

NOTICE

Date: 06/09/2021

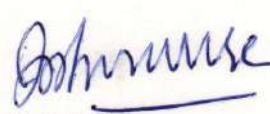
As per the Academic and Administrative Procedures adopted in the College for the process of Reaccreditation, I have been directed by the Office of the Principal to call IQAC Meeting on 11/09/2021 at 1 P.M in the Conference Hall of the College. The meeting will be chaired by the Principal. All the Members of IQAC are hereby requested to remain present in the Meeting.

1. To read and confirm the Minutes of the previous Meeting of IQAC dated 17/07/2020.
2. To table the Audited Statement of Income and Expenditure for the Financial Year 2020-2021.
3. To initiate the Re-accreditation process of the Institution at the earliest.
4. To review the Institutional Social Responsibilities during COVID-19 Pandemic.
5. To finalize the topics for conducting Webinars during COVID-19 Pandemic.
6. To discuss Online and Offline University Examination related issues.
7. To prepare and distribute Committee-wise Assignments along with its guidelines for the Academic Session 2021-2022.
8. To evaluate and make appropriate recommendations to the Principal in respect of the Progress Reports of various Institutional Committees and Seven NAAC Criteria received from the Office of the Principal upon submission of the same by the in-charge teachers concerned in the Office of the Principal for the Academic Session 2020-2021 for the preparation and submission of AQAR to NAAC for the Reaccreditation of our Institution.
9. Any other matter with the permission of the chair


Dr. Mangesh V. Kadu

IQAC



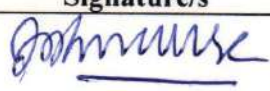


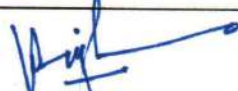
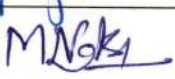
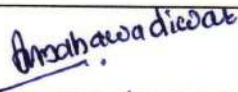
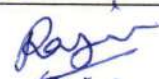



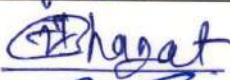




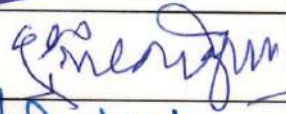
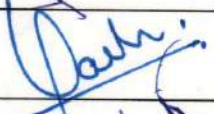


Dr. Jobi George

Principal

PRINCIPAL
Bhiwapur Mahavidyalaya
Bhiwapur Distt. Nagpur

Minutes of Internal Quality Assurance Cell-2021-22

Attendance of Members present -

Sr. No	Designation	Name	Signature/s
01	Chairperson	Dr. Jobi George	
02	Teachers Representative	Dr. S. K. Shinde	
		Dr. M. R. Chavhan	
		Dr. V. S. Dighore	
		Dr. M. V. Nandanwar	
		Dr. Mrs. A. V. Mahawadiwar	
		Mrs. O. P. Rajshree	
		Asst. Prof. S. V. Wasekar	
03	Member from the Management	Hon. Shri. Yashraj R. Mulak	
04	Senior Administrative Officer	Shri. Sanjay Meshram	
		Mr. Amol Bhagat	
05	One Nominee each from Local Society, Students and Alumni	Shri. Dilip Gupta (Representative from Local Society)	
		Mr. Nayan Bhaskar Harne (Students' Nominee)	
		Mr. S. R. Dadmal (Alumni)	
06	One Nominee each from Employers/Industrialist/Stakeholders	Shri. Padmakar K. Agrawal (Stakeholder)	
		Shri. Shankarlal Vaijnathji Gupta (Industrialist)	
		Dr. Devendra Bhongade (From Employers)	
7	IQAC Coordinator	Dr. M.V. Kadu	
8	NAAC Coordinator	Dr. Vinita Virgandham	



Agenda Items of the Meeting was circulated among the Members IQAC

The Resolutions adopted in the Meeting were as follows:

Item No. 1 . To read and confirm the Minutes of the previous Meeting of IQAC dated 17/07/2020.

Resolution No. 1

The Minutes of the previous Meeting of IQAC held on 17/07/2020 were read out by IQAC Coordinator Asst. Prof. Dr. Mangesh V. Kadu. Corrections, if any, were invited. No corrections were found. Resolutions were unanimously approved by all the Members of IQAC.

Item No. 2 To table the Audited Statement of Income and Expenditure for the Financial Year 2020-2021.

Resolution No.2

The Principal placed before the Members of IQAC, the Audited Statement of Income and Expenditure for the Financial Year 2020-2021. The Members of IQAC verified the Audited Statements of Income and Expenditure and found everything in order. The Resolution was unanimously approved by all the Members of IQAC.

Item No.3 To initiate the Re-accreditation process of the Institution at the earliest.

Resolution No.3

The IQAC coordinator impressed upon all the Members of IQAC about the urgency of completing the data compilation of AQAR from the Academic Session 2015-2016 to 2021-2022. He said that enough time had been elapsed and the NAAC may not extend the time limit for submission of AQAR. He also informed that NAAC has introduced new Guidelines for Reaccreditation. The data presently available with the teachers concerned would again be filled into the new Formats to comply with the new guidelines of AQAR Format. Resolution was unanimously approved by all the Members of IQAC.

Item No.4 To review the Institutional Social Responsibilities during COVID-19 Pandemic.

Resolution No.4

The IQAC Coordinator informed the Members that the teaching and non-teaching staff of the College contributed enormously during the COVID-19 Pandemic period for Charity as part of their Institutional Social Responsibilities. The Institution, under the aegis of N.S.S. Unit distributed food grains and other essential items for distribution among the poor people including the Migrant labourers. The Volunteers of N.S.S and N.C.C prepared Face Masks and distributed the same in Government Rural Hospital, Bhiwapur Police Station, Taluka Office and Panchayat Samiti, Bhiwapur. In addition to this, the N.S.S. Volunteers performed Street Plays in Bhiwapur Taluka for creating awareness among the commoners about the importance of COVID-19 Vaccination. The Chair appreciated the efforts taken by N.S.S and N.C.C Units in times of Pandemic. The lead taken by N.S.S Volunteers to prepare masks for distribution was also appreciated by all the Members of IQAC. The Chair also appreciated the Institutional Social



responsibilities taken up by teachers and students of the College. Resolution regarding appreciation of the N.S.S. and N.C.C Units under the able leadership of Programme Officer Asst. Prof. Dr. M.R. Chavhan and Asst. Prof. Dr. Yogesh More were unanimously approved by all the Members of IQAC.

Item No.5 To finalize the topics for conducting Webinars during COVID-19 Pandemic.

Resolution No.5

The Members of IQAC discussed the need to organize Educational activities namely Webinars, Guest Lectures, and other activities on Digital Platform. The NAAC Coordinator was assigned the task to coordinate with the entire subject Heads to facilitate the technical aspects. Asst. Prof. Dr. Yogesh More was authorized to look into the generation of the links, brochures etc. Asst. Prof. Mr. Ashish Talekar was asked to handle the online certification part along with Asst. Prof. Dr. Yogesh More. Resolution was unanimously approved by all the Members of IQAC.

Item No.6 To discuss Online and Offline University Examination related issues.

Resolution No.6

The Chair informed all the Members of IQAC about University's decision of conducting all its Examinations in Online Mode. The Committee discussed this matter in detail and decided to conduct all the Examinations in a smooth and fair manner. The Non-teaching staff and the Examination Committee were authorized to handle the Examinations very smoothly. They are asked to take care of Online and Offline University Examinations, keeping in tandem the instructions from the University from time to time. Resolution was unanimously approved by all the Members of IQAC.

Item No.7 To prepare and distribute Committee-wise Assignments along with its guidelines for the Academic Session 2021-2022.

Resolution No.7

The IQAC coordinator Asst. Prof. Dr. Mangesh V. Kadu informed the Members about the need for constituting various Academic and Administrative Committees for the smooth functioning of the Institution for the Academic Session 2021-2022. All the Members of IQAC made an elaborate discussion on this matter and decided to constitute various Institutional Committees along with its Assignments and Guidelines to be pursued under the guidance of the Principal. Some of the Members suggested some replacements in the Committees as per the expertise of the faculties.

It was further informed by the NAAC Coordinator that any delay in the submission of the Progress Report on the part of the teachers will adversely affect the submission of AQAR to the esteemed Office of NAAC for the Reaccreditation of the College. All the Members present favoured the decision and it was decided that the Progress Reports of the Committees should be presented as per the Notices issued from time to time. Resolutions were unanimously approved by all the Members of IQAC.

The IQAC, for the convenience of proper Academic and Administrative delivery, constituted different Committees along with its Assignments and Guidelines to be implemented judiciously during the Academic Session 2021-2022.



The Committees proposed are as follows:

01. Committee for Infrastructure Maintenance and Supervision.
02. Committee for the preparation of Project Proposals (RUSA, UGC, ICSSR, CSR, MP and MLA Fund, Mining Dept. Social Welfare Department and State Sports Dept. District Sports Department, and HRD)
03. Affiliation Committee
04. Committee for the preparation of Academic Calendar
05. Prospectus Committee
06. Admission Committee
07. Time Table Committee
08. Committee for promoting Research, Innovations, Extension and Consultancy Services.
09. Committee for students' feedback
10. Committee for establishing collaborations-a-formal agreement/understanding between any two or more Institutions for training/student exchange/faculty exchange or Research with or without resource sharing.
11. Anti-ragging Cell/Committee for curbing the menace of ragging in Higher Educational Institutions/Committee for developing Mechanism to check the suicide of students.
12. Alumni Association
13. Student's Counseling Centre
14. Community oriented programmes/outreach programmes in view of NAAC Re-accreditation
15. NSS Committee
16. Seminar and Symposia Committee
17. Committee for running Guidance Centre for Competitive Examinations (MPSC / UPSC)
18. Hospitality Management and Committee for Public Relations- Event Management (Media)
19. Committee for the introduction of Subject Literary Associations
20. Magazine Committee
21. Teaching-Learning and Evaluation Committee (NAAC)
22. Committee for running B.Voc. Degree Programmes (Bachelor of Vocation), Community Colleges, Career Oriented Programmes, Advance Diploma Programme and One Student One Skill Programme (OSOSP) (BEST PRACTICES)
23. Students' Grievance and Redressal Cell
24. Attendance Committee
25. Parent-teacher Association
26. Board of Life Long learning and Extension under University's Dept. of Life long and Extension.
27. Syllabus Compliance Committee



28. Committee for extra-curricular activities
29. Committee for Extension Services
30. Library Committee
31. Committee for Running Students' Centre
32. Entrepreneurship Development Cell
33. Games Committee
34. Health Club and Yoga Unit
35. Campus Disciplinary and Cleanliness Committee
36. De-addiction Committee
37. Students' Guidance and Placement Cell
38. Committee for promoting Consultancy Services (Refer Institutional Accreditation Manual-Criterion No.2 -NAAC)
39. Committee for promoting the use of technology in teaching and also for establishing complete students' Computer Literacy Programme (AUDIO VISUAL AIDS – LCD, OHP, Interactive Boards/Smart Board etc.) this Committee will work out schedule and plans for Students' Computer Literacy Programme.
40. Committee for updating College Website and LED
41. Committee for creating awareness about Global Warming, Eco-Club, Plantation, Gardening, water harvesting and also for establishing Vermicomposting production unit.
42. Research Journal Publication Committee (VIBGYOR)
43. NCC
44. Committee for promoting *Research, Innovations, Extension and Consultancy Services* (Refer Institutional Accreditation Manual – Criterion No.2 -NAAC)

Resolution was unanimously approved by all the Members of IQAC.

Item No. 8 To evaluate and make appropriate recommendations to the Principal in respect of the Progress Reports of various Institutional Committees and Seven NAAC Criteria received from the Office of the Principal upon submission of the same by the in-charge teachers concerned in the Office of the Principal for the Academic Session 2020-2021 for the preparation and submission of AQAR to NAAC for the Reaccreditation of our Institution.

Resolution No.8

On the receipt of the Progress Reports of various Institutional Committees and Seven NAAC Criteria by IQAC from the office of the Principal upon submission of the same by the in-charge teachers concerned in the Office of the Principal for the Academic Session 2020-2021 for the preparation and submission of AQAR to NAAC for the Reaccreditation of our Institution, the IQAC initiated through analysis. All the Members of IQAC discussed in detail the Progress Reports of



various Institutional Assignments and Seven Criterion wise Assignments submitted by each teacher for the Academic Session 2020-2021. The Committee observed certain shortcomings in the Progress Reports submitted by some of the teachers and decided to forward the same to the Office of the Principal for further action. It is again observed by the Members of IQAC that Asst. Prof. Aditya Kishore Sarwe did not submit the Progress Reports of all the Academic Committees assigned to him for the Academic Session 2020-2021. He had been allotted four Committees during the Academic Session 2020-2021 as per the following particulars;

- a. Games Committee
- b. Health Club and Yoga Unit
- c. Campus disciplinary and cleanliness Committee
- d. De-addiction committee

Due to this non-cooperative behaviour and pervasive attitude of the teacher concerned the IQAC was unable to prepare the AQAR for the Session 2020-2021. On enquiry to the Chair, it was informed that Asst. Prof. Aditya Kishore Sarwe had not performed any activity throughout the Academic Session in spite of specific guidelines and instructions from the Office of the Principal. Under these circumstances, the IQAC unanimously decided to recommend to the Office of the Principal to take appropriate measures to stop the Academic loss of the students leading to poor performance in the NAAC Reaccreditation process of the Institution as the Physical Education Department's contributions are very significant.

Member Secretary of the Following Institutional Committees

The Members of IQAC verified the list of various Institutional Committees allotted during the Academic Session 2020-2021. The IQAC Committee also verified the Progress Reports submitted by each teacher. The following are the Committees;

ASSOCIATE. PROF. DR. S. K. SHINDE

- a. Admission Committee
- b. Time table Committee
- c. Committee for promoting Research, Innovations, Extension and Consultancy Services (refer Institutional Accreditation Manual)

On close perusal, it was observed by the Members of IQAC that Associate Prof. Dr. S.K Shinde had completed all the Assignments as per the Guidelines given in the Staff Council meeting. He had furnished all the relevant information required for preparing the AQAR for the Academic Session 2020-2021. The Members of IQAC expressed satisfaction over the completion of most of the Assignments.

