Yes/No | Agency | Yes/No | Authority |
| Academic | | | Yes | |
| Administrative | | D.N. Mishra & Co. | Yes | Principal's office |

6.8 Does the University/ Autonomous College declares results within 30 days?

For UG Programmes Yes No

For PG Programmes Yes No

6.9 What efforts are made by the University/ Autonomous College for Examination Reforms?

No such effort is being made by the affiliating University for the undergraduate departments. However, Class Tests are often conducted by the faculties for better assessment of students. For postgraduate section (Zoology and Geography), some reforms have been initiated. In Zoology, continuous internal assessments are done for practical courses. In Geography, occasional internal assessments are done for theoretical papers. IQAC takes the initiative to instruct the PG departments (Zoology and Geography) to arrange for participation of final semester students in the relevant project works, collaborated with external reputed academic & research institutions like University of Calcutta, Jadavpur University, Chittaranjan National Cancer Institute, Indian Institute of Chemical Biology and West Bengal University of Technology. Impetus is being inculcated among the rudimentary semester students with reference to thesis dissertation presented by the 4th semester PG students.

6.10 What efforts are made by the University to promote autonomy in the affiliated/constituent colleges?

NA

6.11 Activities and support from the Alumni Association

- Vidyasagar College has two registered Alumni Associations :
The first association was formed with registration no s/92086 of 1998-99.
The second association was established with registration no s/11/86122 of 2011-12.
- All the alumni associations are integral parts of the college. There exists one office of the association within the college campus.
- The executive bodies of the associations regularly conduct meetings (15) at the allotted office. The alumni annual meet has been organised during winter.
- Fifteen articles with two poems have been published in the annual magazine of the alumni association involving bulletin on all sorts of their activities. A few were reprinted write ups of Kabiguru Rabindranath Tagore, the great patriot and freedom fighter Netaji Subhash Chandra Bose and the great novelist Bimal Mitra etc. The yearly published magazines are ' Phire Dekha' and ' Vidyasagarika'.
- Text books and exercise copies have been distributed among 100 poor male and female students of the college and in the districts of West Bengal as well.
- Our alumni Mr. Himangshu Mitra has donated Rs. 50,000/- for the modernisation of Chemistry Laboratory.
- A few workshops and symposiums have been organised for the students to make them conversant with the job market and competitive world.
- An exhibition has been held to commemorate the 150th birth anniversary of our alumni scientist Acharya Prafulla Chandra Ray.
- Post centenary golden jubilee (150 years) anniversary of Kabiguru Rabindranath Tagore and Acharya Prafulla Chandra Ray have been celebrated.
- Two friendly cricket matches between students and staff members were held at Rishikesh Park.

- One day picnic was organised with participation of more than 50 alumni.
- The association has close contact with the departmental alumni. Alumni of different departments have flourished themselves in different fields. In academic fields Sananda Dey of Bio chemistry department stood first in M.Sc. in W.B. State University. In sports field one alumna of Philosophy department has won a prize in football tournament and another student stood second in drawing competition. One alumna of Bengali department (Pamela Bhattacharya) is working as a journalist in Ananda Bazar Patrika. Alumni of Journalism department are working as Journalist in different daily newspapers (Sambad Pratidin, Aajkaal, Times of India, Ganasakti etc.). Alumni of different departments are engaged in responsible posts in Indian Railway, WBSEB, TCS, Indian Postal Service, Banking service etc. Many are serving as faculties in different reputed schools and colleges. Dr. Soumitra Nandy of Physics department is working as Assistant Professor in IIT, Guwahati. Partha Pratim De of the same department is employed in Ministry of Home affairs.

6.12 Activities and support from the Parent – Teacher Association

Every year the Academic Committee of the college announces about Parent – Teacher Meeting which is being conducted by the different departments within a specified time period (December). All the departments organise Parent – Teacher Meeting where parents get feedback about the performance of their wards. Parents are used to offer suggestions regarding inconveniences faced by their wards. Parents of our alumni, Late Niladri Bhattacharya contributed significant fund to the college. The college authority has been using this fund for – (i) Niladri Bhattacharyya Memorial award to college toppers in B.A.(Hons) course in Political Science, Bengali and History, (ii) Niladri Bhattacharyya Memorial students’ welfare fund to serve the poor and meritorious students of the college. The awards are given to the students in the prize distribution ceremony.

