



Yearly Status Report - 2018-2019

Part A

Data of the Institution

Part A	
Data of the Institution	
1. Name of the Institution	VIDYASAGAR COLLEGE, KOLKATA
Name of the head of the Institution	DR. GAUTAM KUNDU
Designation	Principal
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	03322414447
Mobile no.	9433288059
Registered Email	vidyasagarcollegeiqac@gmail.com
Alternate Email	vidyasagarcollegekolkata@gmail.com
Address	(1) 39 Sankar Ghosh Lane, 700 006 (2) 17 Bidhan Sarani, 700 006 (3) Block CL, Plot 3 - 8 and 44 - 50, Sector II, Salt lake City, 700 091
City/Town	KOLKATA
State/UT	West Bengal

Pincode	700006																								
2. Institutional Status																									
Affiliated / Constituent	Affiliated																								
Type of Institution	Co-education																								
Location	Urban																								
Financial Status	Self financed and grant-in-aid																								
Name of the IQAC co-ordinator/Director	Dr. Alok Ghosh Chaudhuri																								
Phone no/Alternate Phone no.	03322413018																								
Mobile no.	9830546964																								
Registered Email	vidyasagarcollegeiqac@gmail.com																								
Alternate Email	vidyasagarcollegekolkata@gmail.com																								
3. Website Address																									
Web-link of the AQAR: (Previous Academic Year)	https://www.vidyasagarcollege.edu.in/pdf/AQAR_Reports/2017-18_AQAR_REPORT.pdf																								
4. Whether Academic Calendar prepared during the year	Yes																								
if yes,whether it is uploaded in the institutional website: Weblink :	https://www.vidyasagarcollege.edu.in/ug-academiccalendar																								
5. Accrediation Details																									
<table border="1"> <thead> <tr> <th rowspan="2">Cycle</th> <th rowspan="2">Grade</th> <th rowspan="2">CGPA</th> <th rowspan="2">Year of Accrediation</th> <th colspan="2">Validity</th> </tr> <tr> <th>Period From</th> <th>Period To</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>B</td> <td>2.63</td> <td>2009</td> <td>29-Jan-2009</td> <td>28-Jan-2014</td> </tr> <tr> <td>2</td> <td>B++</td> <td>2.8</td> <td>2016</td> <td>16-Dec-2016</td> <td>15-Dec-2021</td> </tr> </tbody> </table>						Cycle	Grade	CGPA	Year of Accrediation	Validity		Period From	Period To	1	B	2.63	2009	29-Jan-2009	28-Jan-2014	2	B++	2.8	2016	16-Dec-2016	15-Dec-2021
Cycle	Grade	CGPA	Year of Accrediation	Validity																					
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1	B	2.63	2009	29-Jan-2009	28-Jan-2014																				
2	B++	2.8	2016	16-Dec-2016	15-Dec-2021																				
6. Date of Establishment of IQAC			03-Jan-2012																						
7. Internal Quality Assurance System																									

Quality initiatives by IQAC during the year for promoting quality culture

Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries
Celebration of Independence Day	15-Aug-2018 1	100
Annual day program on Vidyasagar Birth Anniversary celebrated with publication of Annual Report, distribution of prizes & awards and providing financial help to poor and meritorious students with funds raised from different sources	29-Sep-2018 1	700
Celebration of Fresher	14-Sep-2018 1	2000
Celebration of College Social (UTSAV) by VCSU	21-Jan-2019 2	2500
Cleaning of neighborhood locality by NSS volunteers and plantation of saplings on World Environment Day	05-Jun-2018 1	100
Blood donation camp organized by students	11-Sep-2018 1	200
Distribution of clothes among local poor before festive season	10-Oct-2018 1	500
Annual sports day organised	01-Mar-2019 1	200
Celebration of Saraswati puja	10-Feb-2019 1	1000
Celebration of Rabindra Jayanti	09-May-2019 1	40
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8. Provide the list of funds by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/ Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Vidyasagar College	College Grant	UGC	2018 365	203461
Vidyasagar College	College Grant	State Govt.	2018 365	70888074
Sekhar Bhowmik	Publication subsidy	ICSSR	2019 365	50000

Aindrila Chattopadhyay	Major Project	WBDST	2018 1095	1499800
Subhodeep Ganguly	Major Project	CSIR	2018 1825	3000000
Mousumi Das	Major Project	WBDST	2018 1825	1496032
Department of Zoology in PG	Major Project	WBDST	2018 1095	3000000
Department of Zoology in PG	Major Project	MoEF & CC, Govt. of India	2019 1095	3993600
Department of Zoology in PG	Major Project	WBDST	2018 1095	1719700
Vidyasagar College	RUSA 2.0	West Bengal State Council of Higher Education	2018 1095	10000000
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9. Whether composition of IQAC as per latest NAAC guidelines:	Yes
Upload latest notification of formation of IQAC	View File
10. Number of IQAC meetings held during the year :	3
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	Yes
Upload the minutes of meeting and action taken report	View File
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	No
12. Significant contributions made by IQAC during the current year(maximum five bullets)	
1. Successful planning, initiation and implementation of the newly introduced CBCS curriculum of University of Calcutta.	
2. IQAC also encouraged the faculty members to apply to UGC & ICSSR and to other funding agencies for Major & Minor projects. Faculty are also encouraged to undertake Career Development programmes and FIP.	
3. Faculty of different Departments are encouraged to conduct seminars at the National and International level and also participate in paper presentation/attend seminars/act as resource persons, which resulted in paper presentation by faculty in significant numbers.	

4. IQAC encourages teachers to take initiatives to act as mentors and help students to participate in project work.

5. First Day Orientation Programme for all newly admitted first year students of the B.A., B.Sc., M.Sc. degree courses done where 'code of conduct' of college and affiliation University explained to the students.

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13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year

Plan of Action	Achivements/Outcomes
Renewable Energy usage: Setting up of roof - top solar energy panel of 10 kW capacity at Bidhan Sarani Campus	Completed and ongoing for maintenance
Reduction of energy consumption: Using star-rated electrical gadgets, use of LED, CFL bulbs and fixtures	Completed and on-going
Rain harvesting: 1000 L capacity groundwater reservoir pit of 2ft x 2ft x 8ft one each at Bidhan Sarani Campus and Salt Lake campus	Completed construction and on-going maintenance
Plantation: College maintains a garden for medicinal plants. In the 3rd campus at Salt Lake, a lot of greenery is maintained with a Butterfly Park. No space for new plantation in the urban campuses, hence a lot of potted plants placed in the available corridors to enhance greenery.	Continued process
Purchase of laboratory equipment for different Departments and Purchase of text-books, reference books, journals.	5,79,460/- for Library + laboratory
Preparation of centralized class routine for PG and UG classes (1+1+1) and CBCS systems.	Routine committee prepared centralized class routine for all subjects under 1+1+1, CBCS & PG
Continuous evaluation programme according to the academic calendar including class-tests, mid-term tests, remedial tests, other examinations	Conducted and monitored by the examination sub-committee of the college.
Awards and Scholarships to students including Govt sponsored schemes.	Rs 33,838 for college awards and Rs 47,27,000 from Govt sponsored.
Career counseling + activation of Placement cell.	Conducted by placement cell. ICICI Prudential appointed 6 final year students.
Collection of student's feedback system.	Collected

