



Yearly Status Report - 2019-2020

Part A

Data of the Institution

Part A	
Data of the Institution	
1. Name of the Institution	VIVEKANANDA MAHAVIDYALAYA, BURDWAN
Name of the head of the Institution	Dr. SIBAPRASAD RUDRA
Designation	Principal
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	03422541208
Mobile no.	9433412008
Registered Email	vmprincipal2012@gmail.com
Alternate Email	sibaprasadrudra@vmbdn.ac.in
Address	SRIPALLY, PURBA BARDHAMAN, WEST BENGAL, INDIA
City/Town	PURBA BARDHAMAN
State/UT	West Bengal
Pincode	713103

2. Institutional Status																			
Affiliated / Constituent			Affiliated																
Type of Institution			Co-education																
Location			Semi-urban																
Financial Status			state																
Name of the IQAC co-ordinator/Director			Animesh Debnath																
Phone no/Alternate Phone no.			03422541208																
Mobile no.			7908080655																
Registered Email			amaldadu201415@gmail.com																
Alternate Email			animeshdebnath@vmbdn.ac.in																
3. Website Address																			
Web-link of the AQAR: (Previous Academic Year)			https://www.vmbdn.in/images/uploads/6198d3654d9ec_aqar_report%202018-19.pdf																
4. Whether Academic Calendar prepared during the year			Yes																
if yes,whether it is uploaded in the institutional website: Weblink :			https://www.vmbdn.in/images/uploads/Academic%20Calendar.pdf																
5. Accrediation Details																			
<table border="1"> <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> <tr> <td>2</td> <td>B+</td> <td>2.51</td> <td>2016</td> <td>05-Nov-2016</td> <td>05-Nov-2021</td> </tr> </table>						Cycle	Grade	CGPA	Year of Accrediation	Validity		Period From	Period To	2	B+	2.51	2016	05-Nov-2016	05-Nov-2021
Cycle	Grade	CGPA	Year of Accrediation	Validity															
				Period From	Period To														
2	B+	2.51	2016	05-Nov-2016	05-Nov-2021														
6. Date of Establishment of IQAC			12-Feb-2002																
7. Internal Quality Assurance System																			
<table border="1"> <tr> <th colspan="3">Quality initiatives by IQAC during the year for promoting quality culture</th> </tr> <tr> <th>Item /Title of the quality initiative by IQAC</th> <th>Date & Duration</th> <th>Number of participants/ beneficiaries</th> </tr> <tr> <td>Mental Health Awariness</td> <td>10-Jan-2020</td> <td>82</td> </tr> </table>						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	Mental Health Awariness	10-Jan-2020	82					
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Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries																	
Mental Health Awariness	10-Jan-2020	82																	

Programme	1	
Tree plantation Program	01-Aug-2019 1	72
seminar on the Relevance of Maharshee Vidyasagar	10-Sep-2019 1	120
View File		

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
institution	RUSA 2.0	UGC	2020 3	20000000
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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)

Ø The IQAC closely monitored the functioning of college authority and helped the administration through valuable suggestions and active cooperation to maintain the overall quality of education in the institution i. Quality Benchmarks for Academic Administrative Activities for the year 2019 2020 submitted to Principal's Office in June 2020. ii. PBAS forms submitted to by senior college staff members were assessed on and submitted to Principal's Office on 20th OCT 2019. NINE teaching staff have been promoted to upgraded stage. iii. Criteriawise lists of documents to maintain record is under preparation. iv. Initiated to prepare a semester exam wise academic calendar for the academic session 2019 2020. v. The IQAC has been taken initiative to run the online student feedback.

[View File](#)

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	Achievements/Outcomes
<ul style="list-style-type: none"> • Objection/suggestions by the NAAC visit cycle 2 about Drinking water facility to set up to every floor of our academic building and the facility has been provided. • Every practical laboratory has suggested renovate/upgrade and it has been partially achieved. 	achieve student satisfaction
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14. Whether AQAR was placed before statutory body ?

Yes

Name of Statutory Body	Meeting Date
teachers council	15-May-2020

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:

No

17. Does the Institution have Management Information System ?

No

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

- A semi-detailed charting of period-division of prescribed portion, as well as introductory remarks on the full syllabus and specific tasks.
- The distribution of basic modules.
- Regular verbal evaluations and written tests.
- Results and response scripts are distributed in a timely manner for post-evaluation analysis.

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
NIL	NIL	Nil	00	00	00

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
Nill	00	Nill
No file uploaded.		

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
Nill	00	Nill

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

	Certificate	Diploma Course
Number of Students	0	0

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
00	Nill	0
No file uploaded.		

1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
Nill	NIL	0
No file uploaded.		

1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	No
Employers	Nill
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
Vivekananda Mahavidyalaya Burdwan Student Satisfaction Survey Analysis Report - 2019-2020 Student Satisfaction Survey: Self-assessment of the teachers, as well as the institution, is very needful for strengthening the teaching-learning process. Student satisfaction survey or student feedback is an indispensable part of the self-assessment of the teachers and institution. It helps the teachers and authority to understand the problems of the teaching-learning process and to know the valuable opinion and suggestions of the students. For the betterment of the teacher-learning process, effective student feedback is required at least once in every academic session. Considering the importance of student feedback, Vivekananda Mahavidyalaya (Burdwan) framed a well-structured questionnaire consisting of 19 closed-ended questions and 1 open-ended question

for the academic session 2019-2020. The students were the only respondents to the survey. Objectives of the survey: The main objective of the survey was to provide the students a platform to share their opinions and perceptions concerning the teaching-learning process and to offer them a forum for healthy interactions with the teachers and the authority regarding the weaker and substantial areas of the learning environment. Methodology of the survey: Students' satisfaction surveys or feedback has been done through an online platform. 19 close ended questions and one open-ended question for knowing opinions and suggestions from them are framed in a Google Form. The form was shared among the different departmental WhatsApp Groups and uploaded to the college website. Students could access it on any electronic device such as mobile, tab, desktop, laptop, etc. 235 students of the institute have responded to this survey. Focus Area: The survey focuses on the following areas: ? Curricular Aspects ? Teaching-Learning and Evaluation ? Communication Mechanism ? Institutional Infrastructure towards ICT 2 ? Student Support ? Extracurricular Activities ? Institutional Values and Best Practices ? Administration ? Students' opinions and suggestions. Analysis: Q1. Syllabus covered in the class: Analysis: More than 60 of the respondents have opined that 70 of the syllabus was covered in the class. Q2. Teachers' preparedness for the classes: Analysis: Regarding the question of teachers' preparedness in the class, 42 of the respondents have agreed that the teachers are prepared thoroughly and 51 of the respondents agreed that teachers' preparedness in the class is satisfactory. Q3. Teacher communication mechanism with the students: Analysis: 71 of the responded students have opined that teachers are able to communicate with them effectively. Q4. Teachers' approach to teaching: Analysis: About 95 of the respondents have agreed that the approach of the teachers in the teaching is between the level of very good to excellent. Q5. Fairness of the internal evaluation process: Analysis: 70 of the respondents have opined that the internal evaluations of the students by the teachers are always fair. Q6. Discussion with the students about assignments: Analysis: 46.8 of the respondents held the view that teachers discussed with them about their assignments. Q7. Institutional arrangement/opportunity in promoting internships, student exchange programme, field visit programme: Analysis: Only 39.1 of the respondents have opined that the institute takes initiatives