6.13 Development programmes for support staff

- The college authority has a cordial relationship with the support staff.
- The support staff are members of all College sub-committees.
- Elected representatives of the support staff can convey various problems in the Governing Body.
- College administration encourages office staff to enhance their computer skill for technical up gradation.
- For recreation purpose support staff organise college picnic.
- They are encouraged to take active participation in college sports and cultural programmes.
- The sweepers are provided uniform by the college authority.
- Provision of free medical facilities including health check-up for staff and students under the supervision of registered medical practitioner appointed by the College authority.
- Following welfare schemes have been initiated for support staff.
 - a) GIS (Group Insurance)
 - b) ESI (Employees State Insurance)
 - c) Vidyasagar College Co-operative Society sanctions loan
 - d) EPF (Employees’ Provident Fund)

6.14 Initiatives taken by the institution to make the campus eco-friendly

1. Energy conservation -The institute takes care to see that no electrical equipment runs unnecessarily. It is seen that most of the times, lights are not turned on unnecessarily when there is sufficient natural day light. Energy conservation is ascertained in the following manner :
 - ❖ It is ensured that the fans are switched off when the rooms are vacant.
 - ❖ Printers are turned off at the end of the day
 - ❖ “Sleep” mode on computers and monitors is highly used as and when applicable.
 - ❖ Use of CFL lamps instead of electric bulbs and tube lights.
2. Use of renewable energy - Education and awareness on using renewable sources is the prime area of focus. Teachers often suggest the students to use solar energy whenever available to minimize electrical energy consumption through use of electronic gadgets.
3. Water harvesting - Proposed to be implemented in the 3rd Campus.
4. Check dam construction - No initiative is taken in this aspect.
5. Efforts for Carbon neutrality - Initiative have already been taken.
6. Plantation - Greenery is maintained through potted plants in the corridors and the college premises. Limited space is well utilized. The college maintains a garden of medicinal plants. In the 3rd campus lot of greenery already exists.
7. Hazardous waste management -Proposed to be implemented.

8. E-waste management -The college authority takes adequate measures for E-waste disposal by the competent authorities.

Criterion – VII

7. Innovations and Best Practices

7.1 Innovations introduced during this academic year which have created a positive impact on the functioning of the institution. Give details.

1. Initiation of on-line admission procedure for UG and PG admission.
2. Initiation of free medical check-up at college campus.
3. One of the most remarkable programmes pertaining to awakening consciousness among the students, teachers, office staff and related stake holders of the college, was organized on “Thalassaemia Awareness and screening Programme” held on 25th November, 2011 and 2nd December, 2011 in Vidyasagar College. A total of 125 blood samples were collected, screened and communicated to the respective participants.
4. Setting up of Gymnasium for boys.
5. Further installation of clean drinking water system.
6. Seminars are organized by different departments of the college.
7. UGC sanctioned grant (XIth Plan) (Phase wise w.e.f 2011) for introducing training programme aimed at Entry into Services at Vidyasagar College Study Centre under merged scheme. Job-oriented coaching classes were introduced in Vidyasagar College Study Centre under the UGC sponsored merged scheme (XIth plan) relating to “Entry into services” programme.
8. Another UGC grant (XIth Plan) was sanctioned (Phase wise w.e.f 2011) for conducting remedial classes for the weaker sections (SC, ST, OBC) as well as for general students of our college to help them perform better in the University B.A./ B. Sc Examinations. Special remedial classes were being planned and implemented under the sponsorship of UGC (XIth Plan). The benchmark set was to improve the basic knowledge base of the SC, ST, OBC and General students under B.A./B.Sc Honours and General curriculum beyond the regular classroom lectures.