ASST. PROF. DR. M. V. KADU

- A. Feedback Committee



- B. Committee for establishing collaborations-a formal agreement/ understanding between any two or more Institutions for training/ student exchange/ faculty exchange or Research with or without resource sharing.
- C. Anti-ragging Cell/ Committee for curbing the menace of ragging in Higher Educational Institutions/Committee for developing mechanism to check the suicide of students.

It has been observed by the Members of IQAC that Asst. Prof. Dr. Mangesh Kadu has completed all the Assignments allotted to him during the Staff Council Meeting. Over all, the Members of IQAC expressed satisfaction over the completion of most of the Assignments.

ASST.PROF.DR.V.S.DIGHORE

- a. Alumni Association
- b. Students' Counseling Centre
- c. Community oriented programmes/outreach programmes in view of NAAC Re-accreditation

The IQAC observed that the Member Secretary of the Committees assigned above completed most of the Assignments allotted to him in the in the Staff Council Meeting. These observations were made from the documents provided by the Office of the Principal. However, the Committee observed certain shortcomings in the Progress Reports submitted by the teacher concerned and decided to forward the same to the Office of the Principal.

ASST.PROF.DR. M.R.CHAVHAN

- a. N.S.S Committee
- b. Seminar and Symposia Committee
- c. Committee for running the guidance Centre for Competitive Examinations/M.P.S.C/U.P.S.C
- d. Hospitality Management and Committee for Public Relations (MEDIA)

It has been observed by the Members of IQAC that Asst. Prof. Dr. M.R.Chavhan had completed almost all the Academic Assignments allotted to him during the Staff Council meeting. It is observed that the Member Secretary of all these Committees had made outstanding contributions to the Society through the Committees under reference. The IQAC Committee expressed satisfaction over the Assignments executed by the teacher concerned.

ASST.PROF.DR.NANDANWAR

- a. Committee for the introduction of Subject Literary Associations
- b. Magazine Committee



The Members of IQAC observed that the Member Secretary of the Committees mentioned above had complied with all the tasks assigned to him during the Staff Council Meeting of the College. This has been verified from the documents provided by the concerned to the office of the Principal. All the Members expressed satisfaction over the completion of Assignments as per the guidelines issued in the Staff Council Meeting.

ASST.PROF.DR.A.V.MAHAWADIWAR

- a. Committee for running B.Voc. Degree Programmes (Bachelor of Vocation), Community Colleges and Career Oriented Programmes.
- b. Students' Grievance and Redressal Cell

The Members of the Internal Quality Assurance Cell observed that the Assignments of all the Committees allotted to him had been carried out successfully. The IQAC expressed satisfaction over the completion of Assignments as per the guidelines issued in the Staff Council Meeting.

ASSOCIATE. PROF.DR.R.BAHURUPI

01. Attendance Committee
02. Parent-teacher association
03. Board of lifelong learning and extension under University's Department of Lifelong and Extension
04. OBSERVATION OF IQAC MEMBERS

All the Members of IQAC verified the Progress Reports submitted by Asst. Prof. Rajesh Bahurupi and found that the Progress Reports are mostly in conformity with the requirements mentioned in the Committee-wise Assignments allotted to him. The Committee expressed satisfaction over the completion of most of the Assignments as per the guidelines. The Committee suggested some improvisations in the execution of all other Assignments.

ASST.PROF.S.WASEKAR

- a. Syllabus Compliance Committee
- b. Committee for extra-curricular activities (Cultural Committee)
- c. Committee for extension services (Refer Institutional Accreditation Manual-Criterion No.2 -NAAC)
- d. Committee for promoting Research, Innovations, Extension and Consultancy Services (Refer Institutional Accreditation Manual - Criterion No.2 -NAAC)



The Members of IQAC verified all the documents submitted by Asst. Prof. Someshwar Wasekar and found that he had completed all the Assignments allotted to him during the Staff Council Meeting. The IQAC also observed that the faculty had taken up all the assignments to its destination by completing them in its finality. The IQAC expressed satisfaction over the completion of Assignments as per the guidelines issued in the Staff Council Meeting.

ASST.PROF.RAJSREE O.P

- a. **Library Committee**
- b. **Committee for running Students' Centre (Students' Consumer Society) (Compulsory for NAAC)**
- c. **Internal Complaint Committee (ICC)**

It has been observed by the Members of IQAC that the Member Secretary of the Committees mentioned above has complied with all the tasks assigned. This has been verified from the documentation provided by the concerned to the Office of the Principal. All the Members expressed satisfaction over the completion of Assignments as per the guidelines issued in the Staff Council Meeting.

ASST.PROF.DR.VINITA S.VIRGANDHAM

- a. **Entrepreneur development cell**
- b. **Teaching- learning and evaluation committee**

All the Members of IQAC observed on perusal that the Member Secretary of the Committee mentioned above has complied with most of the tasks assigned. This has been verified from the documents provided by the concerned to the office of the Principal. All the Members expressed satisfaction over the completion of Assignments as per the guidelines issued in the Staff Council Meeting.

ASST.PROF.A.K.SARWE

Member Secretary of the Institutional Committees formed for the Purpose of Reaccreditation of the Institution by NAAC.

- a. **Games Committee**
- b. **Health Club and Yoga Unit**
- c. **Campus disciplinary and cleanliness Committee**
- d. **De-addiction committee**

The Members of IQAC made a thorough analysis of the Progress Reports submitted by Asst. Prof. Aditya Kishore Sarwe in respect of all the Assignments allotted to him in the Staff Council meeting of the College. The Committee, on perusal of the Progress Reports, observed that most of the submissions of Asst. Prof. Aditya



Kishore Sarwe are in conformity with the Assignments and its guidelines allotted to him in the Staff Council Meeting. The Committee expressed satisfaction over the completion of most of the Assignments as per the guidelines. The Committee suggested some improvisations in the execution of all other Assignments.

ASST.PROF. ASHSIH TALEKAR

- a. **Students' Guidance and Placement Cell**
- b. **Committee for promoting Consultancy Services (Refer Institutional Accreditation Manual – Criterion No.2 -NAAC)**

All the Members of IQAC observed on perusal that the Member Secretary of the Committees mentioned above has complied with most of the tasks assigned. This has been verified from the documents provided by the concerned to the office of the Principal. All the Members expressed satisfaction over the completion of Assignments as per the guidelines issued in the Staff Council Meeting.

ASST.PROF. NAZIM SHEIKH

- a. **Committee for promoting the use of technology in teaching and also for establishing complete students' computer literacy programme (AUDIO VISUAL AIDS – LCD, OHP, INTERACTIVE BOARD/ SMART BOARDS ETC.)**
- b. **Committee for updating the College Website and LED**

All the Members of IQAC observed on perusal that Asst. Prof. Nazim Sheikh has complied with most of the tasks assigned. This has been verified from the documents provided by the concerned to the office of the Principal. All the Members expressed satisfaction over the completion of Assignments as per the guidelines issued in the Staff Council Meeting.

ASST.PROF.ROSER ROBERT

- a. **GLOBAL WARMING (ECO-CLUB), plantation, gardening, water harvesting and also for establishing wormy composting production unit**

The IQAC Members observed on perusal that Asst. Prof. Roser Robert has complied with most of the tasks assigned. This has been verified from the documents provided by the concerned to the office of the Principal. All the Members expressed satisfaction over the completion of Assignments as per the guidelines issued in the Staff Council Meeting.

ASST.PROF. SACHIN KUBADE

- a. **Research Journal Publication Committee (VIBGYOR)**

The IQAC Members observed on perusal that Asst. Prof. Sachin Kubade had not completed the tasks assigned. Due to technical issues, the Institute level Research



Journal VIBGYOR was not published. As per the information obtained, the Research Journal VIBGYOR had been removed from UGC Care List.

ASST.PROF.DR.YOGESH MORE

a. NCC

b. Committee for promoting Research, Innovations, Extension and Consultancy Services (Refer Institutional Accreditation Manual – Criterion No.2 -NAAC)

The IQAC Members observed on perusal that Asst. Prof. Dr. Yogesh More has complied with most of the tasks assigned. This has been verified from the documents provided by the concerned to the office of the Principal. All the Members expressed satisfaction over the completion of Assignments as per the guidelines issued in the Staff Council Meeting.

PRINCIPAL

a. Committee for infrastructure maintenance and supervision

b. Committee for the preparation of project proposals (RUSA, UGC, CSR, M.P & MLA FUND, MINING DEPARTMENT,

c. Affiliation Committee

d. Committee for the preparation of Academic Calendar

e. Prospectus Committee

The Members of IQAC verified all the documents submitted by the Principal in relation to all the Committees and its Assignments and found that he had completed most of the Assignments allotted to him during the Staff Council Meeting as per the availability of fund. The IQAC expressed satisfaction over the completion of Assignments as per the guidelines issued in the Staff Council Meeting.

CRITERION NO.1

CURRICULAR ASPECTS

ASST. PROF. DR. M.R.CHAVHAN

The office of the Principal in its Staff Council Meeting and General Staff Meeting had informed all the Criterion Heads and Member Secretaries to comply with the procedures of submission of data. The Members of IQAC verified the documents submitted by Asst. Prof. Dr. M.R.Chavhan in relation to Criterion No.1 and it is found that he had submitted most of the documents required for the preparation of AQAR for the Academic Session 2020-2021. The Members expressed satisfaction over the initiatives taken by Asst. Prof. Dr. M.R. Chavhan in executing the Assignments of Criterion No. 1.

CRITERION NO.2

TEACHING, LEARNING AND EVALUATION

ASST. PROF. SOMESHWAR WASEKAR



The Members of IQAC observed that the office of Principal in its Staff Council Meeting and General Staff Meeting had informed all the Criterion Heads and Member Secretaries to comply with the procedures of submission of data. It is observed on perusal that Asst. Prof. Someshwar Wasekar had furnished all the data, which was needed to be filled for the Annual Quality Assurance Report 2020-2021 in both hard and soft copies.

CRITERION NO.3

RESEARCH, INNOVATIONS & AND EXTENSION

ASSOCIATE PROF. DR. S.K SHINDE

It is learned that the office of Principal in its Staff Council Meeting and General Staff Meeting had informed all the Criterion Heads and Member Secretaries to prepare and submit the information required for the preparation of AQAR. The Members of IQAC observed that Associate Prof. Dr. S.K Shinde had furnished all the requisite information in his Reports submitted to IQAC for preparing the AQAR for the Academic Session 2020-2021. The Committee expressed satisfaction over the documents submitted by her for the preparation of AQAR for the Session 2020-2021.

CRITERION NO.4

INFRASTRUCTURE AND LEARNING RESOURCES

ASST. PROF. RAJASREE O.P

The Members of IQAC observed that Asst. Prof. Rajasree O.P had furnished most of the information in her Reports submitted to IQAC for preparing the AQAR for the Academic Session 2020-2021. A few Assignments were not completed by her. The office of the Principal in its Staff Council Meeting and General Staff Meeting had informed all the Criterion Heads and Member Secretaries to comply with the procedures of submission of data.

CRITERION NO.5

STUDENTS SUPPORT AND PROGRESSION

ASST. PROF. DR. VIJAY S DIGHORE

As per the information obtained, the Principal in its Staff Council Meeting and General Staff Meeting had informed all the Criterion Heads to comply with the procedures of submission of data. Regardless of many reminders verbally, through Emails, and through the office of the Principal from time to time, some of the data, which was needed for preparing the Annual Quality Assurance Report 2020-2021, was not received by Internal Quality Assurance Cell either in hard or soft copies.

CRITERION NO.6

GOVERNANCE, LEADERSHIP AND MANAGEMENT

ASST. PROF. DR. ANITA V MAHAWADIWAR.

The Office of the Principal in its Staff Council Meeting and General Staff Meeting had informed all the Criterion Heads and Member Secretaries to comply with the



procedures of submission of data. On close perusal, the Members of IQAC observed that Asst. Prof. Dr. Anita Mahawadiwar had furnished all the requisite information in her Reports submitted to IQAC for preparing the AQAR for the Academic Session 2020-2021.

CRITERION NO.7

INSTITUTIONAL VALUES AND BEST PRACTICES


ASST. PROF. DR. YOGESH MORE

The Office of the Principal in its Staff Council Meeting and General Staff Meeting had informed all the Criterion Heads and Member Secretaries to comply with the procedures of submission of data. On close perusal, the Members of IQAC observed that Asst. Prof. Dr. Yogesh More had furnished all the requisite information in his Reports submitted to IQAC for preparing the AQAR for the Academic Session 2020-2021. The Committee expressed satisfaction over the work executed.

12. Any other matter with the permission of the Chair.

Since no other subject was raised by anybody, the meeting was concluded with the formal Vote of Thanks by the IQAC Coordinator. 14


Dr. Mangesh V. Kadu
IQAC


Dr. Jobi George

Principal

Principal

Bhiwapur Mahavidyalaya,
Bhiwapur





Backward Class Youth relief Committee's

BHIWAPUR MAHAVIDYALAYA, BHIWAPUR

Dist. Nagpur, Maharashtra 441201

Accredited with Grade 'B' (CGPA-2.54) by NAAC, Bengaluru

ISO-9001:2015

Internal Quality Assurance Cell

Annual Report

Academic Session -2021-2022

Introduction

After a thorough verification of all the submitted documents of the Events, Seminars and Workshops organized by the Committees of the Institution, a brief summary report of the Academic Session 2021-2022 has been generated for all the Stakeholder's perusal. The Summary of Internal Quality Assurance Cell for the Academic Session 2021-2022 is as follows:

Curricular Aspects

As per the Perspective Plan of the Institution -2020-2025; yearly planning has been chalked out and accordingly all the activities have been planned and executed. Effective Curriculum dissemination was carried out as per our Academic Calendar, which was prepared and implemented in conformity with University's Academic Calendar. The Principal, through the Time Table Committee, allocated subject-wise workload and time slots to teachers. To ensure the genuineness, the Daily Work Book has been endorsed by the Principal. The Annual Teaching Plan, prepared by the faculty and endorsed by the Principal, provides an effective dissemination of syllabus through planned outcomes.