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	BENGALI Hounors	97	2176	66
BA	Economics Hounors	42	42	19
BA	geography Hounors	42	1341	110
BA	Sanskrit Hounors	73	1623	135
BA	English Hounors	87	1878	237
BA (Journalism)	Mass communication Hounors	31	362	89
BSc	microbiology	49	720	87

	Hounors			
BSc	Chemistry Hounors	35	821	83
BSc	Physics Hounors	35	567	68
BSc	Mathematics Hounors	73	988	145
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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
2019	1521	13	87	1	5

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	Numberof smart classrooms	E-resources and techniques used
22	22	11	1	1	1

[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 HOD has produced a Mentor-Mentee list for each department, which is available on the departmental notice board. The identical list is sent throughout concerned departments Whatsapp groups (Semester wise). The entire number of students in a department is usually divided at random across the departments faculties. The contact information for Mentors is given to the mentees assigned to each faculty. In general, the Mentor engages in the following activities: - 1, Tutorials for students that are struggling 2. Mental health is kept track of 3. Improving communication abilities 4. Exam-specific assistance 5. Providing hardcopy/softcopy learning resources 6. Advice on a career path 7. Progression in higher education is being tracked, and assistance is being extended as needed. 8. Providing information on various scholarship funding options 9. Encouraging them to participate in extension activities 10 Encouraging extracurricular activities such as athletics, cultural activities, and so on. Guidance and appraisal of projects 12. If special assistance is required during practical classes, it will be provided.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
1521	88	1:17

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
98	88	10	6	36

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
Nill	NIL	Nill	NIL
No file uploaded.			

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	BSP	PART III 2019	15/10/2020	29/10/2020
BSc	BAH	SEM VI 2019	13/10/2020	30/10/2020
BA	BAP	PART III 2019	15/10/2020	29/10/2020
BA	BAP	SEM VI 2019	13/10/2020	30/10/2020
BA	BAH	PART III 2019	15/10/2020	29/10/2020
BA	BAH	SEM VI 2019	13/10/2020	30/10/2020
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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

Apart from University examination continuous internal assessment even through online mode were taken developing google forms and also viva mode.

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

As this college is a constituent college of the University of Burdwan, the Academic Calendar prepared by the University for the smooth conduct of Examinations and other related academic matters are strictly followed by the College. Due to Covid-19 pandemic and lockdown, the University notified Online Examination for the students of both Undergraduate (UG) and Postgraduate (PG) levels. Our college followed the University guidelines and instructions related to online examinations and smoothly and efficiently conducted Examinations of different semesters through online mode. The Practical Examinations of different subjects were also conducted through online viva-voce on specific syllabus on practical experiments, project work and demonstration wherever applicable. The online Examination on different theory papers on Core Course (CC) and General Elective (GE) subjects was conducted by creating departmental e-mail ids and Google Class rooms for each separate paper. The students were also made aware well in advance regarding exam-related information through notification in the college Website. Submission of completed Answer-scripts by the students was facilitated by allowing off-line mode at the college counter on the date of Examination within stipulated time maintaining Covid-19 protocol. This facility of off-line submission of completed Answer-scripts was extended for the sake of students who are somehow unable to submit it online due to network issue or any other difficulty. Our college participates in all the Examination-related meetings arranged by the University to be aware of examination-related decisions and norms issued by the Controller of

Examinations of our University for the smooth conduct of Examinations and also to ensure academic standards and transparency. Stakeholders are always informed about all the norms and directives received from the University well in advance through continuous notification through college Website, display in the College Notice-Boards and also through college Prospectus containing related information regarding Academic Calendar and Schedule of Semester Examinations. Different rules and regulations related to examinations and academic calendar are further discussed and explained in details by our Principal and his good office during the special meeting with the newly admitted students organized after the closure of admission process. The directives of the University pertaining to conduct of Examinations are also informed and discussed by the Principal in the Staff Council well before the commencement of each Semester Examination. The Marks on Internal Assessment of the students are uploaded on the University portal by the members of the Examination Committee of our college for the tabulation of final results to be published by the University. Every academic year, an academic calendar is created and publicised on the college website for all stakeholders to see. The IQAC keeps a close eye on its execution while maintaining the core structure intact.

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.vmbdn.in/programme_outcome.php

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
122/01 or 122/03	BA	Economics Hounors	53	52	98.11
122/01	BA	geography	31	26	83
122/03	BSc	microbiology	19	12	63
122/03	MSc	Chemistry	13	13	100
122/01	BA	Sanskrit	33	12	36
122/03	BSc	Physics	21	20	95
122/03	BSc	Chemistry	23	23	100
122/03	BSc	Mathematics	41	37	90
122/01	BA	Political Science	14	2	14
122/01	BA	English	40	34	85

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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.vmbdn.in/students_report.php

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	1095	UGC	7	7
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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
NIL	NIL	

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
NIL	NIL	NIL	Nil	NIL
No file uploaded.				

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
0	NIL	NIL	NIL	NIL	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
nil	0

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)
International	Physics	8	2.25
International	Chemistry	4	3.65
International	Mathematics	7	1.95
National	English	2	0
International	History	4	0
International	Geography	2	3.55
International	Library	1	0.36
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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
Physics	2
Bengali	2
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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
Hydrodynamics and instabilities of falling liquid film over a non-uniformly heated inclined wavy bottom	Mukhopadhyay, Asim	Physics of Fluid, I.F- 3.521 ISSN:1070-6631	2020	6	Dept. Of Mathematics, Vivekananda Mahavidyalaya, Burdwan, W.B, India, 713103	6
Stability of thin film flowing down the outer surface of a rotating non-uniformly heated vertical cylinder.	Mukhopadhyay, A	Nonlinear Dynamics, 100, 1143-1172, I.F- 5.022 ISSN:0924-090X	2020	5	Dept. Of Mathematics, Vivekananda Mahavidyalaya, Burdwan, W.B, India, 713103	5
A predator-prey model with Crowley-Martin response for predation	Ali, N	International Journal of Ecological Economics and Statistics, 40, 38-48, I.F- Nil	2019	0	Katwa College	0
Dual macro-cyclic component based logic diversity	B. Halдар	Dyes and Pigments, 174, 108060 I.F- 4.889 ISSN:1873-	2020	1	Dept. Of Chemistry, Vivekananda Mahavidyalaya, Burdwan,	0