7.2 Provide the Action Taken Report (ATR) based on the plan of action decided upon at the beginning of the year

| Plan of Action | Achievements |
|-------------------------------|--|
| Collaborative Action Planning | UGC Sponsored National Seminar in collaboration with Zoological Survey of India, entitled “Natural & Anthropogenic Hazards of Environment – Their Impact on Biodiversity and Conservation, and Biotechnological Approach for its Remedies” is organized by Department of Zoology |
| Upgradation of laboratories | A central Instrumentation Facility is established to pursue project and research works under the curricula and apart from curricula with partial financial help from Department of Biotechnology (DBT), Govt. of India |
| Students’ Aid Fund | 42 students are provided with financial assistance to continue their studies further |
| Academic Calendar | College academic calendar is prepared in accordance with the Calcutta University Academic Calendar |
| Training Programmes | Numerous training programmes are organized by Department of Zoology for Intra – and Inter-collegiate under graduate students of any stream of Life Science under DBT Sponsored STAR COLLEGE SCHEME sanctioned to the Department of Zoology for academic upliftment |

7.3 Give two Best Practices of the institution (*please see the format in the NAAC Self-study Manuals*)

- Welfare to the meritorious and economically backward first generation learners
- Award of DBT sponsored Star College Scheme to the Department of Zoology, U.G section

See Annexure V and Annexure VI for details

7.4 Contribution to environmental awareness / protection

- Maintenance of medicinal plant garden- In this case re-plantation is done as and when required. Adequate manure is supplied in regular frequency to the soil. Fencing surrounding the plants are also maintained to protect these plants. Checking the varieties individually to prevent any type of mix-up within the medicinal plants is also taken care of.
- Demarcation of areas as no smoking zone- Following the order of High Court, regarding smoking prohibition, the college has demarcated teachers' room, class room, corridors, Principal's room, meeting room, seminar room etc as no smoking zone. Posters depicting prohibition of smoking were also put up in the college
- Science and Technology, even though advanced cannot help in bringing about the change of attitude. Hence education in moral and ethical philosophy is needed an environmental study should be made a mandatory part. Conducting regular class on environmental education by expert faculty as part of the course curriculum to create environmental awareness among the students.
- Conducting seminar in Zoology department under the supervision of IQAC to make the students aware about impacts of bio-technology on environment and bio-diversity .

7.5 Whether environmental audit was conducted? Yes No

7.6 Any other relevant information the institution wishes to add. (for example SWOT Analysis)

SWOT ANALYSIS OF THE INSTITUTION

Strengths

- ❖ Demand for the courses offered.
- ❖ Better job opportunities.
- ❖ Faculty members who are part of board of studies.
- ❖ Smooth student-teacher relationships.
- ❖ Following the guidelines of the affiliating University in academic activities.
- ❖ Participation of students in activities organised by college authority.
- ❖ Research activities are gradually increasing especially in PG section along with some UG Departments. PG Departments have Research Centre authenticated by the University of Calcutta which inculcate research acumen in the students.
- ❖ The College has a skilful and meritorious Faculty Profile.

Weaknesses

- ❖ Shortage of staff for some of the subjects.
- ❖ Need of modernized laboratories.
- ❖ Research and consultancy to be enhanced.
- ❖ Better placement opportunities to be provided to the students.
- ❖ Space crunch in the campus 1 & 2 and no infrastructure development is possible as the sites are declared as Heritage Sites.

Opportunities

- ❖ Growing interest of the students in pursuing higher studies.
- ❖ To start certificate courses that might make the students competent in the job market.
- ❖ Plans for Inter disciplinary research work.
- ❖ Plans for organising more seminars and conferences in the college.

Challenges

- ❖ Book bank facility not available for students.
- ❖ Library to be fully automated in the future, depending on fund availability.
- ❖ Job oriented courses to be started in the 3rd campus on completion of the building.
- ❖ To open M.A/ M.Sc. in other subjects in 3rd campus.
- ❖ Self-employment application based courses to be started in 3rd campus.
- ❖ Providing Girls Hostel at 3rd Campus.

8.Plans of institution for next year

1. Computer Science / Electronic Science departments are to be provided with air conditioning machines.
2. Procurement of more equipments to be executed.
3. Procurement of more computers be implemented.
4. Purchase of more text and reference books to be done.
5. Computerization of library is to be implemented.
6. To reconstruct parking space at the ground floor.
7. Sixteen CCTV for overall surveillance at Bidhan Sarani campus be installed .
8. To undertake creation of more office space by constructing mezzanine floor (2000 sq ft).
9. Appointment of attendants and other staff in the laboratories, office and library (5).
10. To apply to the college service commission for filling up 15 vacant substantive posts.
11. Appointment of guest teachers to compensate for the class drops in respect of vacant teaching posts aided by college fund (80 to 90 teachers).
12. Up gradation of honours laboratory in Chemistry ground floor (Room no 12) with the help of donation of Rs. 50,000/- received from our one of the alumni.
13. Reconstruction of entire old damaged roof of the college building at Bidhan Sarani campus.
14. To organise UGC sponsored National seminar in Chemistry.
15. Setting up E-library with digitization of database of the library along with INFLIBNET and bar coding system is envisioned.
16. To establish research centre in Physiology for pursuing Ph.D programme by research scholars under the guidance of Dr. Aindrila Chattopadhyay.