Bridge Courses, Remedial Classes for Slow Learners, examinations along with co-curricular and extra-curricular activities were conducted. The Attendance Committee, the Syllabus Compliance Committee and the Examination Committee kept a tab on the completion of the tasks assigned. Guest lectures were conducted to give learning a different perspective.

The Feedback of all the stakeholders was considered for improving the quality of Teaching-Learning and accordingly an Action Taken Report was generated and faculties were apprised of their Feedback from students on Teaching- Learning. Appreciation and Advisory Letters were issued as per the performance indicated through the Feedback. The Feedback has been displayed on the Institute's Website for the perusal of all its Stakeholders.

The Institution through its Induction Programme on the commencement of the Academic Session apprised the students of the various facilities available in the Institution for them. The NSS and the NCC Units displayed their achievements during the Induction Programme. The Anti- ragging Committee explained the students of their responsibility towards being a better student following the directions and guidelines given by competent authorities.

Subject Literary Associations conducted activities under the umbrella of individual subject associations. Educational activities like Faculty Exchange Programmes were organized under the banner of Cluster of Thirteen Institutions. An array of activities was carried out on Soft Skills and these activities were coordinated by Soft Skills and Entrepreneurship Development Committee; assigned to Bhiwapur Mahavidyalaya by Cluster of Thirteen Institutions (COTI).

Career Oriented Programme/Skill Development Programme/One Student One Skill Programme (OSOSP) for the Session 2021-2022:

- 🚩 Certificate Course in Journalism in Marathi was conducted for 3 Months from 18/03/2022 till 18/06/2022 with 35 students enrolling for the Course.
- 🚩 Certificate Course in Vermiculture/ Vermicomposting was conducted for 3 Months from 18/3/2022 till 18/6/2022 with 105 students enrolling for the Course.
- 🚩 Certificate Course in Spoken English for 30 days from 19/3/2022 till 19/4/2022.

The Examination Committee, after written intimation to the students and teachers about the time -table schedule and other processes, conducted Unit Tests, One Model Examination, and University Examinations in online mode. Students were awarded internal marks through their submission of assignments and Viva Voce.

The result of the outgoing students is given below for the perusal of all the stakeholders:

S. No	Name of the Programme	No. of Students appeared	No. of students Passed	% of the passing out students
1	Bachelor of Arts	79	75	94.94
2	Bachelor of Commerce	59	58	98.31
3	Bachelor of Science	46	45	97.83
4	Bachelor of Vocation			
	1	Food Processing	1	100
	2	Building Technology	9	64.29

	3	Software Development	9	8	88.89
	4	Hardware Development	5	5	100
Total			213	201	94.36

Students participated in Awareness Programmes, Workshops, Seminars, Community Services, Vaccination Drives, and Blood Donation Camps.

The list of events, activities, Workshops, Guest Lectures, Collaborations:

- ✚ Professional Ethics and Human values were instilled by organizing International Yoga Day on 21st June 2021.
- ✚ Corona Awareness Campaign through Street Plays was conducted during COVID-19 Pandemic period from 22nd June 2021 to 28th June 2021.
- ✚ Blood Donation Camp was organized on 6th July 2021.
- ✚ Death Anniversary Programme of Bal Gangadhar Tilak was organized on 1st August 2021 to commemorate the Death Anniversary of Bal Gangadhar Tilak.
- ✚ A 'Fit India Freedom Run Programme 2.0' was organized on 13th August 2021.
- ✚ Independence Day was celebrated with much gusto and fervor on 15th August 2021.
- ✚ Celebrated Birth Anniversary of Dr. Sarvepalli Radhakrishnan (Teachers' Day) on 5th September 2021.
- ✚ National Service Scheme Foundation Day was celebrated on 24th September 2021.
- ✚ Celebrated Birth Anniversary of Mahatma Gandhi on 2nd October 2021.
- ✚ Gender Sensitization Programme on Beti Bachao Beti Padhao Rally on 2nd October 2021.
- ✚ A Peace Rally was organized on 2nd October.
- ✚ Mission Yuva Swasthya Programme (Youth Health Programme) was organized from 25th September to 2nd October 2021.
- ✚ Awareness Rally on Cleanliness and Ban on use of plastic was organized on 20th October 2021.
- ✚ A Special COVID -19 Vaccination Campaign was organized from 22nd October to 28th October 2021.
- ✚ Orientation for Non-Teaching Staff on 'Technicalities of Administration in Higher Educational Institutions' was organized on 28th October 2021 from 3.00 P.M 5.00 P.M. The Guest Speaker-Mr. Sanjay Hambarde, Registrar, DES's R S Mundle Arts & Commerce College, Nagpur addressed 125 participants through Google Meet.
- ✚ The NCC Unit of the Institute celebrated the 65th Raising Day of 20 Mah Bn NCC Nagpur on 17th November 2021.

- ✚ Tree Plantation Drive was carried out on 17th November 2021.
- ✚ Constitution Day was celebrated on 26th November 2021.
- ✚ World AIDS Awareness was observed on 1st December 2021.
- ✚ Death Anniversary Programme of Dr. B. R. Ambedkar was celebrated on 6th December 2021.
- ✚ Grand Blood Donation Camp was organized on 8th December 2021.
- ✚ Library and Information Centre of Bhiwapur Mahavidyalaya, under the aegis of IQAC, organized an Online Quiz Competition on 22nd December 2021.
- ✚ Three Days' NSS Camp was organized at Virkhandi village from 1st January to 3rd January 2022.
- ✚ One - Day National Workshop on 'Intellectual Property Rights-Patent and Design Process' was jointly organized by Bhiwapur Mahavidyalaya and R G N I P M, Nagpur on 20th January 2022 on WebEx Platform.
- ✚ COVID Vaccination Campaign was organized on 25th January 2022.
- ✚ Republic Day was celebrated on 26th January 2022.
- ✚ The Institution celebrated National Voters' Day for instilling Democratic Values on 25th January 2022.
- ✚ 150 Blankets were distributed at Ramdegi, Tadoba Sanctuary on 31th January 2022 through Extension Committee.
- ✚ Orientation Programme for Teaching Staff was organized by IQAC on 'Professional Ethics and Human Values in Higher Education' on 12th February 2022. The Guest Speaker Dr. Pramod Pabrekar, Senior Consultant, RUSA, Mumbai addressed 250 participants through Google Meet -<https://forms.gle/68HSx8Ump31qXjUf7>.
- ✚ Organized Two-Day Faculty Development Programme on 'Exploring Google Tools and Microsoft Excel Tools for Teaching and Learning Process' on 24th & 25th February 2022.
- ✚ Science Day was organized on 28th February 2022.
- ✚ An Online Quiz Competition was held on 28th February 2022 on the occasion of National Science Day.
- ✚ NSS Special Camp was organized from 24th March 2022 to 30th March 2022.
- ✚ Workshop on 'Youth power for a Prosperous India' was organized on 31st March 2022.
- ✚ Organized One Day Faculty Development Programme on Google Platform for Teaching Staff on 'Role of Teachers and New Education Policy-2020' on 1st April 2022 in collaboration with Cluster of Thirteen Institutions. The Expert for the

- ✚ Programme was Dr. Manjushree Sardeshpande.
- ✚ Dr. B R Ambedkar's Birth Anniversary was celebrated on 16th April 2022.
- ✚ An online Guest Lecture by Dr. Milind Telang from R S Bidkar College was organized on the Birth Anniversary of Dr. B R Ambedkar.
- ✚ One-Day Educational and Industrial Tour was organized for the students on 18th April 2022.
- ✚ Competitive Examinations and Career Guidance Cell organized One- Day Workshop on 'Preparation for MPSC Examinations' on 28th April 2022.
- ✚ One- Day Workshop on 'Bharat Vishwa Guru: A Research Journey from Ancient Times to Modern Times' was organized by Research and Innovation Committee on 28th April 2022 under the aegis of IQAC.
- ✚ Committee for 'Running B Voc. Degree Programmes, Community Colleges, Career Oriented Programmes, Advanced Diploma Programmes and One Student One Skill Programme' and 'Cluster of Thirteen Institutions' organized a Guest Lecture on 'Vedic Maths' through Google Platform on 6th May 2022.
- ✚ World Environment Day was observed on 5th June 2022.

Teaching-Learning and Evaluation

The Institution identified Advanced Learners and Slow Learners during the admission process by preparing faculty wise merit list. Interactive Sessions, Quiz Competitions, Seminars and Group Discussions, Unit Tests, and Model Examinations were conducted for assessing their learning aptitude.

✚ Action Taken Report

Slow Learners were provided with;

- a. Additional learning support through **Remedial Classes** under '**Student Support System**'.
- b. Worksheets and Handouts based on the learning levels were given on Google Classrooms and WhatsApp Group.
- c. 'Bridge Courses' were conducted on the commencement of the Academic Session.

Advanced Learners were encouraged to;

- a. Write Research Papers in Research Journals and College Magazine.
- b. Participate in various competitions.
- c. Avail open-access facility in the Library.
- d. Contribute their literary creations in the College Magazine.

Curricular and co-curricular activities of the Institution were executed to ensure students' active participation in all the learning activities. These practices enabled them to explore, experience and invent to the best of their abilities. To abreast the teaching staff of the latest learning methodologies, they were promoted to participate in Orientation Programmes, Refresher Courses, Short Term Courses and Training Programmes on ICT and FDPs.

The Experiential Learning practices were carried out by the students in Hybrid mode and On-line mode. Students' active participation in Webinars, Expert Lectures and other On-line educational activities conducted by the Institution and other collaborative Institutions enabled them to improve their presentation skills and also enriched their team-work spirits. This participatory learning practice not only helped them to identify their potentials but also enabled them to choose their career. Students' active participation in all the co-curricular activities carried out through NSS, NCC and other Extension Committees provided them ample opportunities to demonstrate their talents and thus made them aware of their social commitments. Platforms like Moodle, Zoom, Google Classrooms and Google Meet for conducting online classes were utilized. Virtual Labs and models were created for demonstrating Practical. Subject related notes, educational You Tube videos, instructions and notifications given by the teachers and the authorities were communicated to the students through WhatsApp Groups. Unit Tests and Terminal Examinations were conducted through Google platforms, which ensured continuous assessment and feedback of the students.

E-Learning resources like lecture notes, references, hand-outs, question bank, teaching plans and topic-wise PPTs, subject related videos and Moodle Courses were uploaded on Google Classrooms and WhatsApp Groups. Transparent and Continuous Internal Assessment Mechanism was implemented in the Institution for assessing students' progress throughout the programme schedule. As notified by R.T.M. Nagpur University in its Website, students were informed about the examination scheme and also about the internal marking pattern for bringing more transparency to the evaluation system.

The Feedback of teachers on students' overall performances was discussed during Staff Council Meetings and accordingly an Action Taken Report was generated. The Feedback of Students on Teachers and on the Institution was collected, analysed and Action Taken report was generated and has been displayed on the Website. Students' Satisfaction Survey has been collected, analysed and Action Taken Report has been generated and displayed on the Institute's Website for the perusal of all the Stakeholders.

A transparent, time-bound and efficient mechanism to redress the Internal Examination related grievances of the students was in place. The COVID-19 Pandemic period witnessed many discrepancies in the online mode of Internal Examinations and all these issues were redressed efficiently. Upon timely redressal, the students were informed about the same through WhatsApp Groups, over phone and also via emails. Anomalies like lack of Network coverage and glitches in the University's Examination Portal were reported to the University resulting in re-examinations and corrections in the TR copy and also in the University's Gazette of results. Internal and External Examiners were appointed by the University to ensure more transparency, efficacy and credibility in the Internal Examination system.

The attainment of Programme Outcomes and Course Outcomes of our Institution has been reviewed through Students' progression in Higher Studies, their Results and their Placements.






61 Students are pursuing Post Graduate Studies in various disciplines. Four students who passed out in 2018 were placed in State Reserve Police, Glenmark Pharmaceuticals Ltd. Emcure Pharmaceuticals Ltd. and Smarichem Technologies Ltd.

Research, Innovation and Extension

Our Institution supports Innovative Research Projects of staff by offering them all the requisite facilities in order to promote Innovations for creation and transfer of knowledge.

The Institution organized **Two-Day Online National Webinar on 22nd April & 23rd April 2022 with 251 registrations.**

The Institution organized Four Workshops on the following topics:

-  One day Workshop on “**Intellectual Property Rights (IPR)-Patent & Designs Process**” was organized on 20th January 2022 with 359 registrations.
-  Three Days' Workshop on "**Developing your own Moodle Site**" was organized on from 10th February 2022 to 12th February 2022 with 38 participants.
-  Organized “**Regeneration of Battery-Ecopreneurship**” on 12th April 2022 with 138 participants.
-  One Day Workshop on the topic, “**Vishwa Guru Bharat: A Research Journey from Ancient Times to Modern Times**” was organized on 28th April 2022 with 60 participants.
-  One Day Workshop on “**Competitive Examinations**” was organized on 28th April 2022 with 110 students.