		3743			W.B, India, 713103	
Enhanced photocatalysis performance of mechano-synthesized V2O5-TiO2 nanocomp	H. Dutta	Materials Chemistry and Physics, 248, 122947 I.F-4.094 ISSN:0254-0584	2020	10	Dept. Of Physics, Vivekananda Mahavidyalaya, Burdwan, W.B, India, 713103	9
Dielectric response of ZrO2-CeO2 nanocrystalline solid solution above room temperature	H. Dutta	Physica B: Condensed Matter, 583, 412000 I.F-2.436 ISSN: 0921-4526	2020	1	Dept. Of Physics, Vivekananda Mahavidyalaya, Burdwan, W.B, India, 713103	1
Microstructure and Electrical Characterization of Thermoelectric Nanocrystalline Bi2 Te3 Synthesized by Mechanical Alloying	H. Dutta	Materials Research, 22 (5): e20190328 I.F- 1.35 ISSN: 15161439	2019	2	Dept. Of Physics, Vivekananda Mahavidyalaya, Burdwan, W.B, India, 713103	1
Stabilization of ZrO2 matrix: Revisiting the 'archaic' issue with a peculiar example	H. Dutta	Scripta Materialia, 162, 408-411, I.F- 4.539 ISSN: 1359-6462	2019	3	Dept. Of Physics, Vivekananda Mahavidyalaya, Burdwan, W.B, India, 713103	2
Water soluble gold-polyaniline nanocomposite: A substrate for	P. Mondal	Arabian Journal of Chemistry, 13, 4009-4018 I.F- 5.165 ISSN: 1878-5352	2020	7	School of Molecular Sciences, Arizona State University, USA and	7

surface enhanced Raman scattering and catalyst for dye degradation					Department of Chemistry, Vivekananda Mahavidyalaya, Burdwan	
Colorimetric Dual Sensors of Metal Ions Based on 1,2,3-Triazole-4,5-Dicarboxylic Acid-Functionalized Gold Nanoparticles	P. Mondal	Journal of Physical Chemistry C, 123, 20459-20467 I.F- 4.126 ISSN:1932-7447	2019	8	School of Molecular Sciences, Arizona State University, USA and Department of Chemistry, Vivekananda Mahavidyalaya, Burdwan	8

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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
Water soluble gold-polyaniline nanocomposite: A substrate for surface enhanced Raman scattering and catalyst for dye degradation	P. Mondal	Arabian Journal of Chemistry, 13, 4009-4018 I.F- 5.165 ISSN: 1878-5352	2020	7	7	School of Molecular Sciences, Arizona State University, USA and Department of Chemistry, Vivekananda Mahavidyalaya, Burdwan
Hydrodynamics and instabilities of falling liquid film over a non-uniformly heated	Mukhopadhyay, Asim	Physics of Fluid, I.F- 3.521 ISSN:1070-6631	2020	6	6	Dept. Of Mathematics, Vivekananda Mahavidyalaya, Burdwan, W.B, India, 713103

	inclined wavy bottom						
	Stability of thin film flowing down the outer surface of a rotating non-uniformly heated vertical cylinder.	Mukhopadhyay, A	Nonlinear Dynamics, 100, 1143-1172, I.F- 5.022 ISSN:0924-090X	2020	5	5	Dept. Of Mathematics, Vivekananda Mahavidyalaya, Burdwan, W.B, India, 713103
	A predator-prey model with Crowley-Martin response for predation	Ali, N	International Journal of Ecological Economics and Statistics, 40, 38-48, I.F- Nil	2019	0	0	Katwa College
	Dual macro-cyclic component based logic diversity	B. Halдар	Dyes and Pigments, 174, 108060 I.F- 4.889 ISSN:1873-3743	2020	0	1	Dept. Of Chemistry, Vivekananda Mahavidyalaya, Burdwan, W.B, India, 713103
	Enhanced photocatalysis performance of mechano-synthesized V2O5-TiO2 nanocomp	H. Dutta	Materials Chemistry and Physics, 248, 122947 I.F-4.094 ISSN:0254-0584	2020	9	10	Dept. Of Chemistry, Vivekananda Mahavidyalaya, Burdwan, W.B, India, 713103
	Dielectric response of ZrO2-CeO2 nanocrystalline solid solution above room temperature	H. Dutta	Physica B: Condensed Matter, 583, 412000 I.F-2.436 ISSN: 0921-4526	2020	1	1	Dept. Of Chemistry, Vivekananda Mahavidyalaya, Burdwan, W.B, India, 713103

e						
Microstructure and Electrical Characterization of Thermoelectric Nanocrystalline Bi ₂ Te ₃ Synthesized by Mechanical Alloying	H. Dutta	Materials Research, 22 (5): e20190328 I.F- 1.35 ISSN: 15161439	2019	1	2	Dept. Of Chemistry, Vivekananda Mahavidyalaya, Burdwan, W.B, India, 713103
Stabilization of ZrO ₂ matrix: Revisiting the 'archaic' issue with a peculiar example	H. Dutta	Scripta Materialia, 162, 408-411, I.F- 4.539 ISSN: 1359-6462	2019	2	3	Dept. Of Chemistry, Vivekananda Mahavidyalaya, Burdwan, W.B, India, 713103
Colorimetric Dual Sensors of Metal Ions Based on 1,2,3-Triazole-4,5-Dicarboxylic Acid-Functionalized Gold Nanoparticles	P. Mondal	Journal of Physical Chemistry C, 123, 20459-20467 I.F- 4.126 ISSN:1932-7447	2019	8	8	School of Molecular Sciences, Arizona State University, USA and Department of Chemistry, Vivekananda Mahavidyalaya, Burdwan

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

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	1	2	1	0
Presented papers	8	1	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
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		activities	activities
NIL	NIL	0	0
No file uploaded.			

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
NIL	NIL	NIL	0
No file uploaded.			

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
Swachh Bharat	NCC, 4 Bengal Bn NCC	Cleaning of Park	1	96
Swachh Bharat	NCC, 4 Bengal Bn NCC	Statue Cleaning	1	85
Swachh Bharat	NCC, 4 Bengal Bn NCC	Rally against Open Defecation	1	85
Tree Plantation	College	Vivekananda Mahavidyalaya Burdwan	1	120
NSS Swachh Bharat Summer Internship Programme 2.0	NCC	Vivekananda Mahavidyalaya Burdwan	58	41
SAVE DRIVE SAFE LIFE	NSS	Vivekananda Mahavidyalaya Burdwan	20	186
International Yoga Day	NSS and NCC	Vivekananda Mahavidyalaya Burdwan	25	152
Aids Awareness Programme	NCC	Vivekananda Mahavidyalaya Burdwan	56	268
Gender issues/ Human empowerment Programme	College women cell NSS	Vivekananda Mahavidyalaya Burdwan	62	295
26th january celebration	NCC	Vivekananda Mahavidyalaya Burdwan	26	126
View File				