Name _____

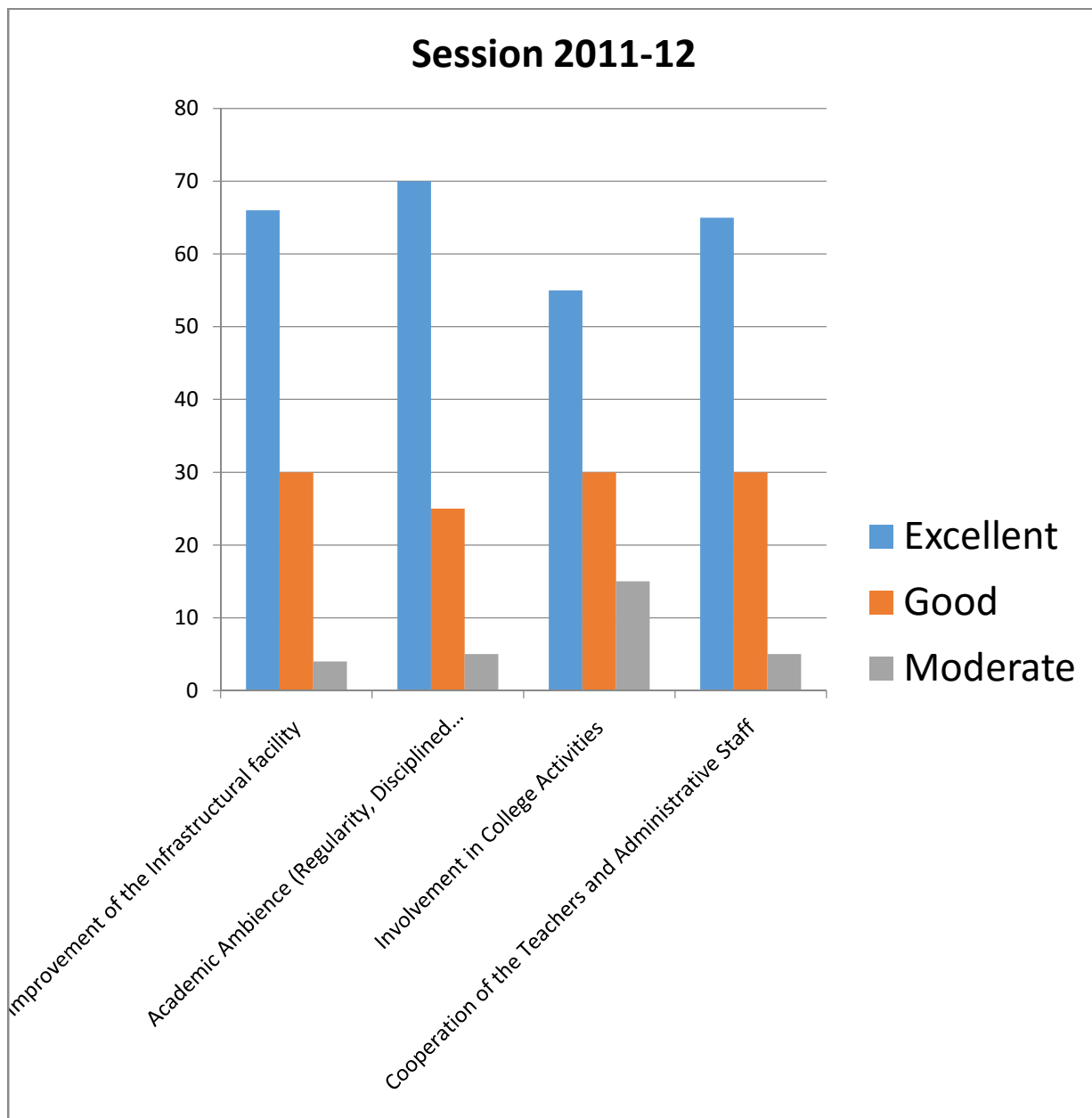
Name _____

Signature of the Coordinator, IQAC

Signature of the Chairperson, IQAC

ANNEXURE - I

Feedback from Alumni

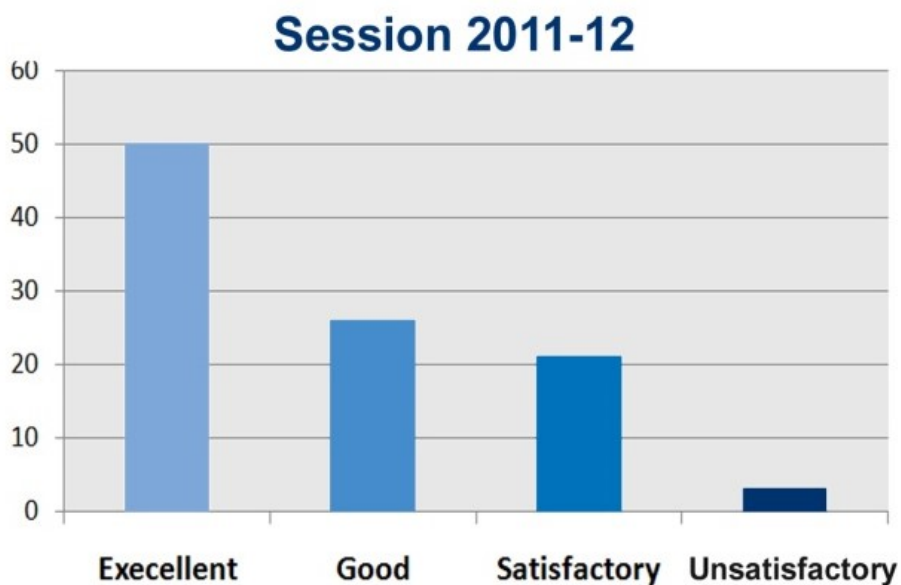


Bar diagram representing the scores (Excellent, Good and Moderate) for the year 2011-12.

The feedback forms were collected from the alumni of different departments and data was prepared on the basis of scores given on four criteria: i) Improvement of the Infrastructural facility, ii) Academic Ambience (Regularity, Disciplined Classroom/Laboratory, Teaching Methodologies, Status of Faculty), iii) Involvement in College Activities, iv) Cooperation of the Teachers and Administrative Staff for the year.

ANNEXURE II

Feedback from Parents



Bar diagram representing the scores (Excellent, Good, Satisfactory or Unsatisfactory) for the year 2011-12.

The feedback forms were collected from the parents of different departments during Parent-Teacher meeting and data was prepared on the basis of scores given on four criteria: i) Curricular aspects, ii) Teaching, Learning & evaluation, iii) Infrastructure & Learning resources, iv) Student support & Progression for the year.

ANNEXURE IIIA

Feedback from Students (U.G)