Number of papers published per teacher in the Journals notified on UGC website during the year

Title of the Paper	Name of the author/s	Department of the Teacher	Name of the Journal	Year of Publication	ISSN Number	Link to the article on college website	Link to the recognition in UGC enlistment of the Journal	Journal Peer-reviewed/ National International / UGC Care – listed/ Scopus/ WoS
Commitment: A Panacea to Attain Excellence	Dr. Jobi George	English	RJELAL	2021	ISSN-2395-2636	https://bmb.ac.in/wp-content/uploads/2022/09/1-Dr.-George-ISSN-2021.pdf	http://www.rjelal.com	Peer Reviewed Refereed International Open Access Journal
Rheological Study of Sterculia Urens and Butea Monosperma Gum From Gadchiroli District, Maharashtra, India	Asst. Prof. Dr. Ashwini K Kadu	Chemistry	IRJSE	Aug.2021	ISSN 2322 –0015	https://bmb.ac.in/wp-content/uploads/2022/09/2-Dr.-A.Kadu-J-ISSN-Aug.-2021.pdf	https://www.irjse.in	Open Access Journal (IM-6.70)

Gum of Sterculia Urens, Anogeissus Latifolia, Acacia Nil Otica: Metal Analysis	Asst. Prof. Dr. Ashwini K Kadu	Chemistry	The International Journal of analytical and experimental modal analysis	May. .2021	ISSN NO:0886-9367	https://bmb.ac.in/wp-content/uploads/2022/09/3-Dr.-A.Kadu-J-ISSN-MAY-2021.pdf	https://ijaema.com	International Journal
Rural Women : Political Leadership and Challenges	Asst. Prof. Dr. Vijay S Dighore	Sociology	AJANTHA	June .2021	ISSN 2277-5730	https://bmb.ac.in/wp-content/uploads/2022/09/4-Dr.-Dighore.pdf	Print	UGC Listed-40776
Dr. Ambedkar's Economic Thoughts: An Overview	Asst. Prof. Dr. Anita V Mahawadiwar	Commerce	TIFAN	June. 2021	ISSN- 2231-573x	https://bmb.ac.in/wp-content/uploads/2022/09/5-Dr.-Mahawadiwar-JUNE-2021-J-ISSN.pdf	Print	UGC Care list

Cooperative Farming and Rural Development: An Overview	Asst. Prof. Dr. Anita V Mahawadiwar	Commerce	BHASHA ANI JIVAN	Dec.2021	ISSN- 2231-4059	https://bmb.ac.in/wp-content/uploads/2022/09/6-Dr.-Mahawadiwar-DEC-2021-J-ISSN..pdf	Print	UGC Care Group-1
Lrs Bianchi Type-I Cosmological Model With Quark And Strange Quark Matter In F(R) Gravity	Asst. Prof. Dr. Ravikanr D Mishra	Mathematics	IRJETS	May. 2021	ISSN 2582-5208	https://bmb.ac.in/wp-content/uploads/2022/09/7-Dr.-Mishra-International-J-May-2021.pdf	https://www.irjmet.com/uploadedfiles/paper/volume3/issue5may2021/1070/1628083447.pdf	International Journal (IF-5.354)
Luminescence Studies of Transition Metal (Cu+ and Ag+ Ions) Activated Alkali Zinc Mixed Phosphate	Asst. Prof. Dr. Yogesh K More	Physics	IJCSRR	May.2021	ISSN-2581-8341	https://bmb.ac.in/wp-content/uploads/2022/09/8-Dr.-More-May-2021-ISSN.pdf	www.ijcsrr.org	International Journal

SYNTHESIS, PHOTOLUMINES CENCE, OPTICALLY STIMULATED LUMINESCENCE AND THERMO LUMINESCENCE CHARACTERISTI CS OF Ce ³⁺ DOPED ZnNaPO ₄ PHOSPHOR	Asst. Prof. Dr. Yogesh K More	Physics	IICAR	May.2021	ISSN- 2277-5730	https://bmb.ac.in/ wp- content/uploads/2 022/09/9-Dr.- More-May-2021.- ISSN.pdf	www.journalij.car.o rg	International Journal (IF- 6.614)
Problems and major challenges of Indian economy	Asso. Prof. Dr. Sunil K.Shinde	Economics	B. Aadhar	Oct. 2021	ISSN- 2278-9308	https://bmb.ac.in/ wp- content/uploads/2 022/09/10-Dr.- Shinde-ISSN-Oct- 2021.pdf	www.aadharsocial.c om	Peer Reviewed International Research Journal(IF- 7.675)
Impact of Covid 19 on Un-organized sector and migrated labours	Asso. Prof. Dr. Sunil K Shinde	Economics	Knowledge	Dec. 2021	ISSN- 2231-1629	https://bmb.ac.in/ wp- content/uploads/2 022/09/11-Dr.- Shinde-Knowledge- ISSN-Jul-to-Dec- 2021.pdf	Print	Peer Reviewed International National Research Journal (IF- 8.072)

The Trajectory of Anguish, Affliction and Suffering in Indian Diaspora Fiction	Asst. Prof. Dr. Vinita S Virgandham	English	RJELAL	2021	ISSN 2395-2636	https://bmb.ac.in/wp-content/uploads/2022/09/12-Dr.-Vinita-RJELAL-2021.pdf	http://www.rjelal.com	Peer Reviewed Refereed International Journal (IF-6.992)
Godaan : Criticism of Life	Asst. Prof. Dr. Vinita S Virgandham	English	Pradnya Sanket	2021	ISSN 2455-0469	https://bmb.ac.in/wp-content/uploads/2022/09/13-Dr.-Vinita-ISSN-21-22-June-2021.pdf	Print	National Multidisciplinary Peer Reviewed Journal
Plight of Parsi Community and Indian Nationalism in Rohinton Mistry's Such a Long Journey	Asst. Prof. Someshwar V Wasekar	English	Knowledge Resonance	Oct. 2021	ISSN- 2231-1629	https://bmb.ac.in/wp-content/uploads/2022/09/14-Asst.-Prof.-Wasekar-May-2021.pdf	Print	Peer Reviewed International National Research Journal (IF-8.072)

Sathotari Marathi Gramin Kathasahitya	Asso. Prof. Dr. Madhukar V Nandanwar	Marathi	Knowledge Resonance	July to Dec. 2021	ISSN- 2231-1629	https://bmb.ac.in/wp-content/uploads/2022/09/15-Dr.-Nandanwar-N-J-2021.pdf	Print	Peer Reviewed International National Research Journal (IF-8.072)
Voicing the Internal Trauma of Female Folk in Anita Desai's "Fire on The Mountain"	Asst. Prof. Dr. Raheel K Quraishi	English	International Research Mirror	Mar-21	ISSN- 2320-544x	https://bmb.ac.in/wp-content/uploads/2023/02/16-Dr.-Quraishi-i-j-Mar.2021-1.pdf	www.ugcjournal.com/IRM	Peer Reviewed International Research Journal (IF-6.77)
Exploration of Feminine Psyche in Anita Desai's Cry, the Peacock and Where Shall We Go This Summer	Asst. Prof. Dr. Raheel K Quraishi	English	B.Aadhar	Mar-21	ISSN-2278-9308	https://bmb.ac.in/wp-content/uploads/2023/02/17-Dr.-Quraishi-I-J-Mar.-2021.pdf	www.aadharsocial.com	Peer Reviewed International Research Journal(IF-7.675)

The Role of Yoga in Building Good Health	Asst. Prof. Dr. Aditya K Sarwe	Phy. Education	B.Aadhar	Feb.2021	ISSN-2278-9308	https://bmb.ac.in/wp-content/uploads/2023/02/18-Dr.-Aditya-Sarwe-Feb-I-J-2021.pdf	www.aadharsocial.com	Peer Reviewed International Research Journal(IF-7.675)
Yoga Nidra: An aspect of healthy living	Asst. Prof. Dr. Aditya K Sarwe	Phy. Education	Shoodh Samiksha Aur Mulyankan	Feb.2021	e-ISSN-2320-5474	https://bmb.ac.in/wp-content/uploads/2023/02/19-Dr.-Aditya-Sarwae-Feb-I-J-2021.pdf	http://www.ugcjourn.com	Peer Reviewed International Research Journal (IF-5.90)
Benefits of Physical Fitness	Asst. Prof. Dr. Aditya K Sarwe	Phy. Education	Shoodh Samiksha Aur Mulyankan	Jan. 2021	e-ISSN-2320-5474	https://bmb.ac.in/wp-content/uploads/2023/09/20-Asst.-Prof.-Dr.-Aditya-Sarwe.pdf	http://www.ugcjourn.com	Peer Reviewed International Research Journal (IF-5.90)

Dr. Yogesh K More	Study of optically stimulated luminescence dosimetric properties of submicron BaSO₄: Eu Phosphor	International Conference	2021	1742-6596	Bhiwapur Mahavidyalaya, Bhiwapur	ICRFS Journal Publication
Dr. Vinita S Virgandham	Devil on the Cross -An Indictment of Political, Social and Economic Conditions in Post-Colonial Kenya	International Conference	Oct. 2021	ISSN- 2349-5189	Bhiwapur Mahavidyalaya, Bhiwapur	Langlit Journal Publication
Dr. Vinita S Virgandham	Social Morality in Godaan	National Webinar	28 & 29 May. 2021	ISSN- 2231-1629	Bhiwapur Mahavidyalaya, Bhiwapur	Knowledge Journal Publication

Name of the Faculty	Title of the Book/Chapters published	Seminar Proceeding/ Chapter in Book etc.	Year of publication	ISBN /ISSN Number of the Proceeding/ Book	Affiliating Institute at the time of Publication	Name of the Publisher
Dr. Jobi George	Crimes Against Women and Its Social Implications on Their Empowerment: An Empirical Study	Chapter in Book	May. 2021	ISBN: 978-93-83664-29-0	Bhiwapur Mahavidyalaya, Bhiwapur	T.M.C. Publication
Dr. Sunil Shinde	GENDER SENSITIZATION AND WOMEN EMPOWERMENT	Edited Book	May. 2021	ISBN: 978-93-83664-29-0	Bhiwapur Mahavidyalaya, Bhiwapur	T.M.C. Publication
Dr. Vinita Virgandham	Representation of Women as Powerful Forces for Self - Emancipation in the Novels of Chitra Banerjee Devakaruni	Chapter in Book	May. 2021	ISBN: 978-93-83664-29-0	Bhiwapur Mahavidyalaya, Bhiwapur	T.M.C. Publication
Dr. Sunil Shinde	Businesses Running through Self-help Group in Bhiwapur Tehsil – An Analysis	Chapter in Book	May. 2021	ISBN: 978-93-83664-29-0	Bhiwapur Mahavidyalaya, Bhiwapur	T.M.C. Publication
Dr. Motiraj Chavhan	Indian Women’s Economic Empowerment through Small Scale Industry	Chapter in Book	May. 2021	ISBN: 978-93-83664-29-0	Bhiwapur Mahavidyalaya, Bhiwapur	T.M.C. Publication
Dr. Raheel Quraishi	Journeys of Identity and Enlightenment: Exploring Ruth Praver Jhabvala’s Novels	Chapter in Book	May. 2021	ISBN: 978-93-83664-29-0	Bhiwapur Mahavidyalaya, Bhiwapur	T.M.C. Publication

Dr. Aditya Sarwe	Breaking Barriers and Shaping History: The Inspiring Journey of Women in Indian Sports	Chapter in Book	May. 2021	ISBN: 978-93-83664-29-0	Bhiwapur Mahavidyalaya, Bhiwapur	T.M.C. Publication
Dr. Rajshree O.P.	Women Empowerment in Nation Building	Chapter in Book	May. 2021	ISBN: 978-93-83664-29-0	Bhiwapur Mahavidyalaya, Bhiwapur	T.M.C. Publication
Dr. Madhukar Nandanwar	Self-help Group and Rural Women's Development	Chapter in Book	May. 2021	ISBN: 978-93-83664-29-0	Bhiwapur Mahavidyalaya, Bhiwapur	T.M.C. Publication
Asst. Prof. Someshwar Wasekar	Social States of Indian Women	Chapter in Book	May. 2021	ISBN: 978-93-83664-29-0	Bhiwapur Mahavidyalaya, Bhiwapur	T.M.C. Publication
Dr. Mangesh Kadu	Women Empowerment - A Historical Analysis	Chapter in Book	May. 2021	ISBN: 978-93-83664-29-0	Bhiwapur Mahavidyalaya, Bhiwapur	T.M.C. Publication
Dr. Anita Mahavadiwar	Role of Law in Empowerment of Women	Chapter in Book	May. 2021	ISBN: 978-93-83664-29-0	Bhiwapur Mahavidyalaya, Bhiwapur	T.M.C. Publication
Dr. Rajesh Bahurupi	Globalization and Rural Women	Chapter in Book	May. 2021	ISBN: 978-93-83664-29-0	Bhiwapur Mahavidyalaya, Bhiwapur	T.M.C. Publication

Dr. Yogesh More	Rural Women and Leadership: A Special Reference to Panchayat Raj	Chapter in Book	May. 2021	ISBN: 978-93-83664-29-0	Bhiwapur Mahavidyalaya, Bhiwapur	T.M.C. Publication
Dr. Ashwini Kadu	Contribution of self-help groups in the development of rural women	Chapter in Book	May. 2021	ISBN: 978-93-83664-29-0	Bhiwapur Mahavidyalaya, Bhiwapur	T.M.C. Publication
Dr. Ravikant Mishra	Rural Women and Self -Help Group	Chapter in Book	May. 2021	ISBN: 978-93-83664-29-0	Bhiwapur Mahavidyalaya, Bhiwapur	T.M.C. Publication
Prof. Amit Thakare	Challenges of Rural Women	Chapter in Book	May. 2021	ISBN: 978-93-83664-29-0	Bhiwapur Mahavidyalaya, Bhiwapur	T.M.C. Publication
Dr. Motiraj R. Chavhan	IMPACT AND OPPORTUNITIES OF COVID-19 PANDEMIC	Edited Book	Nov.2021	ISBN: 978-93-83664-20-7	Bhiwapur Mahavidyalaya, Bhiwapur	T.M.C. Publication
Dr. Jobi George	A Comprehensive Study of Covid-19 Pandemic And Its Colossal Cataclysm on The Indian Socio Economic Edifices	Chapter in Book	Nov.2021	ISBN: 978-93-83664-20-7	Bhiwapur Mahavidyalaya, Bhiwapur	T.M.C. Publication
Dr. Vinita Virgandham	Use of ICT in HELs during COVID-19,Pandemic Challenges and Opportunities	Chapter in Book	Nov.2021	ISBN: 978-93-83664-20-7	Bhiwapur Mahavidyalaya, Bhiwapur	T.M.C. Publication