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
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Research Collaboration	7	0	365
View File			

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
Sharing of Research facilities	Research Collaboration	Dept. of Mathematics, NIT, Durgapur, India Contact: 91-343 2547377 e-mail: samarjit.kar@maths.nitdgp.ac.in (Prof. Samarjit Kar)	01/07/2019	30/06/2020	Dr. Animesh Debnath, Dept. of Economics, Vivekananda Mahavidyalaya
Sharing of Research facilities	Research Collaboration	Dept. of Chemistry, The University of Burdwan, W.B. India Contact: 91-342 2656566 (Prof. A.K. Mallick)	01/07/2019	30/06/2020	Dr. Basudeb Halder, Dept. of Chemistry, Vivekananda Mahavidyalaya
Sharing of Research facilities	Research Collaboration	School of Molecular Sciences, Magnetic Resonance Research Centre, Arizona State University, U.S.A Contact: (480)727-9824 e-mail: jyarger@gmail.com (Prof. J.L. Yarger)	01/07/2019	30/06/2020	Dr. Palash Mondal, Dept. of Chemistry, Vivekananda Mahavidyalaya
Sharing of	Research C	Dept. of	01/07/2019	30/06/2020	Dr.

Research facilities	ollaboration	Mathematics, IIT Dhawad, Karnataka, India Contact: 7829402922 (M) e-mail: abarua@iitdh.ac.in (Prof. A.K. Barua)			Anandamoy Mukhopadhyay, Dept. of Mathematics, Vivekananda Mahavidyalaya
Sharing of Research facilities	Research Collaboration	Nano Science Laboratory, Dept. of Physics, Visva Bharati University, W.B, India Contact: 91-3463 261016 e-mail: swapankkumar.mandal@visva-bharati.ac.in (Prof. Swapan K. Mandal)	01/07/2019	30/06/2020	Dr. Chaitali Mondal, Dept. of Physics, Vivekananda Mahavidyalaya
Sharing of Research facilities	Research Collaboration	Dept. of Physics, IIT Kharagpur, W.B, India Contact: 91-3222 283842 e-mail: roycp@phy.iitkgp.ernet.in (Prof. Partha RoyChaudhuri)	01/07/2019	30/06/2020	Dr. Kajal Mondal, Dept. of Physics, Vivekananda Mahavidyalaya
Sharing of Research facilities	Research Collaboration	Materials Science Laboratory, Dept. of Physics, The University of Burdwan, W.B. India Contact: 9800162193 (M) e-mail: skpradhan@phys.buruniv.ac.in (Prof. S.K.	01/07/2019	30/06/2020	Dr. Hema Dutta, Dept. of Physics, Vivekananda Mahavidyalaya

Pradhan)

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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
M.U.C. WOMENS COLLEGE, BURDWAN	12/08/2016	Faculty exchange	60
View File			

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
80	80

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Classrooms with Wi-Fi OR LAN	Newly Added
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
Seminar halls with ICT facilities	Existing
Classrooms with LCD facilities	Existing
Seminar Halls	Existing
Laboratories	Existing
Class rooms	Newly Added
Campus Area	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
Koha	Partially	18.2	2019

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	15802	239411	220	88611	16022	328022
Reference Books	23522	2015000	514	206761	24036	2221761

Journals	36	4000	0	36	36	4036
e-Books	195809	195809	0	0	195809	195809
e-Journals	6293	7500	0	0	6293	7500
CD & Video	68	5000	0	0	68	5000
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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
NIL	NIL	NIL	Nil
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	40	5	2	1	0	10	16	2	0
Added	32	1	1	1	0	2	0	0	0
Total	72	6	3	2	0	12	16	2	0

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

2 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
NIL	0

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
25	25	25	25

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 procedures and policies adopted by the college for maintaining and utilizing physical, academic and support facilities like up-gradation of the existing laboratories, departmental as well as central library, promoting sports-related activities, free Wi-Fi zone, free internet access in the library, Information and Communication Technology (ICT) classrooms, gymnasium,

hostels for girls students etc. which enhance the quality of institutional life, provide suitable teaching-learning environment for optimum output. To facilitate these, the college continuously seeks application mentioning requisitions for specific developmental work from the faculty and the students based on curricular requirements. For carrying out practical experiments, students urgently need different instruments, glass apparatus, chemicals, to be used in the science laboratories. The students can study in the reading room of our Central library and can enjoy the facility of Open-Stack library, equipped with the CCTV cameras for overall monitoring and surveillance. They are also allowed to access free internet facility strictly for academic purposes, viz. searching of current titles of books and journals of specific volume and year. E-Journals and e-resources are also available to our students. All books and journals are purchased through the Library Committee members in consultation with the Principal regarding allocation of fund. Library Committee works as an advisory committee for the effective functioning of the Library and also decides and plans to enhance library resources of the college as an important student-support system. To encourage and inspire students in sports and games, financial assistance is often granted by our college in favor of needy or economically backward students to purchase sports-kit for participating in different National-level competitions. As per the University norms, there is also Sports quota for admission to Honours and General courses in any subject of choice by the students who have qualified in the National and State level competitions. ICT classrooms have also been prepared and used for teaching specific lessons in different subjects to make the class more effective. Smart boards, projector, and various teaching-learning aids are also used in the classrooms wherever required. Computers used by the students and teachers are regularly updated and protected with anti-virus software. The College has a caretaker as the nodal person to receive and redress complaints from the stakeholders like students, hostel-boarders, teachers, laboratory staff regarding any electricity-related problems, instrumental disorder, and supply of water, petroleum gas etc. used in the laboratories or any other infrastructural problems. The College provides several indoor and outdoor sports facilities to all its students and encourages them to participate in inter-college or state level competitions. There is also a Centre for Yoga to encourage physical fitness and physical activity. The College has active student teams who often participate in several inter-college or national events of sports and games.

https://www.vmbdn.in/college_facilities.php

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	nil	0	0
Financial Support from Other Sources			
a) National	Govt. of India and govt. of west bengal	2301	22640800
b) International	nil	0	0

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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
NIL	Nil	0	0
No file uploaded.			

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	NIL	0	0	0	0
No file uploaded.					

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	30

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
NIL	0	0	NIL	0	0
No file uploaded.					