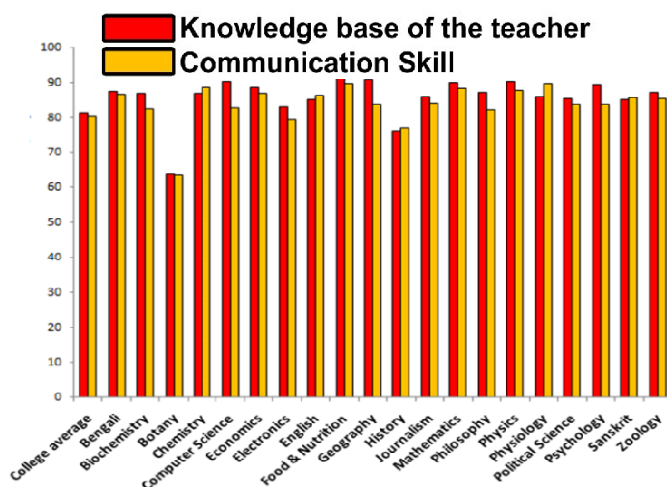


Fig. 1

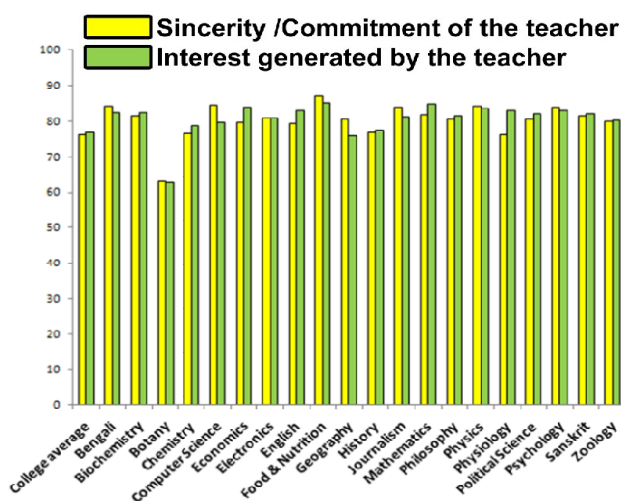


Fig. 2

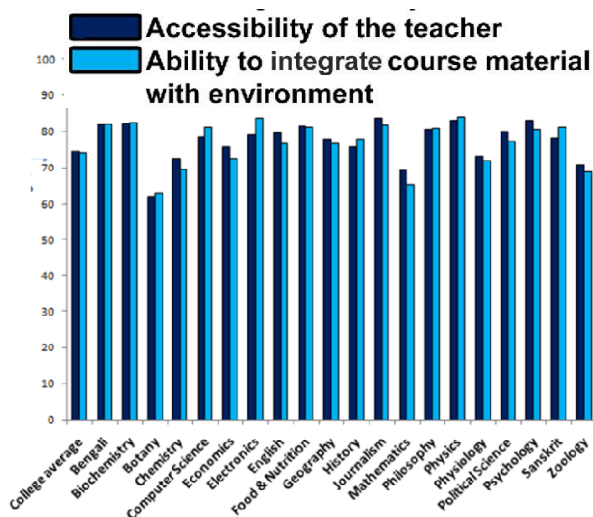
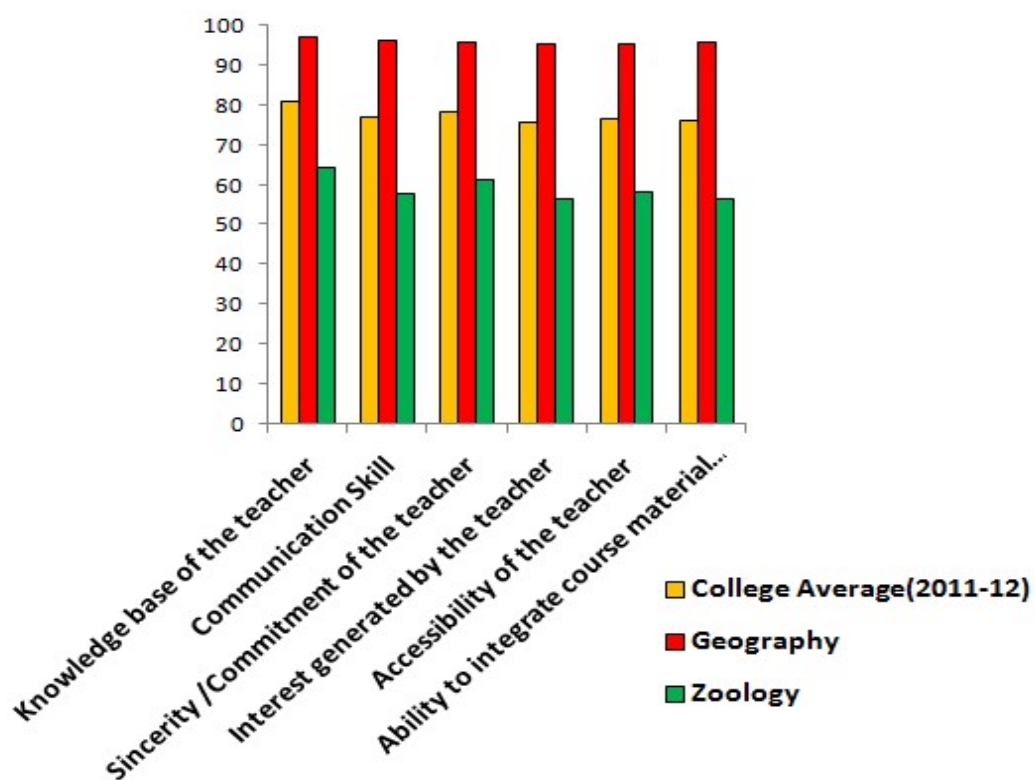