Dr. Sunil Shinde	The Economic and Social Impact of Covid-19 Pandemic	Chapter in Book	Nov.2021	ISBN: 978-93-83664-20-7	Bhiwapur Mahavidyalaya, Bhiwapur	T.M.C. Publication
Dr. Motiraj Chavhan	The Role of National Service Scheme (NSS) during the Pandemic COVID-19	Chapter in Book	Nov.2021	ISBN: 978-93-83664-20-7	Bhiwapur Mahavidyalaya, Bhiwapur	T.M.C. Publication
Dr. Raheel Quraishi	Resilience and Transformation : The Impact of COVID-19 on Education Systems and Students	Chapter in Book	Nov.2021	ISBN: 978-93-83664-20-7	Bhiwapur Mahavidyalaya, Bhiwapur	T.M.C. Publication
Dr. Aditya Sarwe	The evolving role and Physical Education teacher on Post Pandemic education	Chapter in Book	Nov.2021	ISBN: 978-93-83664-20-7	Bhiwapur Mahavidyalaya, Bhiwapur	T.M.C. Publication
Dr. Rajshree O.P.	Socio-economic impact of COVID-19 Pandemic with special reference to Women & Children	Chapter in Book	Nov.2021	ISBN: 978-93-83664-20-7	Bhiwapur Mahavidyalaya, Bhiwapur	T.M.C. Publication
Dr. Madhukar Nandanwar	The Impact of Covid 19 on Literary Narratives	Chapter in Book	Nov.2021	ISBN: 978-93-83664-20-7	Bhiwapur Mahavidyalaya, Bhiwapur	T.M.C. Publication
Asst. Prof. Someshwar Wasekar	Impact of Pandemic COVID-19 on Education	Chapter in Book	Nov.2021	ISBN: 978-93-83664-20-7	Bhiwapur Mahavidyalaya, Bhiwapur	T.M.C. Publication

Dr.Mangesh Kadu	COVID-19: Government's Accountability and Public Participation	Chapter in Book	Nov.2021	ISBN: 978-93-83664-20-7	Bhiwapur Mahavidyalaya, Bhiwapur	T.M.C. Publication
Dr. Anita Mahavadiwar	Impact of COVID-19 in Industrial Sector	Chapter in Book	Nov.2021	ISBN: 978-93-83664-20-7	Bhiwapur Mahavidyalaya, Bhiwapur	T.M.C. Publication
Dr. Rajesh Bahurupi	The Impact of Corona Virus on Employment	Chapter in Book	Nov.2021	ISBN: 978-93-83664-20-7	Bhiwapur Mahavidyalaya, Bhiwapur	T.M.C. Publication
Dr. Yogesh More	Marathi Literature during the Lockdown Period	Chapter in Book	Nov.2021	ISBN: 978-93-83664-20-7	Bhiwapur Mahavidyalaya, Bhiwapur	T.M.C. Publication
Dr. Ashwini Kadu	The Vaccination Drive of India in COVID-19	Chapter in Book	Nov.2021	ISBN: 978-93-83664-20-7	Bhiwapur Mahavidyalaya, Bhiwapur	T.M.C. Publication
Dr. Ravikant Mishra	Effects of COVID-19 on Education System	Chapter in Book	Nov.2021	ISBN: 978-93-83664-20-7	Bhiwapur Mahavidyalaya, Bhiwapur	T.M.C. Publication
Prof. Amit Thakare	Effects of COVID-19 Pandemic on Animal Biodiversity in India	Chapter in Book	Nov.2021	ISBN: 978-93-83664-20-7	Bhiwapur Mahavidyalaya, Bhiwapur	T.M.C. Publication

Collaborations/ Events / Workshops / Guest Lectures / Extension Activities

Students' involvement was ensured keeping in tandem the protocols of COVID-19 Pandemic issued by competent authorities for activities like Awareness Rallies on De-Addiction, Street Plays, Blood Donation Camps, Medical Camps, Surveys, Tree Plantation Drives, Cleanliness Drives, AIDS Awareness Programmes, Face shield Distribution, and Masks Distribution.

- ✚ Under the MoU of Cluster of Thirteen Institutions, exchange of faculty and students was organized in which 10 teachers from Bhiwapur Mahavidyalaya participated and approximately 568 students were benefitted.
- ✚ Organized Two-Day Faculty Development Programme in collaboration with R.S. Mundle, Arts and Commerce College, Nagpur and Bhiwapur Mahavidyalaya, Bhiwapur on 24th & 25th February 2022.
- ✚ A Guest Lecture on Vedic Maths was organized for the students of all the Institutions under Cluster of Thirteen Institutions on 6th May 2022 under One Student One Skill Programme in which 177 participants registered and 96 students showed their active presence online.
- ✚ A Workshop on Competitive Examination was organized by Bhiwapur Mahavidyalaya on 28th April 2022 in which 100 students were benefitted from all the Institutions under Cluster of Thirteen Institutions.
- ✚ An Online Quiz Competition was held for the students of all the Institutions under Cluster of Thirteen Institutions by the Library and Information Centre of Bhiwapur Mahavidyalaya wherein 65 students displayed their active participation.
- ✚ One-day Research Workshop was organized by Bhiwapur Mahavidyalaya on **“Vishwa Guru Bharat: A Research Journey from Ancient Times to Modern Times”** on 28th April 2022 in which 60 students and teachers participated from all the Institutions under Cluster of Thirteen Institutions.
- ✚ A total of 50 teachers attended Faculty Development Programme on 1st April 2022. 125 participants attended the Faculty Development Programme on ‘Technicalities of Administration in Higher Educational Institutions’ from all the Institutions under Cluster of Thirteen Institutions.
- ✚ National Webinar on ‘Depiction of India’s Freedom Struggle and Reviving Cultural Identities in Indian English Fiction: Pre and Post-Independence Impact as a part of Azadi ka Amrut Mahotsav’ was organized by Vasantnao Naik Government Institute of Arts and Social Sciences, Nagpur, Departments of English in collaborations with Rajkumar

Kewalramani Kanya Mahavidyalaya, Nagpur, Bhiwapur Mahavidyalaya, Bhiwapur and Manoharrao Kamdi Mahavidyalaya, Nagpur on 22nd & 23rd April 2022.

- ✚ Intellectual Property Rights (IPR)- Patent and Designs Process, a Guest Lecture was organized by Bhiwapur Mahavidyalaya in collaboration with Cluster of Thirteen Institutions in which 359 participants registered their presence on WebEx.
- ✚ 342 students were given Insurance cover under Personal Accident Scheme Coverage for College Students initiated by the affiliating Rashtrasant Tukadoji Maharaj, Nagpur University.
- ✚ More than 5801 were benefitted by the Guest lectures and all the activities organized by all the Thirteen Institutions under Cluster of Thirteen Institutions throughout the academic session and was coordinated by Bhiwapur Mahavidyalaya as Soft Skills and Entrepreneurship Development activity was assigned to Bhiwapur Mahavidyalaya.
- ✚ Bhiwapur Mahavidyalaya entered into Memorandum of Understanding between Maharashtra State Entrepreneurship Development and Cluster of Thirteen Institution (CoTI). The MoU was followed by an Awareness Programme for all the Principals, IQAC Coordinators and Skill Development and Entrepreneurship Cell Coordinators of CoTI on 10th March 2022. In all, 21 participants registered for the said awareness programme coordinated by Bhiwapur Mahavidyalaya.
- ✚ One Day Orientation Programme was organized for the Non-teaching Staff of R. S. Mundle, Arts and Commerce College, Nagpur and Bhiwapur Mahavidyalaya, Bhiwapur on 28th October 2021.
- ✚ One Day Educational Field Trip & Industrial Tour to Suryalaxmi Cotton Mill, Nagardhan, Ramtek was organized on 18th April 2021.
- ✚ One Week Covid-19 Vaccination Programme was conducted for the College students in collaboration with Rural Government Hospital, Bhiwapur from 22nd October 2021 to 28th October 2021.
- ✚ One Day Blood Donation Camp was organized jointly by Lokmat Group and Bhiwapur Mahavidyalaya on 6th July 2021.
- ✚ Beti Bhachu Beti Padhau Rally was organized in collaboration with Taluka Vidhi Seva Samiti and Bhiwapur Mahavidyalaya on 2nd October 2021.
- ✚ Arranged an Awareness Rally on Cleanliness and Eradication of Plastic by the NSS Unit and Nehru Yuva Kendra, Bhiwapur on 20th October 2021.
- ✚ Arranged an Awareness Rally and Skit on World AIDS Day in collaboration with Rural Government Hospital, Bhiwapur on 1st December 2021.
- ✚ Arranged University Level One Day Workshop on “Samruddha Bharatasathi Yuvashakti” in collaboration with NSS, R.T.M. Nagpur University, Nagpur 31st March

2022.

- ✚ In all 3407 recipients were benefitted from all the Extension activities organized by various Committees, the NSS and NCC Units of the Institution.

Infrastructure and Learning Resources

The Institution has well maintained infrastructural facilities for running cultural activities, sports and games (Indoor and Outdoor), Indoor Gymnasium, Green Gymnasium and Yoga and Meditation. The optimum use of the facilities available in the Institution is always ensured.

The Institution has 14 Classrooms and one Seminar Hall with Wi-Fi and LAN facilities. The Classrooms were used by faculty during intermittent lift on lockdown to reach out to students online. Expenditure for infrastructure augmentation excluding salary during the year (INR in Lakhs) was Rs. 471764/-. Annual expenditure of purchase of books/e-books and subscription to journals/e-journals during the year (INR in Lakhs) was Rs. 128176/-

A total Number of Senior College students and teachers who visited the library during the Academic Session 2021-2022 was 4721. A total of 128 faculties and students have recorded their footfalls which sums up to 16.92 % use of library per day.

Class rooms are festooned with Interactive Boards, Smart Boards, complete Surveillance System, uninterrupted power back-up with 25 KVA Generator, facility for high-speed communication links, anti-virus for all Computers for the smooth delivery of all its programmes. Our Institution has 95 computers and 3 laptops. We have legal Libman Software for Library Management, CMS software for Office Management, Tally Software and Master Software's dedicated Software for Accounting and ETNL Software for English Language Laboratory. The students-Computer ratio amounts to 1: 7.31 with a total of 717 students in the current Academic Session. The bandwidth of the internet connectivity is \geq **50MBPS**.

A total of Rs. 493964/- expenditure was incurred on maintenance of infrastructure (Physical and academic support facilities) excluding salary component during the year. The Institution has established mechanisms for maintaining and utilizing various support facilities, which include laboratory, library, sports amenities, Computers, classrooms and other facilities. Optimum allocation and utilization of existing and generated resources for the maintenance of various facilities was ensured as mentioned in the Annual Budget.

The 'Students' Grievance and Redressal Cell' addressed students' grievances especially issues related with University's examination through Digital Mode. The 'Anti-Ragging Cell' of the Institution was active and even after the lifting of the Lockdown restrictions and the resuming of regular classes no untoward incident has been reported. Students have organized programmes like Lectures, Workshops, Aids Awareness and De-addiction Rallies, Blood Donation Camps,

Tree Plantation Drives, Cleanliness Drives, Republic Day, Independence Day, International Yoga Day, National Voters' Day and NSS Pandharwada, Sports and Cultural Events.

Bhiwapur Mahavidyalaya's Alumni Association is a registered body under Societies Registration Act, 1860. The Alumni assisted the Institution in organizing various curricular, co-curricular and extra-curricular activities by giving the students ample trainings in One Act Plays, Skits on various social issues, Drama, Dance and other Sports Items.

Governance, Leadership and Management

Some of the Strategies to achieve improvisations in the sustenance of Quality Education were decided as given below:

- Augmentation of Infrastructure.
- Introduction of Add-on Courses / Value Added Courses / Self-financing Courses as part of Skill Development Initiative.
- Proposals to start Post graduate Courses and Research Centre in different disciplines.
- Improving collaborative activities and making MoUs functional.
- Empower students through Entrepreneurship Development Cell and Training and Placement Cell.
- To enhance and synchronize ICT enabled and Traditional Method for effective Curriculum delivery.

As per the strategic plan of the Institution, the Courses under the Skill Development Initiative like Tally, Beauty Culture and 22 other skill-oriented Courses under the flagship of One Student One Skill Programme (OSOSP) run by the Institute with the affiliation of Rashtrasant Tukadoji Maharaj Nagpur University aim and function unceasingly for the empowerment of the students in making them financially independent.

Internal Financial Audit and External Audit

Internal Financial Audit was done to keep track on the administrative expenses incurred during the Financial Year. The Audit includes financial transactions resulting from salary grants, non-salary grants, unaided Courses, grants received from UGC and Scholarships.

External Audit which is conducted by an independent Finance Officer seated in the Joint Director's office. The Office of the Accountant General has a provision of looking into the Audited Statements submitted every five years.

Institutional Values and Best Practices

The Institution adheres to the guidelines of Statutory Bodies regarding the management of

degradable and non-degradable waste. Notices to this effect were affixed on Notice Boards for educating our stakeholders. Waste Management is managed by disposing off the e- waste and Solid Waste through proper mechanisms. The wet solid waste and dry solid waste are stored in red and green coloured Bins separately. Bhiwapur Mahavidyalaya entered into working MOU with M/s SURITEX PVT. LTD for collection, Transportation and Recycling of E-Waste.

The wet solid waste and dry solid waste are stored in red and green coloured Bins separately. Degradable waste like garden waste and canteen waste are collected and the vermicomposting technique is used to fasten the pace of decomposing with the help of earthworms and cow dung.

Best Practices

1. Correction of Language Notebooks of English and Marathi

2. Blood Donation Camp

🌈 Cultural and Extension Activities

The Institution organized events, Awareness campaigns and integrated crosscutting issues relevant to Professional Ethics, Gender Equity and Sensitization, Human Values, Environment and Sustainability into the Curriculum. The Institution organized Corona Awareness Campaign through Street Plays during Covid-19 from 22 June 2021 to 28th June with 85 beneficiaries. World Yoga Day was celebrated on 21st June with 85 participants. Blood Donation Camp was organized on 6th July 2021 with 87 donors. An Awareness Rally on Cleanliness and Eradication of Plastic was organized on 20th Oct 2021. Constitution Day was celebrated on 26th November 2021 with 50 participants.

Our students participated in the University Level Quiz Competition arranged by L D Balkhande College of Arts and Commerce, Pauni. Ku. Pradya Kalarkar and Ku. Rinku Ramesh Meshram won third positions.

Gender Equity and Sensitization

The Institution is aware of its accountability towards women and hence their safety, security and well-being on Campus are our utmost priority. The percentage of women enrolled in our Institution is comparatively more than that of the percentage of boys enrolled. In 2021-2022, against 33% of enrollment of girl students in NCC and NSS, we enrolled 33 % and 73 % of girl students respectively. Girls' Common room with a Sanitary Napkin Vending Machine, Cardiac Section in Gymnasium and separate MPSC study room are the other facilities open for the girl students. Women's Hostel facility is available for 60 girl students.