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14. Whether AQAR was placed before statutory body ?	Yes				
<table border="1"> <thead> <tr> <th>Name of Statutory Body</th> <th>Meeting Date</th> </tr> </thead> <tbody> <tr> <td>IQAC</td> <td>01-Dec-2022</td> </tr> </tbody> </table>		Name of Statutory Body	Meeting Date	IQAC	01-Dec-2022
Name of Statutory Body	Meeting Date				
IQAC	01-Dec-2022				
15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	No				
16. Whether institutional data submitted to AISHE:	Yes				
Year of Submission	2019				
Date of Submission	28-Feb-2019				
17. Does the Institution have Management Information System ?	Yes				
If yes, give a brief description and a list of modules currently operational (maximum 500 words)	<p>The Institution has an 'Office Management System' conducted by Cybersoftec.com. related with all kinds of office oriented jobs - Office accounts maintenance, Provident Fund, Form 16, Student's management. The college website www.vidyasagarcollege.edu.in is dynamic. Online admission, registration fees collection done through College and University Portal, through manual Office Management System at the college office operated by Cybersoft.com. The system of e-tendering has been adopted and is in practice through its website and Government tendering portal (https://wbtenders.gov.in/nicgep/app) The College has adopted the systems of PFMS and HRMS. All notices related to admission for subsequent years after admission, examination dates, and student related information are intimated through the college website, which is regularly updated. Examination schedules conducted by the college are intimated through the college website and Notice Boards.</p>				

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Planning and Implementation

1.1.1 – Institution has the mechanism for well planned curriculum delivery and documentation. Explain in 500 words

The institution is affiliated to the University of Calcutta, and has to strictly adhere to the curriculum and co-curricular activity and hence follow guidelines of the University. There is no scope for college towards curriculum planning, except for a few teachers who are members of the Board of studies of the University, who participate in the curriculum development process. In doing so, this institution however follows a set of "distinctive practices", which has been customized concomitant to the available infrastructure in this college. A few features include: 1. The Institution follows a well-structured centralized as well as departmental routine, which targets completion of syllabus and also to adhere to the academic calendar laid down by the University for both forms of syllabus (1+1+1) and CBCS. 2. Maintaining regular attendance of students, teachers and non-teaching staff. 3. Meticulous planning towards minimizing the loss of teaching days. 4. Optimising the use of available classrooms and laboratories, by generating a proper routine for both CBCS and Annual left-over batch. 5. A number of meetings had already been executed with the teachers and they are prepared with the changes in the curriculum as suggested by the University from time to time and also continue with the existing annual syllabus. 6. The institution conducts internal assessment which serves as an effective step towards curriculum delivery and assessment. 7. Departments make reasonable use of ICT to make the teaching-learning process smooth wherever necessary and practicable. 8. Teachers are easily accessible to the students and are ready to mentor even after college hours. 9. Teaching is supplemented with seminars, special lectures, group discussions, study tours and field trips (as per syllabus).

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entrepreneurship	Skill Development
General computer awareness course (for all students)	-	02/01/2004	90	Computer literacy for the certificate courses and skill development for the diploma courses	Yes
CCC	-	02/01/2004	90	Computer literacy for the certificate courses and skill development for the diploma courses	Yes
JAVA	-	02/01/2010	180	Computer literacy for the certificate courses and	Yes

				skill development for the diploma courses	
DOTNET	-	02/01/2015	180	Computer literacy for the certificate courses and skill development for the diploma courses	Yes
C language	-	03/01/2000	180	Computer literacy for the certificate courses and skill development for the diploma courses	Yes
Internet and web-page design	-	02/01/2015	180	Computer literacy for the certificate courses and skill development for the diploma courses	Yes
Multimedia	-	02/01/2015	180	Computer literacy for the certificate courses and skill development for the diploma courses	Yes
-	O Level	02/01/2004	365	Computer literacy for the certificate courses and skill development for the diploma courses	Yes

-	A Level	03/01/2000	545	Computer literacy for the certificate courses and skill development for the diploma courses	Yes
-	PHP	02/01/2015	180	Computer literacy for the certificate courses and skill development for the diploma courses	Yes

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
Nil	NA	Nil
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BA	UG (7 Honours and 2 General)	02/07/2018
BSc	UG (13 Honours and 2 General)	02/07/2018
MSc	PG (2 Courses)	13/08/2018

1.2.3 – Students enrolled in Certificate/ Diploma Courses introduced during the year

	Certificate	Diploma Course
Number of Students	10	11

1.3 – Curriculum Enrichment

1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
Compulsory General Computer Awareness course	02/01/2004	694
CCC	02/01/2004	7
JAVA	02/01/2010	1
C language	03/01/2000	1
PHP	02/01/2015	1

A Level	03/01/2000	6
O Level	02/01/2004	5
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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BSc	Zoology	144
BSc	Botany	100
BSc	Geography	57
BSc	Food & Nutrition	19
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	No
Alumni	Yes
Parents	Yes

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution? (maximum 500 words)

Feedback Obtained
<p>Feedback obtained from the various stakeholders serves as important input for assessing any lacunae and initialising a course of action, to enhance quality initiatives of the institution. Such feedback is collected periodically from students regarding teaching - learning issues, problems if any, from 1:1 interaction or data collection system, if and wherever necessary. Feedback from parents is collected during parent - teacher meetings and are then discussed and analysed in various forums of the college e.g. academic committee etc. Structured feedback is collected on issues like introduction of new curriculum, teaching learning, quality initiatives, infrastructure etc. The collected feedback is then analysed and discussed in IQAC for necessary action under the leadership of the Principal. The relevant resolutions are discussed in the Governing Body's meeting as and when required, for any action to be taken.</p>

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BA	Honours in Arts	589	4780	338
BA	General in Arts	280	2624	105
BSc	Honours in Science	598	10458	393

BSc	General in Science	290	1034	130
MSc	Masters in Science	120	Nil	117
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2.2 – Catering to Student Diversity

2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2018	2733	234	117	0	22

2.3 – Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
117	114	158	4	0	19

[View File of ICT Tools and resources](#)

[View File of E-resources and techniques used](#)

2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

The effective mentoring of students is primarily done by its set of accommodative teachers. The objective of mentoring is to: make them feel at-home and build up their self-confidence. How it is achieved: The fast-learners, slow-learners and first-generation learners are identified by teachers and they try to bridge the gap by providing some extra confidence amidst the slow-learners by providing them with extra classes or providing them extra time beyond the classroom schedule. The institution holds a very commendable position in its affiliating university, with excellent final year result outcome, and this spirit is imbibed amidst the students, so as to make them feel that they too have to keep up the reputation of the institution, and that is possible only through their hard work. This is initiated on the very first day of 'Orientation programme' of students and are continued. Located in a prime urban locality, the institution is established by of the greatest social reformer and educationist through ages, none than the legendary Pundit Ishwar Chandra Vidyasagar. The concept of ENRICHMENT, by building up qualities, to enrich society by the students are thus embedded in the young minds and inspired to feel that their individual performances as well as overall performances of the institution can aim at fulfilling the vision of its founder. To achieve this goal, teachers are always available and contact numbers of teachers are provided to the students so that they can contact them whenever help is needed. Apart from academia, the students are also encouraged to develop extra-curricular skill developing events as well as sports and games and this is done by inspiring them to participate in college fests, departmental reunions, freshers' welcome programmes, sports events and many many more cultural events that happen in the college, apart from the schedule of strictly adhering to the academic calendar.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
2733	117	1 : 23

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned	No. of filled positions	Vacant positions	Positions filled during	No. of faculty with
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positions			the current year	Ph.D
72	65	7	0	44