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
2020	14	VIVEKANANDA MAHAVIDYALAY A, BURDWAN	Microbiology	BU, VB, BHU, KNU	MSc
2020	7	VIVEKANANDA MAHAVIDYALAY A, BURDWAN	MATHEMATICS	BU, PU, VB, DWU	MSc
2020	17	VIVEKANANDA MAHAVIDYALAY A, BURDWAN	Journalism & Mass Communication	BU, VB, JU, BSU	MA
2020	14	VIVEKANANDA MAHAVIDYALAY A, BURDWAN	Geography	BU, VB, RU, PU	MA

2020	3	VIVEKANANDA MAHAVIDYALAY A, BURDWAN	ECONOMICS	BU	MA
2020	19	VIVEKANANDA MAHAVIDYALAY A, BURDWAN	HISTORY	BU, PU, VB, CU, TEPA	MA
2020	14	VIVEKANANDA MAHAVIDYALAY A, BURDWAN	ENGLISH	BU, VB, DWU	MA
2020	5	VIVEKANANDA MAHAVIDYALAY A, BURDWAN	Botany	BU, VB, DWU	MA
2020	17	VIVEKANANDA MAHAVIDYALAY A, BURDWAN	BENGALI	CU, RU,BU	MA
2020	14	VIVEKANANDA MAHAVIDYALAY A, BURDWAN	PHYSICS	BU, CU, RU NBU, SKMU, BHU	MSc
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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	10
SET	4
GATE	7
GMAT	0
CAT	0
GRE	0
TOFEL	1
Civil Services	0
Any Other	37
View File	

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

Activity	Level	Number of Participants
100 mts Run(Men)	COLLEGE LEVEL	32
200 mts Run(Men)	COLLEGE LEVEL	22
400 mts Run(Men)	COLLEGE LEVEL	20
800 mts Run(Men)	COLLEGE LEVEL	12
1500 mts Run(Men)	COLLEGE LEVEL	10

Broad Jump(Men)	COLLEGE LEVEL	31
High Jump(Men)	COLLEGE LEVEL	36
Discuss Throw(Men)	COLLEGE LEVEL	35
Shot Put(Men)	COLLEGE LEVEL	36
100 mts Run(Women)	COLLEGE LEVEL	42
View File		

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
Nill	NIL	Nill	0	0	NIL	NIL
No file uploaded.						

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 dynamic Student Council consisting of Student Representatives selected from different streams. Student Representatives are also included in different Committees responsible for conducting different programmes along with the Teacher Representatives of the College. The Student Council is an elected body, governed by a constitution that defines its structure and functions. Due to COVID-19 pandemic, offline classes remained postponed and the Student Election was withheld till date. The two Girls' Hostels of the college have a separate Student Committee consisting of hostel boarders and warden of the hostels and the committee monitors the infrastructural shortcomings, cooking of food in the hostel kitchen, regularity in cleaning floors, corridors and toilets. In addition, Student Representatives also participates actively in all types of extra-curricular activities, co-curricular activities, annual sports organizing camps for medical check-up of students and staff and also organize celebration of special occasions of our college, such as, College Foundation Day, Independence day, World AIDS Day, Republic Day, Martyrs Day, Gandhi Jayanti, Rabindra Jayanti, Saraswati Puja, and the most awaited annual Cultural function with massive participation of students in general. The Student Representatives organize the whole programme peacefully in consultation with the Teacher Representatives from the cultural committee of the college. Sports, NSS and NCC Units of the College also include Student Representatives and a large body of Student Volunteers. Student Representatives also actively participate in organizing seminars, conferences, symposia in different departments and also in various centrally organized programs. They often organize General Body Meetings that serve as a forum for interaction with college authorities regarding various student welfare issues. The Student Representatives are also members on several Administrative Committees, such as, Hostel Committees, Sports Committee, College Magazine Committee, Website Committee, Internal Complaints Committee as per prevailing UGC Regulations, 2015 for prevention, prohibition and redressal of sexual harassment of women employees and students in higher education institutions as well as Grievance Redressal Committee.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

ALUMNI REGISTRATION FORM (You have to Pay Rs.50/- only to Register yourself as an Alumni Member) To Avoid Extra Payment Charges in Respect of Registration Fees Payment Ignore Net Banking Option You can also make Donation by sending us cheque (Pay to - Vivekananda Mahavidyalaya Alumni Association), But you have to Register yourself first https://www.vmbdn.in/alumni_registration_form.php

5.4.2 – No. of enrolled Alumni:

185

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

0

5.4.4 – Meetings/activities organized by Alumni Association :

2

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)

Different subcommittees were periodically formed incorporating new and senior members to decentralize the administrative duties and encourage participative management. Different committees and its composition is as follows: -
Vivekananda Mahavidyalaya Burdwan (NAAC Accredited B , 2nd Cycle) Resolutions of TC Meeting held on 24th October ,2019 With pleasure I declare the following committees are to be functional for the academic session- 2019-2020. N.I.R.F

Committee 1. ADMISSION COMMITTEE Sri.Dibyajyoti Hazra (Jt. Convenor) Dr.Nijamuddin Ali (Jt. Convenor) 2. EXAMINATION COMMITTEE: Dr.Barundev Roy (Convenor) 3. ACADEMIC COMMITTEE: Secretary T.C.(Sri.Dibyajyoti Hazra) 4. PROMOTION COMMITTEE: Dr.Animesh Debnath (Jt. Convenor), Dr.Palash Mondal (Jt. Convenor) 5. STUDENTS' UNION ELECTION COMMITTEE: Dr.Ranjit Pathak (Convenor) 6. ROUTINE COMMITTEE: Sri Goutam Sarkar 7. RESULT COMMITTEE: Sri.Ananda Mohan Sarkar (Jt. Convenor),Sk.Ashif Iqbal (Jt. Convenor) 8. DISCIPLINARY / ANTI RAGGING AND GREVENCE REDRESSAL COMMITTEE: Dr.Barundev Roy (Jt. Convenor), Dr.Hema Dutta (Jt. Convenor) 9. S.C/ S.T/P.H WELFARE COMMITTEE: Sri.Amaresh Pramanik (Jt. Convenor), Sri.Ashim Kumar Porel (Jt. Convenor) 10. LIBRARY COMMITTEE: Smt.Sumita Sengupta (Jt. Convenor), Sri.Uttam Kumar Hazra (Jt. Convenor) 11. CANTEEN COMMITTEE : Dr.Sadhan Mondal (Jt.Convenor), Sk. Asif Iqbal (Jt. Convenor) 12. RESEARCH COMMITTEE: Dr.Kushal Chattopadhyay (Jt. Convenor), Dr. Prasanta Mallick (Jt. Convenor) 13. P.F. COMMITTEE: Sri Santosh Kumar Malik (Convenor) 14. PENSION AND SERVICE BOOK COMMITTEE: Dr.Anandamoy Mukhopadhyay (Jt. Convenor), Dr.Apala Bhattacharya (Jt. Convenor) 15. FIXATION COMMITTEE: Dr.Animesh Debnath (Jt. Convenor), Dr.Subndankar Tripathi (Jt. Convenor) 16. GIRLS HOSTEL COMMITTEE: Dr. Tumpa Mishra (Jt. Convenor), Dr. Chaitali Mondal (Jt. Convenor) 17. SEXUAL HARRASHMENT COMMITTEE: Dr. Sadhan Mondal (Jt. Convenor), Dr.Pallabi Sil (Jt. Convenor) 18. COLLEGE WEBSITE UPDATE COMMITTEE: Dr.Santanu Saha (Jt. Convenor), Dr. Tanushree De (Jt. Convenor) 19. CULTURAL COMMITTEE: Dr.Enakshi Banerjee (Jt. Convenor), Dr. Madhura Mondal (Jt. Convenor) 20. SEMINAR COMMITTEE (NATIONAL INTERNATIONAL LEVEL): Dr.Palash Mondal (Jt. Convenor), Dr.Prasanta Mallick (Jt. Convenor) 21. SEMINAR COMMITTEE (OTHER THAN NATIONAL INTERNATIONAL LEVEL): Sri.Amaresh Pramanik (Jt. Convenor), Sri Biswajit Majumder (Jt. Convenor) 22. HEALTH CARE STUDENTS' COUNSELLING COMMITTEE: Dr.Ranjit Kumar Pathak (Jt. Convenor), Dr.Agrha Khan (Jt. Convenor) 23. CAREER COUNSELLING STUDENTS' WALEFARE COMMITTEE : Dr.Ananta Gope (Jt. Convenor), Dr.Basudeb Halder (Jt. Convenor) 24. CAMPUS DEVELOPMENT COMMITTEE: Dr.Satya Prasad Mishra (Jt. Convenor), Sri Dibyajyoti Hazra (Jt. Convenor) 25 . PLANNING AND MONITORING COMMITTEE (PROJECTS REGARDING NEW