Guest Lecture of Mrs. Vijaya Marotkar was organized on "PORI JARA JAPUN" (Trans. Eng. GIRLS BE CAUTIOUS). Students of both the genders were given equal opportunities in all the activities for maintaining gender equity and sensitization in curricular and co-curricular activities.

The Anti-Ragging Cell ensures dissemination of information on ragging and its repercussions on

them. Students' Grievance and Redressal Cell along with Students' Counseling Centre caters to the students' issues. Participation of Women in ICC, NCC, NSS and all the co-curricular and extra-curricular Committees are ensured. Complaint Boxes are installed in the College where students can drop in their complaints.

Extension and Outreach Programmes

The Institution realizes its Institutional Social Responsibilities. The Institution through its extension activities ensures equality while discharging its social responsibilities in public Sphere as well as in the Institution.

Cultural Activities

The Cultural Committee identifies the regional cultures and plans activities accordingly to give wider exposure to students through dance, drama, and prevalent folk culture. This in turn helps the students to value and respect the culture and traditions of different regions.

Awards and Recognitions

In all 14 awards/appreciation letters were given to the Institution for its Extension activities- for organizing Blood Donation Camps and also for coordinating and collaborating with various Government Bodies for conducting Awareness Campaigns.

Institution's thrust areas are its fulfillment of Vision and Mission, which entrusts the Institution to work towards the holistic development, employability and enhancement of skills for life.

The Summary of Internal Quality Assurance Cell is Prepared and Submitted by -

Dr. Vinita S Virgandham

IQAC Coordinator

Date- 20 August 2022

Place – Bhiwapur

**JOB
GEORGE** Digitally signed
by JOB GEORGE
Date: 2024.02.14
13:22:24 +05'30'

Principal
Bhiwapur Mahavidyalaya



BACKWARD CLASS YOUTH RELIEF COMMITTEE'S
BHIWAPUR MAHAVIDYALAYA

BHIWAPUR DIST. NAGPUR- 441201

AFFILIATED TO RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY, NAGPUR

E-mail: bmv_bhiwapur@yahoo.com; bgm.college1990@gmail.com Website: <https://www.bmb.ac.in>

//www.bmb.ac.in

Tel: 07106-232349

Schedule of Activities undertaken for Re-Accreditation
Internal Quality Assurance Cell
Tentative Activity Calendar 2021-2022

May 2021

S. No	Name of the Committee	Name of the Activity	Member Secretary	Date
1	Prospectus Committee	Print of Prospectus	Chairman (Principal) Dr. Jobi George M.S – Asst. Prof. Dr. M.V. Kadu	On or before 31/5/21

July 2021

S. No	Name of the Committee	Name of the Activity	Member Secretary	Date
1	Games Committee	Proposals to the University	Asst. Prof. A. K. Sarwe	Continuous in Nature

August -2021

S. No	Name of the Committee	Name of the Activity	Member Secretary/Nodal Officer	Date
1	Library Committee	Collection of requirement of Reference books etc.	Asst. Prof. Rajshree O. P.	Continuous in Nature
2	Syllabus Compliance Committee	Month wise distribution of Syllabus (Workbook)	Asst. Prof. S. Wasekar	Continuous in Nature
3	Library Committee	Orientation Programme -Staff	Asst. Prof. Rajshree O. P.	Continuous in Nature
4	Library Committee	Order of Books required as per the demand	Asst. Prof. Rajshree O. P.	Continuous in Nature

5	Committee for Subject Literary Association	Schedule for approval –Subject Literary Associations	Associate Prof. Dr. M. Nandanwar	Continuous in Nature
6	Library Committee	Order of Books required as per the demand	Asst. Prof. Rajshree O. P.	Continuous in Nature
7	Competitive Exam Committee	Final Schedule of lectures	Asst. Prof. Dr. M. R. Chavhan	Continuous in Nature
8	Criteria -II	Meeting of Research Consultancy & Extension Committee	Associate Prof. Dr. S. K. Shinde	Continuous in Nature
9	Committee for Sub Literary Association	Schedule for approval of guest lectures	Associate Prof. Dr. Nandanwar	Continuous in Nature
10	Alumni Committee	Alumni meeting	Asst. Prof. Dr. V .S. Dighore	15/10/21 and 10/11/21
11	NSS	Finalize One/Two Extension activity	Asst. Prof. Dr. M. R. Chavhan	15/12/21 and 2/10/21 and 08/12/21
12	Guidance & Placement Cell	Grooming Session	Asst. Prof. Ashish Talekar	Continuous in Nature
14	NCC	Guard of Honour	Asst. Prof. Dr. Yogesh More	15 th August and 26 January
15	Eco-Club	Regular audit, Maintenance	Asst. Prof. Amit S. Thakare	Continuous in Nature
16	Eco-Club	Submission of plan for beautification of approach road	Asst. Prof. Amit S. Thakare	Continuous in Nature
17	Eco-Club	DPR of Water Harvesting (Best practice)	Asst. Prof. Amit S. Thakare	Continuous in Nature
18	Eco-Club	Plant 100 saplings	Asst. Prof. Amit S. Thakare	Before 15/12/21
19	Eco-Club	Regular audit plan for protection of all plants	Asst. Prof. Amit S. Thakare	Continuous in Nature

20	Admission & Attendance	Innovative plans	Associate Prof .Dr. S. K. Shinde	Continuous in Nature
21	Criteria -II	Consultancy policy finalization	Associate Prof. Dr. S. K. Shinde	Continuous in Nature
22	Library Committee	Orientation Program-Students	Asst. Prof. Rajshree O. P.	Continuous in Nature
24	Seminar & Symposia Committee	One day workshop – Non – teaching	Asst. Prof. Dr. M. R. Chavhan	Continuous in Nature
25	Students' Centre	Submission of budget & Approval	Asst. Prof. Rajshree O. P.	Continuous in Nature
26	Feedback Committee	Feedback	Asst. Prof. Dr. M. V. Kadu	20/12/21and 15/02/22
27	Committee for Sub Literacy Association	Schedule for approval Educational & Cultural events	Associate Prof. Dr. Nandanwar	Continuous in Nature
30	Eco –Club		Asst. Prof. Amit S. Thakare	Continuous in nature
31	Population & Adult Education	Health Check - up Camp	Associate Prof. Dr. Nandanwar	Continuous in nature
32	De-Addiction Committee	Programme for students	Asst. Prof. A. K. Sarwe	Continuous in nature
33	Criteria -II	Specify academic & Admin policies...	Associate Prof. Dr. S. K. Shinde	Continuous in nature
34	Criteria -II	Seminar ...to educate students on research	Associate Prof. Dr. S. K. Shinde	Continuous in nature
35	Committee for promoting ICT	Submission of Graph of Computer literacy rate	Asst. Prof. Dr. R. Mishra	Continuous in nature
36	Guidance & Placement Cell	Career Guidance Lecture by experts	Asst. Prof. Ashish Talekar	Continuous in Nature
37	Guidance & Placement Cell	Schedule of 2 Placements before Diwali	Asst. Prof. Ashish Talekar	Continuous in Nature
38	Research journal publication	Settlement of accounts of VIBGYOR (Marathi)	Asst. Prof. Sachin Kubade	On or Before 25/10/22

39	Use of ICT	Graph of Computer Literacy	Asst. Prof. Dr. R. Mishra	Continuous in Nature
40	Students' Counselling Centre	Lecture of Psychiatrist	Asst. Prof. Dr. V. S. Dighore	Continuous in Nature
42	Anti-Ragging Committee	Community Centre	Asst. Prof. Dr. M. V. Kadu	Continuous in Nature
43	Cultural Committee	Identification of students with talent	Asst. Prof. Someshwar Wasekar	Continuous in Nature
44	NSS	Proposals to University -camp	Asst. Prof. Dr. M. R. Chavhan	Continuous in Nature
45	Anti-Ragging Committee	Orientation Programme	Asst. Prof. Dr. M.V. Kadu	Continuous in Nature
46	Competitive Exam Committee	Motivational Speeches	Asst. Prof. Dr. M. R. Chavhan	Continuous in Nature
47	Teaching Learning Evaluation	7 Key Indicators 3 Nodal Officers	Asst. Prof. S. Wasekar	Continuous In Nature

September-2021

S. No	Name of the Committee	Name of the Activity	Member Secretary	Date
1	Games Committee	Training of Badminton & Table Tennis	Asst. Prof. A. K. Sarwe	01/10/20 to 10/10/20
2	ICC	Address on various issues by experts	Asst. Prof. Mrs Rajshree O. P.	Continuous in Nature
3	Criteria –II	Meeting of Research Consultancy & Extension Committee	Associate Prof. Dr. S. K. Shinde	Continuous in Nature
5	Anti-Ragging Committee	Guest Lecture ...	Asst. Prof. Dr. M. V. Kadu	Continuous in Nature
6	Eco –Club	DPR Botanical garden ...etc	Asst. Prof. Amit S. Thakare	Continuous in Nature
8	Eco –Club	Short Film on Consequences of Global Warming	Asst. Prof. Amit S. Thakare	Continuous in Nature

9	Guidance & Placement Cell	Grooming Session	Asst. Prof. Ashsh Talekar	Continuous in Nature
10	Games Committee	Proposals to the University	Asst. Prof. A. K. Sarwe	Continuous in Nature
11	Admission & Attendance	Total absentees (<75%)	Associate Prof. Dr. S. K. Shinde	Continuous in Nature

October 2021

S. No	Name of the Committee	Name of the Activity	Member Secretary	Date
1	De-addiction Committee	Special Cleanliness Drive	Asst. Prof. A. K. Sarwe	2/10/2021
2	NSS	Peace rally	Asst. Prof. Dr. M. R. Chavhan	2/10/2021
3	Cultural Committee	Celebration of Gandhi Jayanti	Asst. Prof. S. Wasekar	2/10/2021
4	Admission & Attendance	Attendance list –exam committee	Associate Prof. Dr. S. K. Shinde	Continuous in Nature
5	Committee for B. Voc.	New Topics of CoPs	Asst. Prof. Dr. A. V. Mahawadiwar	Continuous in Nature
7	Alumni Committee	Alumni meeting (New Body)	Asst. Prof. Dr. V. S. Dighore	15/10/2021 and 10/11/2021
8	Criteria -II	Meeting of Research Consultancy & Extension Committee	Associate Prof. Dr. S. K. Shinde	Continuous in Nature
9	Students' Counselling Centre	Submission of Case studies	Asst. Prof. Dr. V. S. Dighore	Continuous in Nature
10	Additional assignment Seminar & Symposia Committee	Submission of proposals – Best Practices	Asst. Prof. Dr. M. R. Chavhan	Continuous in Nature
11	Guidance & Placement Cell	Grooming Session	Asst. Prof. Ashish Talekar	Continuous in Nature

12	Criteria -II	Extension – Health Care...	Asst. Prof. S. Wasekar	Continuous in Nature
13	Games Committee	Training sessions during winter vacations	Asst. Prof. A. K. Sarwe	Continuous in Nature
14	Seminar & Symposia Committee	Proposal –NAAC	Asst. Prof. Dr. M. R. Chavhan	Continuous in Nature
15	Guidance & Placement Cell	Career Guidance Lecture by experts	Asst. Prof. Ashish Talekar	Continuous in Nature
16	Cultural Committee	Purchase of High End Camera & Electric Organ	Asst. Prof. Someshwar Wasekar	Continuous in Nature

November 2021

S. No	Name of the Committee	Name of the Activity	Member Secretary	Date
1	Library Committee	One day Inter University Workshop with support of associated colleges	Asst. Prof. Rajshree O. P.	Continuous in Nature
2	NCC	Purchase of air guns	Asst. Prof. Dr. Yogesh More	On or before 31/03/22.
3	Guidance & Placement Cell	Grooming Session	Asst. Prof. Ashish Talekar	Continuous in Nature
4	Anti-Ragging Committee	Posters before	Asst. Prof. Dr. M. V. Kadu	Continuous in Nature
5	Alumni Committee	Registration of Alumni body with Charity Commissioner's Office	Asst. Prof. Dr. V. S. Dighore	Continuous in Nature
6	Guidance & Placement Cell	Schedule of 2 Placements Post Diwali	Asst. Prof. Ashish Talekar	Continuous in Nature
7	Research journal publication	Resubmission of VIBGYOR to UGC	Asst. Prof. Sachin Kubade	24/12/21

December 2021

S. No	Name of the Committee	Name of the Activity	Member Secretary	Date
1	Cultural Committee	Expert Lecture on the thoughts of Dr. Babasaheb Ambedkar	Asst. Prof. Someshwar Wasekar	6/12/2021
2	NSS	Blood Donation Camp	Asst. Prof. Dr. M. R. Chavhan	08/12/2021
3	Women's Study Centre	Expert Lecture	Asst. Prof. Dr. A. Mahawadiwar	09/12/2021
4	Games Committee	Inauguration of Indoor Sports Complex & Swimming Pool	Asst. Prof. A. K. Sarwe	Continuous in Nature
5	De-Addiction Committee	Programme for students	Asst. Prof. A. K. Sarwe	Continuous in Nature
6	Attendance Committee	Total absentees (<75%)	Asst. Prof. Dr. R. Bahurupi	15/12/2021 and 15/02/2022
7	Criteria -II	Meeting of Research Consultancy & Extension Committee	Associate Prof. Dr. S. K. Shinde	Continuous in Nature
8	Criteria -II	Extension	Asst. Prof S. Wasekar	Continuous in Nature
10	Eco - Club	DPR Wormy Compost	Asst. Prof. Amit S. Thakare	Continuous in Nature
11	Guidance & Placement Cell	Career Guidance Lecture by experts	Asst. Prof. Ashish Talekar	Continuous in Nature
12	Students' Counselling Centre	Lecture of Psychiatrist	Asst. Prof. Dr. V. S. Dighore	Continuous in Nature
13	Guidance & Placement Cell	Grooming Session	Asst. Prof. Ashish Talekar	Continuous in Nature