2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2018	Subhadeep Ganguly	Assistant Professor	Siddhartha Debnath Memorial Award from Physiological Society of India (National Body)
2019	Subhadeep Ganguly	Assistant Professor	Fellow of International College of Nutrition (International Body)
2019	Subhadeep Ganguly	Assistant Professor	Fellow of the Scholars' Academy and Scientific Society (International Body)
2019	Aniket Basu	Assistant Professor	Acted as Referee of Journal: Journal of Modern Optics
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2.5 – Evaluation Process and Reforms

2.5.1 – Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
BSc	BCMA, BOTA, CEMA, CMSA, ECOA, MTMA, PHSA, PHYA, ELTA, ZOOA, BAG, BSCG	SEM I	14/01/2019	25/02/2019
BSc	BCMA, BOTA, CEMA, CMSA, ECOA, MTMA, PHSA, PHYA, ELTA, ZOOA, BAG, BSCG	SEM II	12/07/2019	30/08/2019
BA	BNGA, ENGA, GEOA, HISA, JORA, PHIA,	SEM I	14/01/2019	25/02/2019

	SANA, PLSA			
BA	BNGA, ENGA, GEOA, HISA, JORA, PHIA, SANA, PLSA	SEM II	12/07/2019	30/08/2019
BSc	BCMA, BOTA, CEMA, CMSA, ECOA, MTMA, PHSA, PHYA, ELTA, ZOOA, BAG, BSCG	Part II	26/07/2019	12/09/2019
BA	BNGA, ENGA, GEOA, HISA, JORA, PHIA, SANA, PLSA	Part II	26/07/2019	12/09/2019
BA	BNGA, ENGA, GEOA, HISA, JORA, PHIA, SANA, PLSA	Part III	25/04/2019	26/06/2019
BSc	BCMA, BOTA, CEMA, CMSA, ECOA, MTMA, PHSA, PHYA, ELTA, ZOOA, BAG, BSCG	Part III	25/04/2019	26/06/2019
MSc	Geography, Zoology	SEM I	18/01/2019	18/02/2019
MSc	Geography, Zoology	Sem II	02/07/2018	22/12/2018
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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

Mechanism of the internal assessment: Prior to introduction of CBCS, the Annual evaluation process consisted of class-tests, mid-term tests. Due to Internal Assessment introduced in CBCS, adjustments are done accordingly. The dates of internal assessment/tests are pre scheduled and such dates are usually according to the dates provided in the published academic calendar of the affiliating University and/or if different, notified by serving notices to the students via the Departments. The college has an Examination sub-committee, with teaching, non-teaching and student members, which is actually responsible in conducting the entire examination process of internal evaluation. The job is done in concomitance with the Academic sub-committee. The responsibility of the Examination sub-committee includes, scheduling the dates, notifying Departmental faculty to prepare relevant question papers, collection of such question papers, scheduling the venue of examination for each set of students, prepare an invigilation chart which includes faculty and non-teaching staff, conducting the examination on the scheduled dates. The answer scripts are evaluated by the faculty and each Department submits the marks to the Academic sub-committee, for declaration of results. In the new revised format for CBCS, the marks are directly uploaded in the University portal within the prescribed dates. Teachers later explain to the students about the possible answers and discuss with them on how to improve their grades.

2.5.3 – Academic calendar prepared and adhered for conduct of Examination and other related matters (250 words)

The University of Calcutta publishes Academic Calendar every year which includes date for Admission criteria, commencement of classes, dates for mid-term examination, College test exam dates and dates for the final examination for the prevalent 111 system and for CBCS system which includes date for commencement of classes, dates for Internal Assessment examination (Theoretical/tutorial/practical) and tentative dates for final examination. Under the semester system, the tutorials are to be held during November (for odd semester) and during May (for even semester). Like all other colleges of the affiliating University, this college also strictly adheres to this calendar. For the CBCS system, the attendance record of students is also maintained, which is also included in the Internal Assessment award-list provided in the University portal. A list of holidays and vacations are specified separately by the affiliating University and the Government of West Bengal, and also notified prior to the said days by college served notices. This calendar makes a clear reflection of the time management within a semester/year and lays down an idea about the actual teaching days, the days allotted for examination and in-between gives a scope to conduct any additional remedial classes by Departments or individually by faculty.

2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

https://www.vidyasagarcollege.edu.in/ug_po_pco_co

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
BA	BA	Honours	319	313	98.12
BSc	BSc	Honours	446	424	95.06
BAG	BA	General	198	88	45.1
BSCG	BSc	General	223	172	77.1
PG	MSc	Zoology	64	64	100
PG	MSc	Geography	60	60	100

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2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

https://www.vidyasagarcollege.edu.in/pdf/sss/SSS_2018-2019.pdf

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Resource Mobilization for Research

3.1.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Minor Projects	365	ICSSR	0.5	0.5
Major	1095	WBDST	7.8	7.8

Projects				
Major Projects	1825	CSIR	30	6.95
Major Projects	1825	WBDST	30	Nil
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3.2 – Innovation Ecosystem

3.2.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
Awareness on microbial resistance: A global threat	Department of Zoology	25/05/2019

3.2.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
1st in poster presentation competition	Lopamudra Chatterjee, student of Botany	St Xaviers College, Kolkata	11/10/2018	Poster presentation by students, Department of Microbiology
1st in poster presentation in student competition	Souvik Dey, Computer Science student	LOOP at ENVISION, Ramakrishna Mission	02/07/2018	Poster presentation competition in Computer Science
2nd in Oral presentation competition	Soumam Dutta, Food Nutrition student	Indian Dietetic Association and Kishiswari College, Kolkata	31/07/2018	Oral presentation competition
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3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
NA	NA	NA	NA	NA	Nil
No file uploaded.					

3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
0	0	0

3.3.2 – Ph. Ds awarded during the year (applicable for PG College, Research Center)

Name of the Department	Number of PhD's Awarded
Physiology	1
Botany	1

3.3.3 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)
National	Library, Bengali, Geography, Hindi, History, Physics, Physiology, Zoology, Sanskrit	28	1
International	Library, Botany, Economics, Electronics, Geography, Journalism, Mathematics, Physics, Physiology, Zoology, Sanskrit	39	3.6

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3.3.4 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
Bengali	1
Chemistry	4
Economics	1
Political Science	1
Geography	6
Zoology	1

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3.3.5 – Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Melatonin as an armament against non-steroidal anti-inflammatory drug induced gastric injury: An overview	Pal PK, Bhattacharjee B, Chattopadhyay A, Bandyopadhyay D	Melatonin Research	2019	11	Department of Physiology, Vidyasagar College	7
Melatonin	Ghosh A, Bose G,	Melatonin	2019	7	Department	3

protects against cardiac damage induced by a combination of high fat diet and isoproterenol exacerbated oxidative stress in male Wistar rats	Dey T, Pal PK, Mishra S, Ghosh AK, Chattopadhyay A, Bandyopadhyay D	Research			of Physiology, Vidyasagar College	
Adrenaline induced disruption of endogenous melatonergic system, antioxidant and inflammatory responses in the gastrointestinal tissues of male Wistar rat: an in vitro study	Pal PK, Bhattacharjee B, Ghosh AK, Chattopadhyay A, Bandyopadhyay D	Melatonin Research	2018	11	Department of Physiology, Vidyasagar College	2
Melatonin chelates iron and binds directly with phenylhydrazine to provide protection against phenylhydrazine induced oxidative damage in red blood cells along with	Paul S, Naaz S, Ghosh AK, Mishra S, Chattopadhyay A, Bandyopadhyay D	Melatonin Research	2018	12	Department of Physiology, Vidyasagar College	9