CONSTRUCTIONS ,RENOVATION,PURCHASING ESTIMATION) : Convenor I.Q.A.C, Convenor Asst. Convenor, Building Committee Convenor, Purchase CommitteeJt.Convenor ,Campus Development Committee, Secretary, T.C. ,T.I.C, Morning Section 26. SPORTS COMMITTEE: Dr. SambhuNath Singh Mura (Jt. Convenor), Dr. Kajal Mondal (Jt. Convenor)

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
Curriculum Development	Because the college is associated with the University of Burdwan, it must follow the University of Burdwans syllabus. However, a substantial number of our colleges teachers are either directly or indirectly members of the universitys curriculum development committee, and have contributed to curriculum development such as syllabus framing, paper setting, moderations, and board of studies, among other things
Teaching and Learning	Since the implementation of the new Choice Based Credit System, the institution has gained a fresh impetus, as well as a well-planned and documented teaching-learning process. Teaching plans are based on an academic calendar, the use of an LCD projection system in addition to the traditional chalk talk method, the introduction of Internet access, multimedia teaching aids, and ICT supplementation through the introduction of Wi-Fi routers to almost all departments and the library. Aside from theoretical instruction, some college departments conduct educational excursions and tours to provide students with practical experience. For students with particular needs, the college adds remedial and tutorial sessions to their regular schedule and allows them to record classroom lectures.
Examination and Evaluation	Aside from university examinations, each college department organises periodic Internal Assessments for each semester, and students are given improvement tests to help them develop.
Research and Development	The entire administration, especially the IQAC, encourages and helps all faculty members to do research in addition to their usual

responsibilities. Faculty members were instructed to keep track of their publications in order to qualify for CAS privileges. The administration implemented an immediate approval procedure to ensure that research applications are processed smoothly and quickly at the college level.

Library, ICT and Physical Infrastructure / Instrumentation

The Library, Central Library, Vivekananda Mahavidyalaya, Burdwan is situated at the 1 st floor of the Library Building. The Library is partially automated through Library Management Software Koha on Ubuntu 16.5 with 220 Text Books and 514 Reference Books (which were purchased through RUSA fund) are added to the present stock. This year saw that library have 36 Journals, 68 CD / Video, 405 weeding (hard copy). As an authorized member of INFLIBNET N-LIST programme (annual subscription fee Rs. 5900) the college can access 195809 plus E-Books and 6293 plus E-Journals. Two new computers are added to the present stock. It has aseparate reading room with seating capacity of 30 students. Security system like surveillance camera has been installed in the library and college premises. A few Honours departmental Libraries containing student oriented books with reading and lending facilities. The college has provided its students with free high speed internet and WiFi facilities. The college has one ICT enabled seminar hall as well as smart a classroom for departmental requirement with electronic support, scanners, printers, departmental computers. Physical infrastructure is increased to meet the demand of recent trends, new regulation and increase of intake.

Human Resource Management

The college administration strives to establish a positive connection with all college stakeholders and to receive enough assistance from college management in all circumstances. Faculty members have always been encouraged to grow and develop within their working environment at the college. This is accomplished by encouraging new employees to participate in orientation programmes, refresher courses, FDPs, short-term courses, and major/minor research projects, among other things. Their

progress and accomplishments are documented, and they are assigned to appropriate positions to maximise the use of human resources. Employees are paid according to government guidelines in terms of salary, pay scale, and increments, resulting in employee satisfaction. The Institute awards leaves to its faculty members in accordance with the University's policies. Maternity Leave is also provided to female members of the college according to established guidelines.

Admission of Students

The college has been handling student admissions using a separate online admission link on the college website, with Admitech website software developer providing online support for the process. The entire online admission system for students is overseen by our College's Admission Committee, which consists of our Principal and all HODs, led by one convenor and two joint convenors, who work tirelessly to ensure that students are admitted fairly and without difficulty. The entire admission process is entirely based on the preparation of a Merit List (based on 102 marks) and counselling based on criteria provided on a regular basis by The University of Burdwan and the Higher Education Department.

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

E-governance area	Details
Planning and Development	The institutional website clearly displays the college's vision and mission statement. The process of planning college events, activities, important notices, reports, development plans, and strategies is also to be displayed on the college website, and the minutes and resolutions of all Governing Body meetings are to be circulated via personal member e-mails as well as hard copies for all Governing Body meetings.
Administration	The college office is fully automated and has internet access 24 hours a day, seven days a week. The college website contains a wealth of administrative information, alerts, and reports. The Principal communicates with teaching and non-teaching staff members, as well as members of the Governing Body, via

email and printed copies. The Infotech software is being utilised in conjunction with the college administration to exercise complete control over all service modules in the office. Official WhatsApp Group is used to send brief reminders of any upcoming events at the college, as well as for awareness and smooth operation. The college held a virtual meeting with the usage of Google Meet. E-pension has already been implemented for superannuated faculty members, as well as non-teaching and support personnel. CCTV cameras have been put around the college site.

Finance and Accounts

The government and other organizations utilize IT software to calculate salaries, maintain accounts, and conduct financial transactions. The same software is used to generate reports such as the Consolidated Day Book General and the Daily Book.

Student Admission and Support

The institution has been handling student admissions through a separate online admissions link on the college website. The MSS website developer is used to provide web support for the same. At all point on the college grounds, the college has offered its students with free high-speed internet and WiFi facilities. For the learning process, a few departmental lecture rooms are equipped with a liquid crystal display projector and computer resources. For departmental requirements, the college provides a brilliant school room. Each department has its own Whatsapp institution, which allows them to communicate with their students online and interact with them, as well as discuss academic issues with them. For digital coaching learning, the colleges departments use Whatsapp, Google meet, Google lecture room, and Skype on-line communication tools.