January 2022

S. No	Name of the Committee	Name of the Activity	Member Secretary	Date
1	Students' Counselling Centre	Lecture on "Examination & Stress	Asst. Prof. Dr. V. S. Dighore	Continuous in Nature
2	Admission & Attendance	Attendance list –exam committee	Associate Prof. Dr. K. Shinde	Continuous in Nature
3	Guidance & Placement Cell	Grooming Session	Asst. Prof. Ashish Talekar	Continuous in Nature
4	Criteria -II	Meeting of Research Consultancy & Extension Committee	Associate Prof. Dr. S. K. Shinde	Continuous in Nature
5	Feedback Committee	Feedback	Asst. Prof. Dr. M. V. Kadu	20/12/21 and 15/02/2022
6	Alumni Committee	Alumni meeting (New Body)	Asst. Prof. Dr. V. S. Dighore	15/10/21 and 10/11/21
7	NCC	Guard of Honour	Asst. Prof. Dr. Yogesh More	26 th January and 15 th August
8	Seminar & Symposia Committee	One day workshop – Non – teaching	Asst. Prof. Dr. M. R. Chavhan	Continuous in Nature
9	Seminar & Symposia Committee	National Seminar	Asst. Prof. Dr. M. R. Chavhan	Continuous in Nature

February 2022

S. No	Name of the Committee	Name of the Activity	Member Secretary	Date
1	Seminar & Symposia Committee	National Seminar	Asst. Prof. Dr. M.R. Chavhan	Continuous in Nature
2	Competitive Exam Committee	Motivational Speeches	Asst. Prof. Dr. M. R. Chavhan	Continuous in nature
3	Guidance & Placement Cell	Grooming Session	Asst. Prof. Ashish Talekar	Continuous in nature

4	Guidance & Placement Cell	Career Guidance Lecture by experts	Asst. Prof. Ashish Talekar	Continuous in Nature
---	---------------------------	------------------------------------	----------------------------	----------------------

March 2022

S. No	Name of the Committee	Name of the Activity	Member Secretary	Date
1	Guidance & Placement Cell	Grooming Session	Asst. Prof. Ashish Talekar	Continuous in Nature
2	Criteria -II	Meeting of Research Consultancy & Extension Committee	Associate Prof. Dr. S. K. Shinde	Continuous in Nature
3	Magazine Committee	Publication	Associate Prof. Dr. M. V. Nandanwar	Before 31/03/2022

May 2022

S. No	Name of the Committee	Name of the Activity	Member Secretary	Date
1	Games Committee	Training sessions during winter vacations	Asst. Prof. A. K. Sarwe	Continuous in Nature

**JOB
GEORGE**

Digitally signed by JOBI GEORGE
 DN: c=IN, o=PERSONAL,
 pseudonym=3a8980bc170242dc92330fd6
 5dc8f69e,
 2.5.4.20=fa70301aa4dd11604cf952ca3e687
 d677dd563b72fd75fc5c18d8053ff51967d,
 postalCode=441203, st=MAHARASHTRA,
 serialNumber=ebb27458cc918b4a76ebef2
 d58e01e8cfae03a94adfced5f7f000d3229
 ebd5, cn=JOBBI GEORGE
 Date: 2023.01.25 11:18:49 +05'30'

Principal
 Bhiwapur Mahavidyalaya
 Bhiwapur, Dist.-Nagpur



Backward Class Youth relief Committee's

BHIWAPUR MAHAVIDYALAYA, BHIWAPUR

Dist. Nagpur, Maharashtra 441201

Accredited with Grade 'B' (CGPA-2.54) by NAAC, Bengaluru
ISO-9001:2015

29 August 2022

DECLARATION

I, Dr. Jobi George, Principal of Bhiwapur Mahavidyalaya, Bhiwapur humbly apprise the Authorities concerned that the Feedback has been collected in dual mode; Offline and Online.

The reasons for the above are as follows;

- All the students do not possess Android mobile handsets.
- The handsets available with some of the students are being shared by their siblings for educational purposes.
- As the students enrolled in the Institution hail from far of places, the Network connectivity stands to be a prominent issue.
- To overcome all these obstacles and giving due reverence to all those stakeholders who by volition came forward to fill in the Feedback Forms, on demand, were given hardcopies to be filled.
- Thus, the analysis and Action Taken Report has been generated for the perusal of the Authorities concerned and improvisations to be initiated by the Institution.

The above information is true to the best of my knowledge.

Dr. Jobi George
Principal
Bhiwapur Mahavidyalaya

Place – Bhiwapur
Date- 29 August 2022





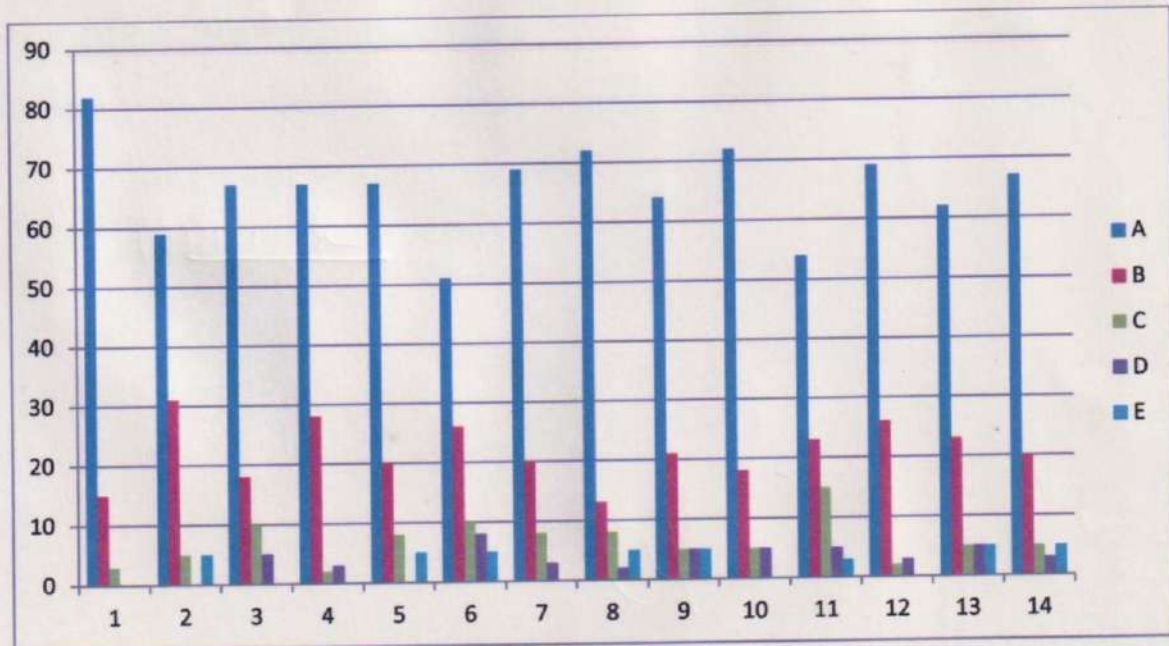
Backward Class Youth relief Committee's
BHIWAPUR MAHAVIDYALAYA, BHIWAPUR

Dist. Nagpur, Maharashtra 441201
 Accredited with Grade 'B' (CGPA-2.54) by NAAC, Bengaluru
 ISO-9001:2015

Academic Session – 2021-22
Feedback from students on Teaching Learning and Evaluation
 Bachelor of Commerce even semester

Link pasted -<https://forms.gle/ebmVuBbKQkwnapa16>

Feedback	Analysis	Remarks and Suggestions	Action Taken
Feedback from students on Teaching-Learning and Evaluation	<p>Learners have given their Responses on a 5 -point Likert Scale for-</p> <p>Option A- Strongly agree- 3.29</p> <p>Option B- agree- 1.08</p> <p>Option C- Neither agree nor disagree - 0.33</p> <p>Option D- Disagree- 0.17</p> <p>Option E- Strongly disagree- 0.14</p> <p><i>The mode of collection was online Goggle form</i></p>	Some Teachers were not very comfortable using ICT enabled tools for the purpose of Teaching and Learning	The subject teachers were informed about their individual scores and they were also encouraged to be more ICT friendly in terms of Teaching and Learning.



On X-axis – Question number



[Signature]
 PRINCIPAL
 Bhiwapur Mahavidyalaya
 Bhiwapur, Dist. Nagpur

On Y-axis- Response in %

- A- Strongly agree
- B- Agree
- C- Neither agree nor disagree
- D- Disagree
- E- Strongly disagree

For question 1 – More than 80% students strongly agreed, 15% agreed and 3% neither agreed nor disagreed.

Interpretation- More than 80% students strongly agreed, 15% agreed and 3% neither agreed nor disagreed that they understand the depth of the course.

For question 2- 59% students strongly agreed, 31% agreed, 5% neither agreed nor disagreed and 5% strongly disagreed

Interpretation- 59% students strongly agreed, 31% agreed, 5% neither agreed nor disagreed and 5% strongly disagreed that extent of coverage of course taught by teacher.

For question 3- 67% students strongly agreed, 18% agreed, 10% neither agreed nor disagreed and 5% disagreed.

Interpretation- 67% students strongly agreed, 18% agreed, 10% neither agreed nor disagreed and 5% disagreed that the ability of the teacher to relate the topic with current situation.

For question 4- 67% students strongly agreed, 28% agreed, 2% neither agreed nor disagreed and 3% disagreed.

Interpretation- 67% students strongly agreed, 28% agreed, 2% neither agreed nor disagreed and 3% disagreed that the entire syllabus is completed in the stipulated time frame.

For question 5- 67% students strongly agreed, 20% agreed, 8% neither agreed nor disagreed and 5% strongly disagreed.

Interpretation- 67% students strongly agreed, 20% agreed, 8% neither agreed nor disagreed and 5% strongly disagreed that teachers are punctual and regular in taking practical and tutorial classes.

For question 6- 51% students strongly agreed 26% agreed, 10% neither agreed nor disagreed, 8% disagreed and 5% strongly disagreed.

Interpretation- 51% students strongly agreed, 26% agreed, 10% neither agreed nor disagreed, 8% disagreed and 5% strongly disagreed that the ICT in the form of web sources, power point presentations are a regular feature of the classroom.

For question 7- 69% students strongly agreed, 20% agreed, 8% neither agreed nor disagreed and 3% disagreed.



Interpretation- 63% students strongly agreed, 29% agreed, 5% disagreed and 3% strongly disagreed that Values are taught from the prescribed syllabus in terms of knowledge, concepts, manual skills, analytical abilities and broadening perspectives.

For question 10- 64% students strongly agreed, 28% agreed, 3% neither agreed nor disagreed, 4% disagreed and 1% strongly disagreed

Interpretation- 64% students strongly agreed, 28% agreed, 3% neither agreed nor disagreed, 4% disagreed and 1% strongly disagreed that Periodical assessments are conducted as per the given schedule.

For question 11- 59% students strongly agreed 29% agreed, 4% neither agreed nor disagreed, 2% disagreed and 6% strongly disagreed.

Interpretation- 59% students strongly agreed, 29% agreed, 4% neither agreed nor disagreed, 2% disagreed and 6% strongly disagreed that Evaluation is fair and unbiased.

For question 12- 63% students strongly agreed 30% agreed, 3% neither agreed nor disagreed, 2% disagreed and 2% strongly disagreed.

Interpretation- 63% students strongly agreed, 30% agreed, 3% neither agreed nor disagreed, 2% disagreed and 2% strongly disagreed that Regular and timely feedback is given for further improvement.

For question 13- 55% students strongly agreed, 33% agreed, 7% neither agreed nor disagreed and 5% disagreed.

Interpretation- 55% students strongly agreed, 33% agreed, 7% neither agreed nor disagreed and 5% disagreed that Teachers are accessible even after lectures.

For question 14- 65% students strongly agreed, 30% agreed, 4% neither agreed nor disagreed and 1% disagreed.

Interpretation- 65% students strongly agreed, 30% agreed, 4% neither agreed nor disagreed and 1% disagreed that Teachers are instrumental in personality development of the students



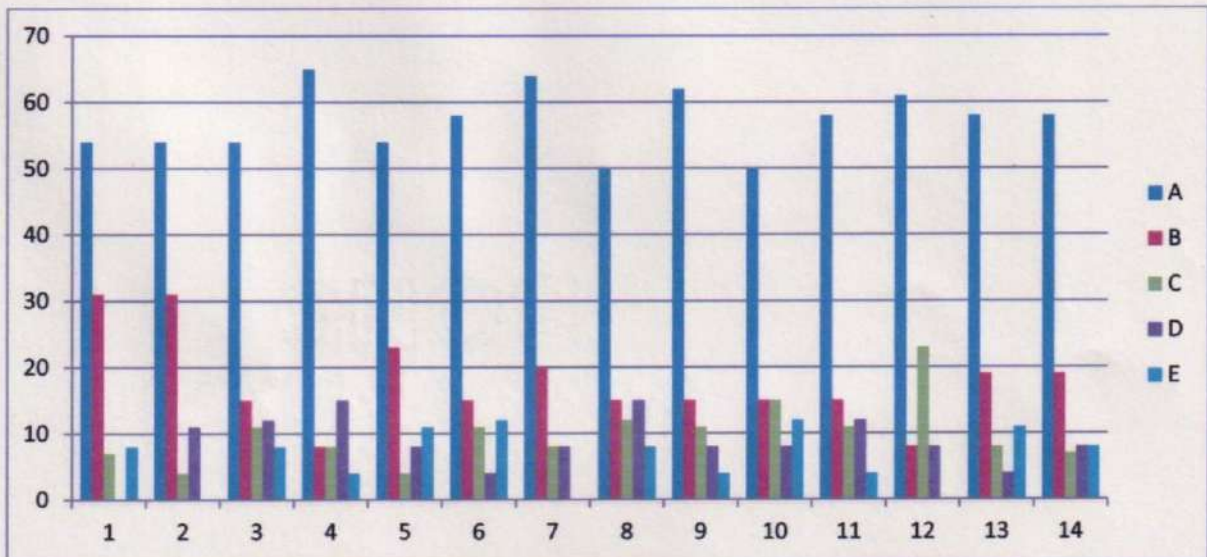
A handwritten signature in blue ink, appearing to read "Ashwini".