its antioxidant mechanisms: an in vitro study						
Improvement on a mutant strain of Corynebacterium glutamicum for L-Isoleucine production	Subhaeep Ganguly and Ajit Kumar Banik	European Journal of Biomedical and Pharmaceutical Sciences	2018	5	Department of Physiology, Vidyasagar College	5
Random mutational Induction and Selection of high Yielding Strain of Brevibacterium roseum for L-threonine production	Subhadeep Ganguly, Alok Ghosh Chaudhuri, Kunja Bihari Satapathy and Ajit Kumar Banik	Journal of The Indian Chemical Society	2018	0.5	Department of Physiology, Vidyasagar College	2
Enhance Production of L-threonine by an α -diaminopimilic acid and thiamine-HCl dual auxotroph mutant Corynebacterium glutamicum X1870	Subhadeep Ganguly, Alok Ghosh Chaudhuri, Kunja Bihari Satapathy and Ajit Kumar Banik	Journal of The Indian Chemical Society	2018	0.5	Department of Physiology, Vidyasagar College	0
Characterization of the solubilization of Inian rock phosphate by Aspergillus niger AB100 as a function	Runa Ghosh, Subhadeep Ganguly and Ajit Kumar Banik	Journal of The Indian Chemical Society	2018	0.5	Department of Physiology, Vidyasagar College	1

of mineral elements						
Statistical Optimization of the culture conditions for L-glutamic acid production by a mutant <i>Micrococcus glutamicus</i> AB100	Subhadeep Ganguly and A.K. Banik	Journal of The Indian Chemical Society	2018	0.5	Department of Physiology, Vidyasagar College	3
Space-charge solitary waves and double layers in n-type compensated semiconductor quantum plasma	Sreyasi Banerjee	Pramana J of Physics	2018	2	Vidyasagar College	1
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3.3.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
NA	NA	NA	Nil	Nil	Nil	Nil
No file uploaded.						

3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	3	10	9	0
Presented papers	5	5	3	0
Resource persons	1	4	1	0
View File				

3.4 – Extension Activities

3.4.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such	Number of students participated in such

		activities	activities
Cleaning of neighbourhood locality and planting of saplings on World Environment Day	NSS and VC students' Union	2	100
Blood donation camp in collaboration with Life Line Blood Bank, Kolkata	NSS and VC students' Union	5	200
Distribution of clothing before festive season of Durga Puja, in neighbourhood locality	IQAC, VC students' Union	2	530
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3.4.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
NA	NA	NA	Nil
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3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
Radio talk	All India Radio	Radio talk on 'Arthanaitik nirapatta briddhi O Prodhan Mantri Dhan-Jan_Yojna' on 10.07.2018	1	110
Radio talk	All India Radio	'Swachh Bharat Missioner Char Bharat' on 7.08.2018 and repeat telecast on 2.10.2018	1	150
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3.5 – Collaborations

3.5.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
Celebration of Nutrition week in	Students and Teachers of Food &	Vidyasagar College	1

collaboration with "British Biologicals" - A global nutraceutical company	Nutrition Department		
CTS Visiting Scientist at IIT Kharagpur	Dr Srikumar Panda, Department of Mathematics	IIT Kharagpur	365
Part time PG Faculty at Jadavpur university	Dr Ranjit Kumar Shit, Department of Chemistry	Jadavpur University	365
Visiting Professor at University of Calcutta for PG teaching	Dr Sudipa Bandopadhyay, Department of Sanskrit	University of Calcutta	365
Research Collaboration with University of Calcutta	Dr Aindrila Chattopadhyay, Department of Physiology	University of Calcutta	365
Part time PG faculty at Gurudas College, Kolkata	Dr Sanchari Goswami	Gurudas College	365
Part time PG faculty at Gurudas College, Kolkata	Dr Sougata Bhattacharya	Gurudas College	365
PhD work and publication	Ujwal Deep Saha	IISER - Kolkata	365
Collaborative Major Project with Zoological Survey of India	P G Department of Zoology	AICOPTAX Scheme of MoEF CC, Govt of India, Ref: 22018/04/2015	90
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3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
Research	Exploring the anti-oxidative efficacy of oleic acid against phenylhydrazine induced oxidative stress mediated	Rajabazar Science College, University of Calcutta, Kolkata	Nil	Nil	Dr Aindrila Chattopadhyay

	damage to goat red blood cell: a molecular approach				
Research	All India Co-ordinated project on Zygentoma (Thysanura): Apterygota: Insecta	Zoological Survey of India, Kolkata	Nil	Nil	D Jana Dr Asish Kumar Hazra
Sharing of teaching and Lab facility	General course (Theory/Practical) offered to the honors students of Department of Library Information Science, University of Calcutta as per 2016 (111, 2009 system) Zoology General syllabus.	University of Calcutta Department of Library and Information Science	Nil	Nil	Dr. Arabinda Maity

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3.5.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
HULADEK recycling Pvt. Ltd, Howrah	07/12/2015	e-waste handling of Computers IT items disposal from campus upto 115.5 kgs.	Nil
Vidyasagar College Computer Centre, under Institute of Computer Engineers (India)	19/07/1994	Teaching computer applications via Certificate and Diploma courses to students	715

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CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
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2500000

2893889

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Class rooms	Existing
Laboratories	Existing
Seminar Halls	Existing
Classrooms with LCD facilities	Existing
Seminar halls with ICT facilities	Existing
Video Centre	Existing
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4.2 – Library as a Learning Resource

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
New GenLib software developed by Verus Solution Pvt. Ltd	Fully	Helium 3.1.5	2016

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	39183	3830144	23	1188	39206	3831332
Reference Books	4581	823348	11	396	4592	823744
e-Books	3135809	12392	0	12392	3135809	24784
Journals	13676	128002	0	0	13676	128002
e-Journals	6000	40900	0	0	6000	40900
Digital Database	30845	0	699	0	31544	0
CD & Video	213	0	7	0	220	0
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4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
NA	NA	NA	Null
No file uploaded.			

4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/GBPS)	Others
Existing	116	7	2	0	1	8	108	60	0
Added	0	0	0	0	0	0	0	0	0
Total	116	7	2	0	1	8	108	60	0

4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

60 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
Video, media centre and recording facility by Department of Journalism	https://www.facebook.com/profile.php?id=100057459039648&mibextid=ZbWKwL.s

4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
2000000	2322351	500000	571538

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

The college management augments proper maintenance of its academic and physical infrastructures. Steps in practice include: The college remains up-to-date and ensures availability of equipment and instruments required even by the latest modified syllabus of its affiliating university. For this Departments are requested to put forward their requirements as demanded in the syllabus and purchases are made accordingly, using the standard protocols and procedures laid down by the Finance Committee. For maintenance of such items, AMC are done if required/servicing done by competitive companies or companies of make. Maintenance and up-keep of laboratories and all learning infrastructure are done by non-teaching and support staff, under guidance from the teaching staff Day-to-day cleaning and maintenance of class rooms and related infrastructure are ensured by the support cleaning staff. Library has a clear set of rules, framed in the college website under the library domain [www.vidyasagarcollege.edu.in/ug-services]. All computers in the college are covered under AMC with Technocom. Equipment like generator, air conditioners, water purifiers are covered under AMC with appropriate agencies. AMC is also made with Cybersoftec.com for student and office Management system and Astra Infotech for updating websites. For all the outsourcing done as per requirement, the choice of vendors is made through e-tendering, if any when required and otherwise standard procedure is followed for small investments.