Examination

For college examinations, students must fill out examination forms online, and results are also displayed online. All examiners must submit their grades electronically through the colleges password-protected portal. Faculty who serve as scrutineers or Head Examiners use the college portal as well. Students must also submit their work online in the case of Internal Assessment. Under the supervision of

the Principal and Examination Committee, faculty members submit their internal assessment marks electronically on the college portal.

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
Nill	00	NIL	NIL	0
No file uploaded.				

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 programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
Nill	NIL	NIL	Nill	Nill	0	0
No file uploaded.						

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
FDP	1	12/06/2019	13/06/2019	2
FDP	1	06/09/2019	07/09/2019	2
STC	2	12/03/2019	18/03/2019	7
Refresher Course	1	16/11/2020	28/11/2020	12
Refresher Course	1	24/11/2020	04/12/2020	12
Orientation Programme	1	26/06/2019	16/07/2019	21
Orientation Programme	1	26/06/2020	24/07/2020	29
Orientation Programme	1	07/01/2021	20/01/2021	14
Orientation Programme	2	26/06/2019	16/07/2019	21
Orientation Programme	1	14/11/2019	04/12/2019	14
View File				

6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
6	6	0	0

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
NIL	NIL	NIL

6.4 – Financial Management and Resource Mobilization

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

The college has no mechanism for internal audit. An External Auditor, N.C. DUTTA ASSOCIATES, CHARTERED ACCOUNTANTS, 14, GOBINDA SEN LANE, KOLKATA-700012 have been appointed by Higher Education Department Department of Public Instruction (DPI) GOVERNMENT OF WEST BENGAL audit the college accounts annually.

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	0	NIL
No file uploaded.		

6.4.3 – Total corpus fund generated

5571193

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	No	NIL
Administrative	No	NIL	No	NIL

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

1. In addition to Parent Teacher Meetings, the college maintains regular telephonic communication with them. Parental feedback is carefully considered.
2. Parents are always welcome to attend the colleges cultural programmes and annual sporting events. 3. At the Annual Function, parents are always invited to the Student Appreciation Ceremony.

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

1. Allow for a Staff Training Programme and (2) regular health check-up camps in college to safeguard the employees well-being. (3) Work-Life Balance and Stress Management Workshop

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

1. A holistic approach to all stakeholders is taken. 2. To fulfil the demand of contemporary trends, new regulations, and increased intake, physical infrastructure and library facilities have been expanded. 3. Organizational culture that is more open, collaborative, and progress-oriented.

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	No
b) Participation in NIRF	Yes
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
2019	Tree plantation	22/11/2019	22/10/2019	22/10/2019	103
2019	seminar on Vidyasagar	30/10/2019	30/10/2019	30/10/2019	65
2020	Mental health programme	05/02/2020	05/02/2020	05/02/2020	74
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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
NIL	Nil	Nil	0	0

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
<p>As environmental consciousness, we made a green campus in our college. Biodegradable waste is used as sanitary landfilling for composting preparation, solid wastes are converted to compost from college bins, e.g. wastage paper, teacup, the compost is applied in the garden. As groundwater recharge through rainwater, rainwater is passed in ponds and using it for groundwater recharge.</p> <p>Medicinal plants, forest and other gardening plants are cultivated for biodiversity study, aesthetic purposes and ecological conservation, which helps in biodiversity studies and carbon absorption. Plantation programme for green campus so that more carbon dioxide has been fixed and tree attracted many birds for their nesting, and green awareness was celebrated such as biodiversity day, environment days etc. As of the future, we will be launching community awareness (Plantation, Pollution, and Health) initiatives in association with NGO. E-waste generated by all departments (wastage printer, mouse, computer, CRT monitor etc.), is managed by recycling and selling by proper agency, and by doing annual maintenance contract. Dust bin is a vital to waste management, we are followed several dust bin like as biodegradable waste, non-biodegradable waste, liquid waste, etc., which are placed for management as proper way. Soil biodiversity is important for plant growth or ecological conservation. Plant promoting bacteria and composting are used as grading purpose for substitute of chemical fertilizer. E-governance is related to the paper-less approach, which is used in our colleges such as mobile applications, educational, SMS and email for admission and administration. Electricity reduction methods as sustainable</p>

ways, are used the LED and CFL as high electrical efficiency of all departments, and all computers are used by LED monitors (low power consumption), as an alternative to CRT monitors. Students and staff are promoted to switch off appliances after use. Organization of environmental awareness activities like poster presentation, environmental related day celebration, plays, seminar, conference etc. and involvement of students and staff. Various department are taken into a part for environment related committee like as water management committee, green audit committee, energy conservation committee, biodiversity maintaining, and waste recycling committee. Our college has alternative power sources, which are solar power plants for light purposes. As a vision for the future, we will build renewable energy campuses through solar power centers. It has been passed by G.B., herewith attached the resolution. Current status of renewable energy: Power requirement met by renewable energy sources Total power requirement Renewable energy source Renewable energy generated and used Energy supplied to the grid Year(Jan-Jan) Per

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Ramp/Rails	Yes	2

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
Nill	0	0	Nill	00	NIL	00	0
No file uploaded.							

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

Title	Date of publication	Follow up(max 100 words)
NIL	Nill	NIL

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
NIL	Nil	Nil	0
No file uploaded.			

7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

The world is now facing unprecedented environmental and ecological challenges such as climate change, pollution, waste mismanagement, and bio-diversity crises. Unprecedented resource depletion has forced us to seriously consider and adopt eco- friendly and sustainable development policies and programmes in every sphere of life. In protecting environmental degradation, the role of educational institutions is very crucial. As a responsible institution of higher education, our esteemed institution has followed all the government-directed ecological policies and programmes with great care. At the same, time we regularly take some local needs and resources-based programmes to serve the environment. On our college campus, we have been pursuing various eco-friendly initiatives such as following: 1. Zero- tolerance policy towards the use of