Fig. 3

The feedback forms were collected from the students of different departments and data was prepared on the basis of scores given on six criteria – i) Knowledge base of the teacher, ii) Communication skill, iii) Sincerity/ commitment of the teacher, iv) Interest generated by the teacher, v) Accessibility of the teacher and vi) Ability to integrate course material with environment.

ANNEXURE IIIB

Feedback from Students(P.G)



The feedback forms were collected from the students of different departments and data was prepared on the basis of scores given on six criteria – i) Knowledge base of the teacher, ii) Communication skill, iii) Sincerity/commitment of the teacher, iv) Interest generated by the teacher, v) Accessibility of the teacher and vi) Ability to integrate course material with environment

ANNEXURE IV



VIDYASAGAR COLLEGE

39 SANKAR GHOSH LANE, KOLKATA – 700 006



Academic Calendar for the B.A., B.Sc. Courses of Studies (under 1+1+1 System of Examinations) for the Academic Session 2011-2012

| Course of Studies | Last Date of Admission | Date of Commencement of Classes | Last date of change of Subject(s) /Stream | Submission of Registration Form to C.U. by the College | Mid-term Exam | College Test | Result of College Test | Filling- up of Form for Univ. Exam. | Date of Commencement of C. U. B. A., B. Sc. Examinations | Date of C. U. B. A., B. Sc. Compulsory Language Examinations for PART - I |
|-------------------|------------------------|--|---|--|--|-------------------------|-------------------------------------|-------------------------------------|--|---|
| PART - I | 05.08.2011 | Within July' 21. 2011 | 30.08.2011 | 16.09.2011 (without fine) 26.09.2011 (with fine) | 2 nd Week of November' 2011 | 06.03.2012 - 19.03.2012 | 1 st week of April' 2012 | 2nd week of April' 2012 | 12.07.2012 | 15.03.2012 |
| PART - II | ----- | within 7 days from the completion of Part-I Examination | ----- | ----- | 2 nd Week of November' 2011 | 12.02.2012 - 24.02.2012 | 1 st week of March' 2012 | 2nd week of March' 2012 | 05.06.2012 | ----- |
| PART - III | ----- | within 7 days from the completion of Part-II Examination | ----- | ----- | ----- | 16.01.2012 - 21.01.2012 | 1st week of February ' 2012 | 1st week of February' 2012 | 08.04.2012 | ----- |

Sd/-

Dr. Tapan Kumar Mishra
Principal, Vidyasagar College
39 Sankar Ghosh Lane, Kolkata – 700 006

ANNEXURE V

WELFARE TO THE MERITORIOUS AND ECONOMICALLY BACKWARD FIRST GENERATION LEARNERS

The pre-existing students' aid fund has been aimed at identifying meritorious students belonging to economically weaker and underprivileged section of our society and to extend financial support for proliferation of the sprouting learners as an act of social benevolence.

The college mostly offers the welfare facilities to the needy students. Financial crunch is not expected to impede the advancement of learning in the pursuit of becoming sensible citizen acquiring wisdom. It is worth mentioning that two such aid fund recipients Manoj Ghosh in Chemistry Honours and Ramchandra Sahoo in Physics Honours excelled in the B.Sc examination. They got support with full free studentship.

Many students got full and half free studentship from students' aid fund of the college. Contribution from the government level and private sector deserves mention.

Scholarships and Financial Support

| | Number of Students | Amount |
|---|--------------------|-------------|
| Financial support from institution | 188 | 1,77,900.00 |
| Financial support from government | 71 | 2,52,000.00 |
| Financial support from other sources (Zindal) | 15 | 1,56,135.00 |
| Number of students who received International/ National recognitions | - | - |

Provision of railway concession and subsidised educational tours and excursions in the format of single fair and double journey signify our untiring efforts for students welfare.