<https://www.vidyasagarcollege.edu.in/pdf/policies.pdf>

CRITERION V – STUDENT SUPPORT AND PROGRESSION**5.1 – Student Support**

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	Prizes and awards and Vidyasagar College poor and meritorious Fund	91	33838
Financial Support from Other Sources			
a) National	Kanyasree and Swami Vivekananda Memorial Fund	252	4727000
b) International	NA	Nil	Nil
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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
General Computer Awareness programme	02/01/2004	694	Vidyasagar College Computer Centre
Physical Fitness training (Instructed by female fitness and Gym instructor)	01/07/2014	200	Gymnasium at Vidyasagar college
Gym (Instructed by female fitness and Gym instructor)	01/07/2014	200	Gymnasium at Vidyasagar college
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5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
Nil	NA	Nil	Nil	Nil	Nil
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5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
0	0	10

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
ICICI Prudential Life Insurance	50	6	Nil	0	0
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5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
2019	115	B Sc	Chemistry, Biochemistry, Comp Science, Food Nutrition, Physiology, Botany, Zoology, Electronics	Different Universities, IITs, Institutes	MSc, MCA, B Tech
2019	5	B Sc	Mathematics, Biochemistry	Different Universities, IITs, Institutes	Ph D
2019	47	B A	Philosophy, Journalism, Sanskrit	Different Universities	M A
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5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
NET	13
Any Other	2
GATE	2
SET	1
No file uploaded.	

5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
Annual Sports	College	200
Celebration of Independence Day	College	150

Freshers' Welcome by College (BARAN) and individually all Departments	College	2000
College Social (UTSAV)	College	2500
Teachers' Day celebration by College and individually by all Departments	College	150
Celebration of Saraswati Puja	College	1000
Celebration of World Philosophy Day	College	60
Celebration of National Science Day on 28th February every year	College	200
Annual Day of College	College	700
Sharod Utsav and Basanta Utsav	College	1400
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5.3 – Student Participation and Activities

5.3.1 – Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one)

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2019	Techno Anakronas 19 winner	National	Nil	1	NA	Trisha Ghosh (Journalism)
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5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

The College has a students' Council, namely Vidyasagar College Students Union (VCSU). Activities of the VCSU are multifarious and range within academic, cultural, developmental, social and cultural benefits of all sections of the students, and hence imparting contribution towards the institution. The General Secretary (GS) of VCSU is an ex-officio member of the highest body of the college - Governing Body (GB) and also the IQAC Committee. GS and/or other members from the student community are representatives of various committees and sub-committees of the college, except participation in purchase and examination sub-committee. VCSU assists in academic processes of the institution and looks after the overall welfare of the students. They give views about any problems faced by the student community so that the management can focus on such issues. They assist the institution to track and recommend needy students eligible for endowments and free-ships, through their band of class representatives, in conjunction with Students' Welfare sub-committee of the college. They organize the following activities: 1. Students' Freshers, Annual Social function (Fest), Teachers' Day celebration, Student Picnic etc. 2. Sports and recreational facilities including indoor games tournaments (Carrom, Table tennis) and outdoor sports activities (Intra-college). 3. Cultural events and competitions (Intra-college). 4. Celebration of

Independence Day, Saraswati Puja, Rabindra Jayanti, Death Anniversary of the founder etc. 5. Arrange for Blood Donation Camps every year, to enrich the Blood Banks in Kolkata. They also participate in: 6. Distribution of clothes among local poor and economically backward regions of Sunderbans, West Bengal/ local distribution prior to the festive season. 7. Cultural events of the Annual Day Celebration of the college, in commemoration of the Birth Anniversary of the founder, guided by and in association with teachers and Cultural sub-committee of the college. 8. Many students also participate in outdoor sports competition, events (Intra-college, Inter-college) and many represent the Sports team of University of Calcutta as well as events at the State and National level. 9. The College NSS team functions as per the CU guidelines. As at present there is no NCC unit in the College, many students have taken up NCC directly. Inter-college sports and games competitions organized by CU and Higher Education Department.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

Vidyasagar College is a very old Institution, dating from 1872 and has a very rich list of luminaries, who have been Alumnus of this Institution: Sir Acharya Prafulla Chandra Ray (Eminent scientist), Professor Santi Ranjan Palit (eminent Chemist), Professor Manindra Mohan Chakraborty (Ex-Vice Chancellor, Jadavpur University), Professor Santosh Kumar Bhattacharya (Ex-Vice Chancellor, University of Calcutta), Dr Nilratan Sarkar (Doctor Ex-VC, University of Calcutta) a a few to name. Two more separate colleges, namely Vidyasagar College for Women and Vidyasagar Evening College emerged from this age old institution and share the same comme building premises. Vidyasagar College has thus 2 Alumni Associations: A. "Vidyasagar College Former Students' Association", established in 1991, vide Registration Number: S/92086 of 98 - 99, for all 3 colleges in the Vidyasagar Group of Colleges. B. Vidyasagar College Alumni Association, named "Praktani", bearing Registration Number: S/IL/86112/2011-2012. It is also connected to social media, via Facebook account 'Vidyasagar College Day Kolkata Praktani'. Both Alumni are structured and strive towards better functioning of the college. Inputs are taken on the welfare and development of the college from the alumni associations and changes are brought about, following proper discussions. Annual/bi-annual meetings are held enhancing friendship and loyalty for the college. The main initiatives of the two associations are maintaining contact of the present student representations with former students, many of whom are renowned dignitaries, hence creating a common platform, so that their valuable suggestions can motivate students in their different walks in life. Retired faculty members are also invited to different college functions and events and their suggestions are also taken. Many Departments have their own Alumni, comprising of recent pass-out students, many of them have established their success, who impart suggestions to the present students, hence serving as a part of career-counselling. This helps in betterment of present students. Such Departments organize Alumni Meet programmes.

5.4.2 – No. of enrolled Alumni:

2300

5.4.3 – Alumni contribution during the year (in Rupees) :

0

5.4.4 – Meetings/activities organized by Alumni Association :

A. "Vidyasagar College Former Students' Association" 1 . Books, copies, pens,

pencils etc. were distributed among poor and meritorious students who wanted to continue their studies. 2 . Some of the final year students were selected and trained for job oriented examinations. This was a two month programme and students attended classes one day per week. 3 . A picnic was arranged on 7th January, 2019 at Bamanghata of South 24 parganas where many members were present along with their family, exchanging views.

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

(A): The management of the Institution practices decentralisation of the policies or decisions adopted by involving all teachers and non-teaching staff. Such participatory support in almost all aspects of Governance is inculcated by formation of various committees and sub-committees, each such committee again having teaching, non-teaching as well as student representations wherever possible. CBCS system under the Semester system, by the affiliating University of Calcutta, was initiated in 2018. At the same time the Annual 111 system was also in continuance. Hence a lot of changes had to be implemented to cope up with the different batches of fresh students under CBCS and 2 years of students in the 111 system resulting from this transition. Major changes that were demanding, were change in the Academic Calendar, change in the Master Routine pattern, additional Practical classes for almost each and every Science subject for both system of study and Tutorial classes for the Humanities subjects to be included in the CBCS curriculum. A major change was also required in the Examination and Evaluation process also, arranging for Bi-annual Semester system and remaining tests, mid-term tests of Annual system. For this process, the Head of the Institution met with the teachers and staff at regular intervals, to take updates about the implementation processes. In concomitance with the resolutions taken at the Apex Body of the Institution - 'The governing Body', the Academic committee, Routine sub-Committee, Examination sub-Committee were given the responsibility to make the necessary changes. Suggestions from different such committees were also asked and the suggestions were implemented.