plastic: We have banned the use of plastic materials, and regularly aware of the students, and faculty members and staff to avoid using plastic materials to save the environment. 2. Groundwater recharges bed: Here on the campus, we made a groundwater recharge pond to catch rainwater into the ground. This pond also serves as the hotspot of various eco-friendly lives such as frogs etc. 3. Solid waste management: We collect bio-degradable materials here on the campus and put them in organic pits to produce organic fertilizer for our vegetable garden. 4. E-waste collection: Nowadays, we use a lot of electronic gadgets like computer, photocopy machine, printer, and internet in educational institutions. Unusable electronic devices put havoc pressure on environment, if these are not properly disposed. To mitigate this problem, we collect these types of e-waste materials and handover them to the competent authorities for proper e-waste management. 5. Discontinuation of high energy consuming light bulbs and fans: Here on the campus, we have substituted old and high energy-consuming electric light bulbs and fans to save extra power uses. 6. Installation of birds nest: Industrialization and urbanization are the essential characteristics of modern times. Various species of birds are endangered in recent times. To mitigate this problem here on the campus, we have installed some wooden made bird nests to rehabilitate various birds. 6. Tree plantation: We take regular programmes on tree plantations on the college campus and in the adjoining college area. 7. Use of bicycle and public transportation to minimise carbon emission: To minimise the use of fossil fuel, here on the campus, teachers, students, and staff use a pollution free transportation system like bicycles and use public transportation instead of private one.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Best Practices Best Practice No. I 1. Title of the Practice II. Improving Teaching – Learning Process (ICT) 2. Goal • To ensure the completion of syllabus according to the academic planner of each department • To encourage teachers to adapt to technological advancements including ICT adoption in class room teaching • To improve pass percentage and enhance the number of ranks bagged by the college at the university level examinations • To enhance learning experiences and to provide ICT skills • To widen access to students through Moodle Classroom and Institutional Repository System • To facilitate the training of ICT Teaching to faculty • To deliver recent information with minimum time • To promote research related activities among students 3. The context • The syllabus coverage in some cases is being hurried and towards the end of the semester where information are being crammed at once. This sluggish coverage initially and hurried coverage later should be avoided giving enough time to student in comprehending the topics and assimilating the facts. • The teachers find it difficult to keep pace with the techno – savvy student learners. It has become essential for some of the teachers to adopt to the latest pedagogic styles and include ICT in class room teaching. The mismatch between the student learner and the teacher in the use and comfort of handling varieties of tools available for teaching – learning needs to bridge. • ICT can be used as effective teaching tool for better learning experience. Intensive and extensive use of ICT in teaching learning has a significant and positive impact on students' achievement which results in better knowledge acquisition, enhancement of presentation skills and boosting innovative capacities among students. ICT skills promote the entrepreneurial and employable skills among students along with better learning experience. With this view our college has introduced the best practice 'Use of ICT in Teaching Learning'. 4. The practice • Academic planner along with the calendar of events is uploaded on the website for information to students. • The teaching – learning committee along with the heads of different departments monitor the pace of coverage of the syllabus. •

Informal feedback is obtained from students regarding the content delivery by different teachers. The teaching - learning committee members and the class teachers hold frequent informal meetings and cull out the information needed. • Frequent assignments, tests and evaluation are conducted to improve performance in the semester - end examinations • Four class rooms are made ICT ready and many departments have the necessary tools for handling the class room teaching with the help of ICT. • Teachers from all the departments who have a sound knowledge over ICT train the teachers/students the use of Power Point Presentations, browsing the internet for useful resources, uploading content on the college website, use of google docs for information sharing, etc. • To make the practice more effective following steps were followed: • Students are being motivated to use ICT enabled teaching. • • Preparation have done to Plan for ICT based Teaching Learning. • • Organization of training programme for faculty

- Introduction of moodle classroom. • Making the infrastructure ready. • Quality check for ICT teaching. • Upgradation of ICT teaching and infrastructure required for the same. • Getting feedback from students, parents and employers.

5. Evidence of Success • Some of the teachers have adopted modern pedagogic styles and ICT in their classes. • Some of the notes are uploaded on the college website. • Appropriately paced and timely completion of syllabus • Increased attendance in the classes • Improvement in results.

6. Problems encountered and Resources required. • Development of animation based power point presentations in teaching, particularly in science subjects, has been hindered due to the want of in - house technical expertise. • The demand for ICT resources is increasing and paucity of funds has been the biggest impediment which may dampen the spirit of technology adoption by teachers. • Most of the faculty acquired the basic skills in ICT, but they lack in application of the same in teaching. • Advance training for preparation and use of ICT is needed. • Some students are unable to use e learning material prepared by faculty due to lack of proper resources.

7 . Resources Required: The resources required are met out as under • Human Resources - Existing faculty, Inviting industry experts, MoUs and informal linkages with Industries and other institutes. • Infrastructural resources - Addition and updating of existing infrastructure of the college and • Sharing of infrastructure with other industries and institutes (through MoUs and informal linkages). • • Financial resources - UGC funding, and funding by the parent institution.

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

https://www.vmbdn.in/best_practices.php

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

The vision of the college is to make better India through training of minds of young citizens, motivating them to participate in building nation as well as to inspire them to be engaged in the service of the nation. This college is a centre for quality education of rural students to make them spiritually, morally and physically educated so that they may acquire efficient leadership in various fields. The immediate mission was the expansion of higher education up to the remote rural areas surrounding the college. To fulfil this target of drawing large number of rural students under this umbrella, the college was situated in the extreme north-eastern fringes of Burdwan town, so that they might have easy access to the college avoiding severe traffic jam. The mission

Number of students Amount Financial support from institution, government and from other sources e.g. JINDAL, INSPIRE . The major objectives of the college are inculcation of social and moral values in the students and teachers for better human social existence, creation of most vibrant knowledge pool

providing peaceful and competitive teaching-learning environment, empowering the backward first-generation learners through extension activities within and beyond the class room, promotion of non-gendered education which widens equal opportunities for both male and female students, upholding the ethnic, social and cultural diversity into unity, generating ecological, sociological and environmental awareness among all the stakeholders of the college and above all, the cultivation of science and culture for the advancement of society. Our mission is to educate our students up to the highest University standard and to prepare them for life-long learning and leadership in the field of knowledge of global standard, to empower the young generation with holistic development by exposing them to a wide culture of creativity and innovation and to improve the quality of individual and societal life by means of holistic education, healthy socialization and skill development to meet the challenges of the rapidly changing world. All the major objectives are outlined in details in the college prospectus to enlighten our students. Moreover, these are also displayed on a notice-board right in front of the entry to the college and teachers are also asked to make our students aware of the objectives of this Institution in every possible manner whenever the situation permits and appropriate opportunity comes to them.

Provide the weblink of the institution

https://www.vmbdn.in/mission_vision.php

8.Future Plans of Actions for Next Academic Year

For the academic session 2020-2021, we have organized few plans for action: i. A coaching centre will have to be established in our College in collaboration with District administration. This centre will run in free of cost for the passed out students to motivate them for the preparation of various competitive exams. ii. A centre of an outreach programmes in collaboration with NGO's will have to be established in our College for the differently able learners in and around Burdwan town. iii. Numbers of virtual class rooms are meagre in comparison of our student strength. The number of virtual class rooms will have to be increased from four to five. iv. A centre of language lab will have to be established in the department of English v. Two playgrounds nearby to our college campus will be opened for morning walkers and children and youths for playing during afternoon. The conditions of the playgrounds will have to be improved for looking their needs. vi. Number of books and journals of our departmental libraries will have to be increased as per demand of our students. vii. In the long future the college is planning to construct a boy's hostel and a sports complex in the adjacent college ground. viii. A small solar power system will need to be installed on the play grounds of our college.