The college offers welfare facilities to both teaching and non-teaching community. Provision of loan facility up to Rs. 3,00,000 to all the teaching and non-teaching members by the Vidyasagar College Cooperative Credit Society is another best practice offered uninterrupted as outlined below. It has been awarded the most prestigious **Grade 'A' achievement in co-operative movement in India**. It functions like a banking system empowered with savings and fixed deposit facilities.

Vidyasagar Colleges' Employees' Co-Op. Credit Society - Its speciality

1. Single Co-Operative Society for Vidyasagar Group of Colleges – Vidyasagar College, Vidyasagar College for Women and Vidyasagar Evening College.
2. Grade 'A' achievement in co-operative movement in India
3. Easy Credit to facilitate the members of Group of Colleges.
4. NAAC appreciated the practice of Co-Operative Society.
5. General Meeting held at least twice in every year to review the progress of the Society.
6. Different types of Long Term loan facilities up to Rs 3,00,000 @ 11% for 6 years term, deposit schemes like recurring deposit - @6% to 8% for 6months to 3 years term are available. Fixed deposits, @6% to 8.5% for 6months to 3 years term are offered as well.
7. This society can reach out to the highest limit of humanity.
8. Savings deposit facilities during day & night schedule can be operated. Rate of interest is given at per banking systems.
9. Loan facility remains flexible for the members.
10. This co-operative credit society has 30 years of experience in serving for the concerned employees.

ANNEXURE VI

AWARD OF DBT SPONSORED STAR COLLEGE SCHEME TO THE DEPARTMENT OF ZOOLOGY, U.G SECTION

The STAR COLLEGE SCHEME was sanctioned to Department of Zoology, UG Section of Vidyasagar College, Kolkata, by Department of Biotechnology (DBT), Govt. of India, New Delhi, which can be considered as one of the great achievement attained by the college till date. The students as well as faculty members have been practically acquainted with the modern apparatus and their uses and various techniques in relation to viewing different biomolecules like DNA, protein, chromosome etc. by attending the training programmes conducted by the Zoology Department of the College under the support of the said scheme. Not only that their theoretical concept about the Biosciences have been more consolidated, beyond their University Curricula. As students are doing projects in a collaborative fashion in various Colleges, Universities and Institutes and vice-versa, which enhance their research acumen with different arena of bioscience like Microbiology, Molecular Biology, Biotechnology, Immunology, Cancer Biology, Toxicology, Cytogenetics etc. This interactions and exchange of views with each other during the tenure of works also have given rooms for independent thoughts about the vast and amazing field of Biological Sciences to each student.

DBT Sponsored STAR COLLEGE Training Programmes have inducted great zeal and enthusiasm among the students and at the same time it has been very popular to the students of other Departments like Botany, Physiology, Biochemistry along with students of Zoology Department of Vidyasagar College as well as to the students of various Bio-Science teaching Departments of many other surrounding colleges, which is reflected by their enhanced attendance in the class room since the inception of these training programmes as well as reported by the teachers of many other colleges.

A Central Instrumentation Facility (Established by partial financial assistance from DBT Sponsored STAR COLLEGE SCHEME) for different experimental purposes not only of the department but also for other departments of the college as well as other nearby colleges who have no such facilities, has been provided. The quality of the laboratory infrastructure has been improved a lot to cater better practical hands to the students along with improved and equipped theoretical classes using teaching_kits like LCD Projector, White Screen, Tripod, White Board, Computers with required accessories and software etc. which induce tangible basic knowledge with ardent perception of the students on each topic whatever they learn. A Lab manual is generated, which helps in the demonstration of practical experiments by Teaching and Nonteaching staff (Laboratory Attendant) to the students more perfectly and precisely as well as students may also have a look on the manual before doing the practical and also have scope to consult repeatedly after doing the practical class work for strengthening remembrance.

Library also seems to be benefited by procuring biotechnological journals and books by making them an easy access to the students to make themselves benefited immensely.

In conclusion it can be summarized that the STAR COLLEGE SCHEME of DBT, Govt. of India has been strengthened us mainly through the following points:

- i) Increased inquisitiveness of students towards learning and research activities in the vast field of Biological Sciences.
- ii) Development of Infrastructural facilities to cater more number of students.
- iii) Development of well equipped laboratories to facilitate the research works uninterruptedly.