Such decentralisation of responsibility had helped such an Institution, catering to 22 Honours subjects at the under-graduate level and 2 Post Graduate subjects, to adapt with the new curriculum very smoothly. The IQAC also played a vital role in such management: 1. IQAC met the students at regular intervals in their classroom and made them aware of the new curriculum, marks allocation, attendance system, tutorials, choice of curriculum (SEC, DSE) etc. Feedback was obtained orally from the students at the beginning of implementation of the syllabus as well regarding teaching-learning evaluation. This practice has greatly benefited the institution in de-centralising the participation of all stakeholders. 2. IQAC met the teachers frequently and appraised them about changes in the evaluation pattern, since all students were used to the Annual form of examination, hence emphasized on student - centred learning. 3.

Feedback from teachers were also collected about the difficulties faced in delivery of the curriculum, which were further communicated to the University through the BOS members present in the Institution. 4. Faculty were also encouraged to participate in the different workshops arranged by different forums related to the restructured curriculum. 5. IQAC met the administrative staff to cope up with the CBCS related changes in regular uploading of marks and to cope up with the ever-increasing workload as and when required. (B) Successful implementation of e-governance is also an example of decentralised and participative management. Principal entrusts appropriate members to receive training on e-governance portals like HRMS, PFMS, e-tendering, University marks uploading system, GST etc. as and when required.

6.1.2 – Does the institution have a Management Information System (MIS)?

Partial

6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
Admission of Students	<p>Online admission procedure is followed in the college. Eligibility criteria of the University and reservation policy of the Govt. and University are strictly followed. Admission Notice with criteria of admission is available in the Website as well as in the Prospectus of the college. 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 for different subjects. Reservation for sports personnel is also taken into consideration as per University guidelines. Fee structure is also available on the website for each and every subject combination. The final merit list which is generated by an automated computerized system is published and displayed in the Website for the applicants. There is scope of rectification if any kind of error is found in the merit list. Students are invited to appear in the counselling session conducted by the respective Departments. Counselling process continues (three to four times) until the total number of seats are filled up.</p>
Library, ICT and Physical Infrastructure / Instrumentation	<p>Library is fully automated using Newgenlib software developed by Verus Solution Pvt. Ltd and using its own blog: https://vclibrary.wordpress.com/ to reach its users and utilise maximum benefit from National Digital Library of India. An effective library sub-committee monitors the overall development and smooth functioning of the library. The library is well-stocked with an ample collection of reference books, journals, magazines, newspapers etc. Online journals and e-books are accessible for all users using N-LIST. These help the students and faculty members to keep themselves updated with the latest developments in the field of knowledge and education. There are 6 computers for ready use by</p>

the students. Educational DVDs and e-journals are also available. The library has a subscription to INFLIBNET which enables access to electronic resources. Barcode label for newly added books, computerised issue and return of books, computerised membership Card is available. There exists access to Central library at 2nd campus and Post Graduate Library at 3rd campus of the college including texts, references and journals (n-list and e-types). The Central Library also possesses some rare and unavailable precious collections of Bengali and English Literatures along with an original manuscript (more than 80 years old - handwritten document). Apart from that each undergraduate department has an enriched Seminar Library through which a student can access some referrals. Teachers occasionally donate books for inquisitive students. Students may post their suggestions in the library blog. They may also meet the librarian for their suggestions and grievances. A suggestion box has been placed at the library entrance where students and teachers can drop their written views and this is analysed by the library committee for necessary actions in the concerned matter. Air-conditioned archive is under use to preserve the rare documents Modern Xerox machine in the library (Canon Image runner 2202N) launched recently. Computers are available in the e-zone of the central library to access online journals, offline databases and question papers.

Examination and Evaluation

Class Tests are often conducted by the faculties for better assessment of students. Routine tests for Mid-term tests, Tests and Internal Assessment are taken regularly. 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, and collaborate with external reputed academic research institutions. Impetus is being inculcated among the rudimentary semester students with reference to thesis dissertation presented by the 4th semester PG students. The authority of University of Calcutta had undertaken effective planning as per

UGC guidelines towards examination reforms during 2017-18. It has gone through a series of dialogues, discourses and subject wise workshops under the mentoring of the Board of studies. Half yearly semester system in CBCS mode with due emphasis on marks distribution for attendance, internal assessment and short answer type questions.

Teaching and Learning

Slow learners and first-generation learners are identified after assessment of each of the college and University examinations. Their shortcomings are addressed accordingly through remedial classes and personal nurturing. 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, based on a standardized evaluation system. 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, IEST, BHU and other Universities. Educational excursions are held for curriculum-based knowledge boosting through remote surveys related to geographical, zoological, botanical, historical and economic stand points. This helps improve teacher student relationships and track the students' progression. The expenses involved are subsidised partly by the college. 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. Parents cooperation is commendable. Third year students are encouraged to deliver departmental seminar lectures to inculcate self confidence in facing interview experts and improve speaking skill in addressing before a learned audience. Departmental teachers take initiative as mentors to engage students in doing project work. Organising college level and state level seminars to create great impact among the students in empowering them to flourish in the pursuit of research career during higher studies. Departmental teachers exercise their observations to track

	students' progression and offer suggestions in the T.C. meetings and forward the relevant decisions to the College Governing Body. Students get stimulation from the departmental teachers to undertake research work in reputed institutions. 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
Research and Development	Research activities are encouraged for Faculty are encouraged, either with the University or other availability.
Human Resource Management	Faculty are encouraged to participate in Faculty Development programmes, workshops and short-term courses and skill-development programmes for the non-teaching administrative staff.

6.2.2 – Implementation of e-governance in areas of operations:

E-governance area	Details
Planning and Development	SMS gateway, College Website
Administration	NIL
Finance and Accounts	Payment of Salary through WBIFMS initiated PFMS: for purchase from MHRD funds Web tendering process initiated Online collection of fees
Student Admission and Support	Done through the Management Information system using an outsourcing agent namely Cybersoft.com .
Examination	Submission of examination fees and all other university related information for examination done using affiliating university portal: cuexam.net.

6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2018	NA	Nil	Nil	Nil
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6.3.2 – Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

Year	Title of the professional development	Title of the administrative training	From date	To Date	Number of participants (Teaching)	Number of participants (non-teaching)
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	programme organised for teaching staff	programme organised for non-teaching staff			staff)	staff)
Nil	NIL	Nil	Nil	Nil	Nil	Nil
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6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
Refresher Course, UGC-HRDC, Jadavpur University	1	04/09/2018	25/09/2018	21
Orientation Programme, UGC-HRDC, Jadavpur University	1	04/09/2018	01/10/2018	28
37th Orientation programme, UGC-HRDC, Sambalpur University	1	22/11/2018	19/12/2018	28
Winter School under Refresher Course, UGC-HRDC, Jadavpur University	1	02/01/2019	22/01/2019	21
Orientation Programme, UGC-HRDC, University of Calcuttal	1	04/09/2018	03/10/2018	28
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
0	0	0	0

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
GIS (Group Insurance) and Vidyasagar College Co-operative Society	GIS (Group Insurance) , Vidyasagar College Co-operative Society, ESI (Employees State Insurance and EPF (Employees' Provident Fund)	Financial support from Institution, Financial support from Government and Financial Support from other sources, many students are recipients of the INSPIRE fellowship, individually

6.4 – Financial Management and Resource Mobilization

6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

The Institution conducts internal audits of the internal accounts, in concordance with the Finance committee decisions. External or Government audits are conducted by auditors appointed by the Higher Education Department, and are done only when the Government fixes the schedule.

6.4.2 – Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year(not covered in Criterion III)

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
NIL	Nil	Nil
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6.4.3 – Total corpus fund generated

0

6.5 – Internal Quality Assurance System

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	No	Nil	Yes	All heads of Departments of UG and PG – Decisions taken from time to time regarding the functioning of college academics, routine set-up, setting up examination schedule (IA, Tutorial and Mid-term and test examinations)
Administrative	Yes	External Members of Governing Body	No	Nil

6.5.2 – Activities and support from the Parent – Teacher Association (at least three)

Every year the Academic Committee of the college announces about Parent – Teacher Meeting which is being conducted by different departments within a specified time period. All the departments hence organise Parent – Teacher Meeting where parents get feedback about the performance of their wards. Parents are used to offering suggestions regarding inconveniences faced by their wards. They are addressed and acted upon in different forums.

6.5.3 – Development programmes for support staff (at least three)

1. Training provided to support staff of Accounts department for proficiency in HRMS systems of West Bengal and PFMS of the Government of India. 2. Computer

training and assistance in uploading of marks in University of Calcutta portal.
3. Dealing with Govt. sponsored programmes like Kanyasree Swami Vivekananda scholarship programmes.

6.5.4 – Post Accreditation initiative(s) (mention at least three)

1. Modernisation of the classrooms, Seminar Hall, Office and Laboratories. 2. Addition of Laboratories for research facility at the 3rd Campus in Salt Lake.
3. Revamping the complete on-line admission procedures as per affiliating University protocols.

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b) Participation in NIRF	No
c) ISO certification	No
d) NBA or any other quality audit	No

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2018	Conducting Seminars	01/06/2018	01/06/2018	31/05/2019	400
2018	Field Work	01/06/2018	01/06/2018	31/05/2019	440
2018	Blood Donation Camp	11/09/2018	11/09/2018	11/09/2018	200
2018	Independence Day Celebration	15/08/2018	15/08/2018	15/08/2018	150
2018	Annual Day and Prize Distribution Ceremony	29/09/2018	29/09/2018	29/09/2018	700
2018	Lab Journal Publication	29/09/2018	29/09/2018	29/09/2018	30

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CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
NA	Nil	Nil	Nil	Nil

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources

1. Identification of College campus as a plastic-use-free zone. 2. Using

alternative energy resources by setting up a roof-top solar panel, which minimises electricity charges to some extent at 2nd campus. 3. Reduction of electrical energy usage from power grid by using star-rated electrical gadgets wherever possible and increasing use of LED, CFL bulbs and fixtures. 4. Rain harvesting method initiated as a part of conservation of water. 5. Increasing plantation as much as possible, though restricted due to campuses being situated in urban zones.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Scribes for examination	Yes	2
Ramp/Rails	Yes	4
Physical facilities	Yes	2
Provision for lift	Yes	0
Braille Software/facilities	No	0
Special skill development for differently abled students	No	0
Any other similar facility	Yes	0

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2018	1	1	10/10/2018	1	'Bastrabitaran among street dwellers	Distribution of clothes among poor people of the locality	30
2018	1	1	14/08/2018	1	Campus Cleaning	Cleaning of campus and a part of locality, prior to Independence Day	75

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7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
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Code of conduct	15/07/2017	Code of conduct for students uploaded in website of college. Previously it was published in the Prospectus, published every year prior to admission.
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7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
'BARAN' (Freshers' Welcome) organized by VCSU	14/09/2018	14/09/2018	2000
'UTSAV' (Social) organized by VCSU	21/01/2019	22/01/2019	2500
Celebration of Independence Day.	15/08/2018	15/08/2018	150
Celebration of Saraswati puja	10/02/2019	11/02/2019	1000
Celebration of Rabindra Jayanti	09/05/2019	09/05/2019	40
Celebration of Teachers' Day	05/09/2018	05/09/2018	150
Death Anniversary of Vidyasagar	29/07/2018	29/07/2018	30
Celebration of Sharod Utsav	10/10/2018	10/10/2018	850
Celebration of Basanta Utsav	18/03/2019	18/03/2019	550
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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

1. Solar energy use 2. Rain water harvesting 3. Making the campus a plastic-free zone 4. Reduction of use of paper by embracing e-governance as much as practicable.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Best Practice 1: Decentralizing and Spawning Benevolent Participatory Management from all Sections: Objective / Goal: To involve all three sections of the College - the faculty, the non - teaching staff and the students in decision making and implementation, acknowledge their contribution and evolve an atmosphere of participatory management towards overall betterment of the College. **Need Addressed and the Context:** To create a liaison between all the three sections and stakeholders of the College towards formulating need analysis, policy decision, effective implementation of action plans and thereby developing a conducive environment for harmonious administration. **The Practice:** The functioning of all affiliated colleges under the University of Calcutta are guided by the Statute of the University, West Bengal Higher Education Act The West Bengal Universities and Colleges act. As per statute, the constitution of the highest body - the Governing Body (GB) is advocated to consist of a

President, Principal (Secretary), 4 teaching members, 2 non-teaching members, 1 State Government nominee, 1 University nominee. GB may appoint different committees and sub-committees including teacher representations for the smooth functioning of the College. The constitution of the GB of Vidyasagar College is endorsed as per the guidelines framed by the Affiliating University, and performs its function in the best possible and befitting manner. Realizing the importance of the presence of all three sections of human resources in the GB, the management mobilizes the same plan for all functional bodies/ committees / sub-committees of the College. In order to promote a culture of participative management, all committees and sub-committees that monitor constructive development and functioning of the College are constituted involving teaching members, non-teaching members and the primary stakeholders (the students) so that each section can provide active participation in all decision-making processes and proper persuasions of the same. The various administrative and academic bodies comprise the following: (i) Governing Body (The Statutory Body) (ii) Teachers' Council (A Statutory Body) (iii) Shiksha Karmi Union (A Statutory Body) (iv) Students' Union (V) Finance Committee (A Statutory Body), Chaired by Principal (Vi) Purchase Committee (Vii) Building Committee (Viii) Sports Committee (ix) Election Commission for Students' Union election (X) Various sub-committees set up by the Teachers' Council, underwritten by the principal, which include the following : Academic sub-committee Admission sub-committee Examination sub-committee Routine sub-committee Library sub-committee Students' Welfare sub-committee Prize and Award sub-committee Magazine sub-committee NSS sub-committee SC/ST Cell Grievance Cell Career counseling and Placement Cell There are other sub-committees for teachers (Cultural/Farewell, T.C. Journal Tour sub-committee) Each of the sub-committees written above, have 2 or 3 non-teaching and 1 student representations apart from teacher member representations, each being headed by the Principal. Student representations are not present in purchase and examination sub-committees. Representations from all three sections make the administration widely decentralized. Quarterly meetings are held in general by all sub-committees and all teacher members, educational employees and student representatives can participate in all the agenda discussed in the meetings, share their views, perform need - analysis and formulate action plans. The president of the Students' Union is a faculty member, nominated by the Principal, who monitors all the cultural, social and recreational activities performed by the Students Union. Since students' members are representatives of all Bodies of the College, are taking part in all decision-making processes and in turn fostering their active participation and obliging their valued views, strengthen their self-confidence and managerial skills. Any issues related to their problems can be addressed at all spheres. Advocating the inclusion of non-teaching representatives and supportive staff in the process of making action plans, incorporating them towards execution of strategic plans, helps them to provide a better and need-based technical support. Being able to shoulder their responsibility in all areas, improves their efficiency in discharging their responsibilities - thus creating a cordial atmosphere between all sections of the College. Evidence of Success: Efficiency of administration improves due to motivation and involvement of the main constituent Human Resources within the College. Each member feels proud for any good achievement of the College, being a part of the Institution. Problems Encountered and Resources Required: Various problems are encountered (mainly internal and few external), but they are meted out in a congenial manner with help from all above-mentioned quarters. Various resources, which are required, are mainly based on student intake and the demand is increasing day by day. Infrastructural development is required which requires both finance and space. However, within the present infrastructure these problems are meted out with possible adjustments.. Name of institution: Vidyasagar College, Kolkata City: Kolkata Pin Code: 700 006 Accredited status: Accredited with second cycle Work Phone: 033 2241 4447 Website:

<https://www.vidyasagarcollege.edu.in> email: gautamkundu.58@gmail.com mobile no: 9433288059 Best Practice 2 Congenial Atmosphere and Supports Provided to Meritorious Students from Economically Backward Sections, Girl students and First-generation learners: Objective/Goal: Catering a congenial atmosphere of learning to attract a pool of poor and meritorious students from economically backward and deprived sections, girl students and family of first-generation learners, locate them and provide them with possible support and progress them towards better sustenance. Need Addressed and the Context: Pundit Iswarchandra Vidyasagar, the philanthropic social reformer and founder of this College had the foremost mission to popularize education among all sections of the society - in particular women and the deprived community. Keeping in mind the vision of this dignitary, the College continues to provide the greatest possible opportunity and quality education to the members of disadvantaged communities, concomitantly with its advantaged counterparts - for progressing towards higher education. The goal is to bring out a larger generation of learners with truly illuminated minds and add to the pool of educated humane of the society. The practice: The admission of this College is a very transparent on - line process, purely based on a merit list. Among the students admitted every year, about 40 of the students come from rural, rural-urban and backward areas of West Bengal. To promote the academics and cater to the financial constraints of the needy students, the College has provisions of financial assistance for the financially handicapped but meritorious students from Students' Aid Fund, funds for many of which are raised from fixed deposit income made possible against donations received by College from Governmental Initiatives like Kanyasree, Aikyasree, National Scholarships, and also from other valued donors. College has provisions for the following: Total free studentship and assistance for the financially handicapped but meritorious students from ?Students 'Aid Fund?, funds for many of which are raised from fixed deposit income, made possible against donations received by college from valued donors. Half free studentship. SC/ST Cell provides statutory educational facilities to the SC/ST students. Health check-ups from the Health Centre, University Health Centre in close proximity and Student Health Home. Railway concessions facilities are provided to students in general. Special railway concessions are provided to financially weak students for their compulsory field trips. College provides financial help to financially weak students for their course related compulsory field trips. There is a students' canteen which enjoys subsidy from the College, hence can provide food to students at a subsidized rate. There is a huge stock of textbooks in the library, and students are lent 2 books at a time. Reprographic facilities are available at the library. Most of the Departments have their own seminar library, with text books and reference books and all students can take advantage of this facility. Students can avail stationary items from the College Cheap-store at reduced price. College encourages and functions to help students in the process of getting fellowships meant for the financially weak students by the Social Welfare Departments under Govt. of India and the State Government. Many faculties personally provide financial help to such students when they come to know about such a need. Usually, Notices are walled up on Notice Boards and circulated in all classrooms regarding initiation of all such fellowships/scholarships/endowments/railway concessions. Applications are sought from students. They are then analysed by the respective committee and the students are intimated and asked to make use of the opportunity. Evidence of Success: A large section of such students has successfully completed their courses, drop-outs lessened and have been able to progress to higher studies. Problems Encountered and Resources Required: Addressing such a great initiative, encounters a lot of problems, the main problem is tackling the substantial number of such students with economic background, but faculty help in screening out the more needy students, to make them avail the best possible help that can be provided. Name of institution: Vidyasagar College, Kolkata

City: Kolkata Pin Code: 700 006 Accredited status: Accredited with second cycle
Work Phone: 033 2241 4447 Website: <https://www.vidyasagarcollege.edu.in> email:
gautamkundu.58@gmail.com mobile no: 9433288059

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

https://www.vidyasagarcollege.edu.in/pdf/quality_initiatives/best_practices_of_college.pdf

7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

DISTINCTIVENESS OF INSTITUTION The genesis of Vidyasagar College is a momentous and happy event in the national history of India, as its parturition midwife by none other than Pundit Ishwar Chandra Vidyasagar – the torch bearer of Indian Renaissance, took place in 1872. 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 – the first attempt to free ourselves, in thought and practice, the first cry of freedom. In accordance with the ideals set by Pundit and following the motto of knowledge, sacrifice and service, the college aims to provide the best education possible to students coming from diverse background. As the founder sought to promote higher education as a part of his social reform program, the college continues to provide special welfare and aid to backward and deprived sections of the society. The students are exposed to structured learning through the college curriculum. They are offered guidance and suggestions to help them solve problems and are 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. The foremost mission of the college is to unite inquisitiveness and religious search for perfection in the realm of knowledge, with tenderness and sympathetic warmth of the Indian heart. 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 competence amongst students. It caters its human and other resources to the backward and the underprivileged communities as well as advantaged regions of the society. The college endeavors 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 organisations and to create a well balanced program of actual human resource development, deploying social justice and ensuring equal opportunities among students.

Provide the weblink of the institution

https://www.vidyasagarcollege.edu.in/pdf/quality_initiatives/distinctiveness_of_institution.pdf

8.Future Plans of Actions for Next Academic Year

8. Future Plan: 1. RUSA 2.0 funding has been sanctioned by the West Bengal State Council of Higher Education, hence for proper implementation of the Scheme, meticulous planning is to be made for proper utilisation of the money under the different heads for which the money has been disbursed. a. Creation of new facilities: Laboratories, Classrooms ICT enabled, toilets. b. Renovation of existing facilities: Academic and administrative infrastructure, classrooms, library, laboratories, toilets etc. c. Procurement of new equipments: Laboratory equipments, computers, e-books and journals, books. 2. Purchase of more text and

reference books for the newly introduced CBCS courses for all the Departments. 3. IT training for staff etc. will be encouraged. Installation of multi user Tally software in office for student management system. 4. Completion of setting up e-library with digitization of database of the library along with INFLIBNET and bar-coding system of the entire books in library. 5. More computers will be provided to the Departments which have use of computers as per the new CBCS syllabus from the sanctioned RUSA 2.0 grant. 6. Expansion of Wi-fi coverage 7. Immediate and also planned procurement of necessary instruments for the laboratories of different lab-based departments to cope with new recently introduced CBCS syllabus 8. Provision of more smart class rooms for both PG and UG courses. 9. Initiatives to be taken for filling up the vacant substantive posts for both teaching and non-teaching staff. 10. More workshops and seminars to be organized on teaching-learning and research for the enrichment of the faculty members. 11. Academic audit, performance appraisal, students feedback survey to be carried out to enrich the academic environment of the institution. 12. More faculty development programmes on academia and on soft skill development and enhancement of ICT skills to be carried out. 13. Faculty members need to be encouraged to carry out research programmes and publish papers and present papers in different state/ national and international level seminars. They will also be encouraged towards publishing books, conference proceedings etc. 14. Activities like exchange programmes, campus publications, study tours and field trips. 15. Encourage students to participate in a variety of programmes, which encourage fostering ethical values and promote culture. 16. Encourage students also to participate in various academic seminars/competitions, inter-college sports and cultural activities and competitions.