PRINCIPAL
Bhiwapur Mahavidyalaya
Bhiwapur, Dist. Nagpur

Bachelor of Vocation

Link pasted below- <https://forms.gle/oxVU4fpsy7AjNmcq6>

Feedback	Analysis	Remarks and Suggestions	Action Taken
Feedback from students on Teaching-Learning and Evaluation	<p>Learners have given their Response on a 5 -point Likert Scale for-</p> <p>Option A- Strongly agree- 2.86</p> <p>Option B- agree- 0.89</p> <p>Option C- Neither agree nor disagree - 0.50</p> <p>Option D- Disagree- 0.43</p> <p>Option E- Strongly disagree- 0.32</p> <p><i>The mode of collection was online Goggle form</i></p>	Some Teachers were not very comfortable using ICT enabled tools for the purpose of Teaching and Learning	The subject teachers were informed about their individual scores and they were also encouraged to be more ICT friendly in terms of Teaching and Learning.



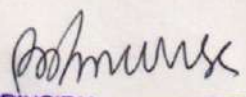
On X-axis – Question number

On Y-axis- Response in %

- A- Strongly agree
- B- Agree
- C- Neither agree nor disagree
- D- Disagree
- E- Strongly disagree

For question 1 – More than 50% students strongly agreed, 31% agreed and 7% neither agreed nor disagreed and 8% strongly disagreed.




 PRINCIPAL
 Bhiwapur Mahavidyalaya
 Bhiwapur, Dist. Nagpur

Interpretation- More than 50% students strongly agreed, 31% agreed and 7% neither agreed nor disagreed and 8% strongly disagreed that they understand the depth of the course.

For question 2- 54% students strongly agreed, 31% agreed, 4% neither agreed nor disagreed and 11% disagreed

Interpretation- 54% students strongly agreed, 31% agreed, 4% neither agreed nor disagreed and 11% disagreed that extent of coverage of course taught by teacher.

For question 3- 54% students strongly agreed 15% agreed, 11% neither agreed nor disagreed, 12% disagreed and 8% strongly disagreed.

Interpretation- 54% students strongly agreed, 15% agreed, 11% neither agreed nor disagreed, 12% disagreed and 8% strongly disagreed that the ability of the teacher to relate the topic with current situation.

For question 4- 65% students strongly agreed 8% agreed, 8% neither agreed nor disagreed, 15% disagreed and 4% strongly disagreed.

Interpretation- 65% students strongly agreed, 8% agreed, 8% neither agreed nor disagreed, 15% disagreed and 4% strongly disagreed that the entire syllabus is completed in the stipulated time frame.

For question 5- 54% students strongly agreed 23% agreed, 4% neither agreed nor disagreed, 8% disagreed and 11% strongly disagreed.

Interpretation- 54% students strongly agreed, 23% agreed, 4% neither agreed nor disagreed, 8% disagreed and 11% strongly disagreed that teachers are punctual and regular in taking practical and tutorial classes.

For question 6- 58% students strongly agreed 15% agreed, 11% neither agreed nor disagreed, 4% disagreed and 12% strongly disagreed.

Interpretation- 58% students strongly agreed, 15% agreed, 11% neither agreed nor disagreed, 4% disagreed and 12% strongly disagreed that the ICT in the form of web sources, power point presentations are a regular feature of the classroom.

For question 7- 64% students strongly agreed, 20% agreed, 8% neither agreed nor disagreed and 8% disagreed.

Interpretation- 69% students strongly agreed, 20% agreed, 8% neither agreed nor disagreed and 3% disagreed that explanation of textual reading material with clarity and relevance

For question 8- 50% students strongly agreed 15% agreed, 12% neither agreed nor disagreed, 15% disagreed and 8% strongly disagreed.

Interpretation- 50% students strongly agreed, 15% agreed, 12% neither agreed nor disagreed, 15% disagreed and 8% strongly disagreed that Information regarding additional reading sources is given.



For question 9- 62% students strongly agreed 15% agreed, 11% neither agreed nor disagreed, 8% disagreed and 4% strongly disagreed.

Interpretation- 62% students strongly agreed, 15% agreed, 11% neither agreed nor disagreed, 8% disagreed and 4% strongly disagreed that Values are taught from the prescribed syllabus in terms of knowledge, concepts, manual skills, analytical abilities and broadening perspectives.

For question 10- 50% students strongly agreed 15% agreed, 15% neither agreed nor disagreed, 8% disagreed and 12% strongly disagreed.

Interpretation- 50% students strongly agreed, 15% agreed, 15% neither agreed nor disagreed, 8% disagreed and 12% strongly disagreed that Periodical assessments are conducted as per the given schedule.

For question 11- 58% students strongly agreed 15% agreed, 11% neither agreed nor disagreed, 12% disagreed and 4% strongly disagreed.

Interpretation- 58% students strongly agreed, 15% agreed, 11% neither agreed nor disagreed, 12% disagreed and 4% strongly disagreed that Evaluation is fair and unbiased.

For question 12- 61% students strongly agreed, 8% agreed, 23% neither agreed nor disagreed and 8% disagreed.

Interpretation- 61% students strongly agreed, 8% agreed, 23% neither agreed nor disagreed and 8% disagreed that Regular and timely feedback is given for further improvement.

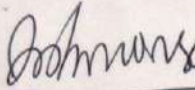
For question 13- 58% students strongly agreed 19% agreed, 8% neither agreed nor disagreed, 4% disagreed and 11% strongly disagreed.

Interpretation- 58% students strongly agreed, 19% agreed, 8% neither agreed nor disagreed, 4% disagreed and 11% strongly disagreed that Teachers are accessible even after lectures.

For question 14- 58% students strongly agreed 19% agreed, 7% neither agreed nor disagreed, 8% disagreed and 8% strongly disagreed.

Interpretation- 58% students strongly agreed, 19% agreed, 7% neither agreed nor disagreed, 8% disagreed and 8% strongly disagreed that Teachers are instrumental in personality development of the students.

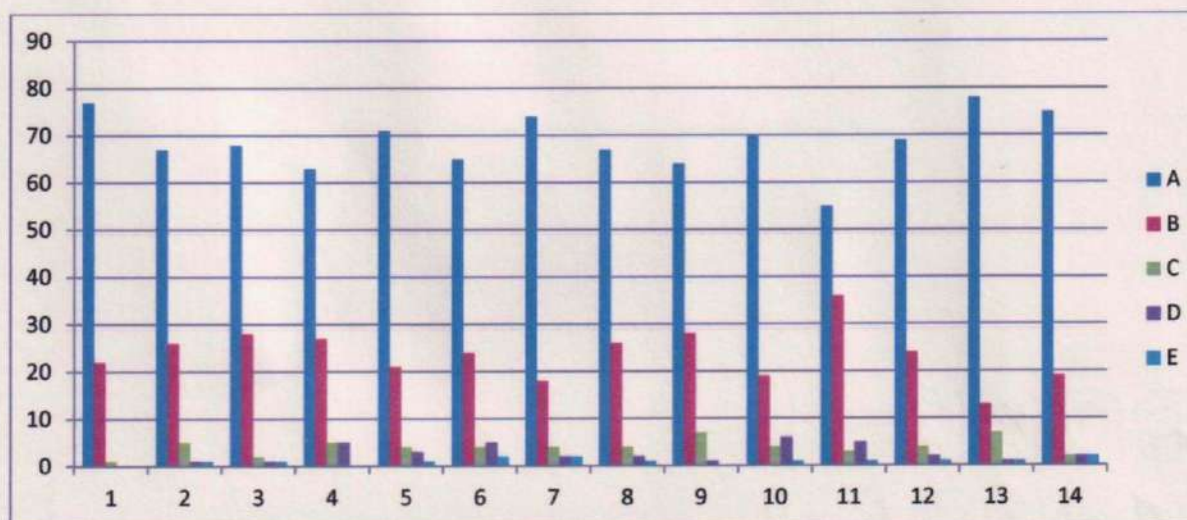



PRINCIPAL
Bhiwapur Mahavidyalaya
Bhiwapur, Dist. Nagpur

Bachelor of Science

Link pasted below- <https://forms.gle/eRVbW1kHirc1dnu99>

Feedback	Analysis	Remarks and Suggestions	Action Taken
Feedback from students on Teaching-Learning and Evaluation	<p>Learners have given their Response on a 5 -point Likert Scale for-</p> <p>Option A- Strongly agree- 3.44</p> <p>Option B- agree- 1.18</p> <p>Option C- Neither agree nor disagree - 0.20</p> <p>Option D- Disagree- 0.13</p> <p>Option E- Strongly disagree- 0.05</p> <p><i>The mode of collection was online Goggle form</i></p>	Some Teachers were not very comfortable using ICT enabled tools for the purpose of Teaching and Learning	The subject teachers were informed about their individual scores and they were also encouraged to be more ICT friendly in terms of Teaching and Learning.



On X-axis – Question number

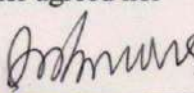
On Y-axis- Response in %

- A- Strongly agree
- B- Agree
- C- Neither agree nor disagree
- D- Disagree
- E- Strongly disagree

For question 1 – 77% students strongly agreed, 22% agreed and 1% neither agreed nor disagreed.

Interpretation- 77% students strongly agreed, 22% agreed and 1% neither agreed nor disagreed that they understand the depth of the course.




PRINCIPAL
 Bhiwapur Mahavidyalaya
 Bhiwapur, Dist. Nagpur

For question 2- 67% students strongly agreed, 26% agreed, 5% neither agreed nor disagreed, 1% disagreed and 1% strongly disagreed

Interpretation- 67% students strongly agreed, 26% agreed, 5% neither agreed nor disagreed, 1% disagreed and 1% strongly disagreed that extent of coverage of course taught by teacher.

For question 3- 68% students strongly agreed 28% agreed, 2% neither agreed nor disagreed, 1% disagreed and 1% strongly disagreed.

Interpretation- 68% students strongly agreed, 28% agreed, 2% neither agreed nor disagreed, 1% disagreed and 1% strongly disagreed that the ability of the teacher to relate the topic with current situation.

For question 4- 63% students strongly agreed, 27% agreed, 5% neither agreed nor disagreed and 5% disagreed.

Interpretation- 63% students strongly agreed, 27% agreed, 5% neither agreed nor disagreed and 5% disagreed that the entire syllabus is completed in the stipulated time frame.

For question 5- 71% students strongly agreed 21% agreed, 4% neither agreed nor disagreed, 1% disagreed and 1% strongly disagreed.

Interpretation- 71% students strongly agreed, 21% agreed, 4% neither agreed nor disagreed, 1% disagreed and 1% strongly disagreed that teachers are punctual and regular in taking practical and tutorial classes.

For question 6- 65% students strongly agreed 24% agreed, 4% neither agreed nor disagreed, 5% disagreed and 2% strongly disagreed.

Interpretation- 65% students strongly agreed, 24% agreed, 4% neither agreed nor disagreed, 5% disagreed and 2% strongly disagreed that the ICT in the form of web sources, power point presentations are a regular feature of the classroom.

For question 7- 74% students strongly agreed 18% agreed, 4% neither agreed nor disagreed, 2% disagreed and 2% strongly disagreed.

Interpretation- 74% students strongly agreed, 18% agreed, 4% neither agreed nor disagreed, 2% disagreed and 2% strongly disagreed explanation of textual reading material with clarity and relevance

For question 8- 67% students strongly agreed 26% agreed, 4% neither agreed nor disagreed, 2% disagreed and 1% strongly disagreed.

Interpretation- 67% students strongly agreed, 26% agreed, 4% neither agreed nor disagreed, 2% disagreed and 1% strongly disagreed that Information regarding additional reading sources is given.

For question 9- 64% students strongly agreed, 24% agreed, 7% neither agreed nor disagreed and 1% disagreed.



Interpretation- 64% students strongly agreed, 24% agreed, 7% neither agreed nor disagreed and 1% disagreed that Values are taught from the prescribed syllabus in terms of knowledge, concepts, manual skills, analytical abilities and broadening perspectives.

For question 10- 70% students strongly agreed 19% agreed, 4% neither agreed nor disagreed, 6% disagreed and 1% strongly disagreed.

Interpretation- 70% students strongly agreed, 19% agreed, 4% neither agreed nor disagreed, 6% disagreed and 1% strongly disagreed that Periodical assessments are conducted as per the given schedule.

For question 11- 55% students strongly agreed 36% agreed, 3% neither agreed nor disagreed, 5% disagreed and 1% strongly disagreed.

Interpretation- 55% students strongly agreed, 36% agreed, 3% neither agreed nor disagreed, 5% disagreed and 1% strongly disagreed that Evaluation is fair and unbiased.

For question 12- 69% students strongly agreed 24% agreed, 4% neither agreed nor disagreed, 2% disagreed and 1% strongly disagreed.

Interpretation- 69% students strongly agreed, 24% agreed, 4% neither agreed nor disagreed, 2% disagreed and 1% strongly disagreed that Regular and timely feedback is given for further improvement.

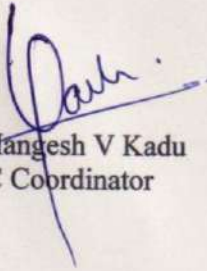
For question 13- 78% students strongly agreed 13% agreed, 7% neither agreed nor disagreed, 1% disagreed and 1% strongly disagreed.

Interpretation- 78% students strongly agreed, 13% agreed, 7% neither agreed nor disagreed, 1% disagreed and 1% strongly disagreed that Teachers are accessible even after lectures.

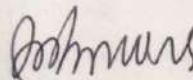
For question 14- 75% students strongly agreed 19% agreed, 2% neither agreed nor disagreed, 2% disagreed and 2% strongly disagreed.

Interpretation- 75% students strongly agreed, 19% agreed, 2% neither agreed nor disagreed, 2% disagreed and 2% strongly disagreed that Teachers are instrumental in personality development of the students

Prepared and submitted by –


Dr. Mangesh V Kadu
IQAC Coordinator




PRINCIPAL
Bhiwapur Mahavidyalaya
Bhiwapur, Distt. Nagpur



Backward Class Youth relief Committee's

BHIWAPUR MAHAVIDYALAYA, BHIWAPUR

Dist. Nagpur, Maharashtra 441201

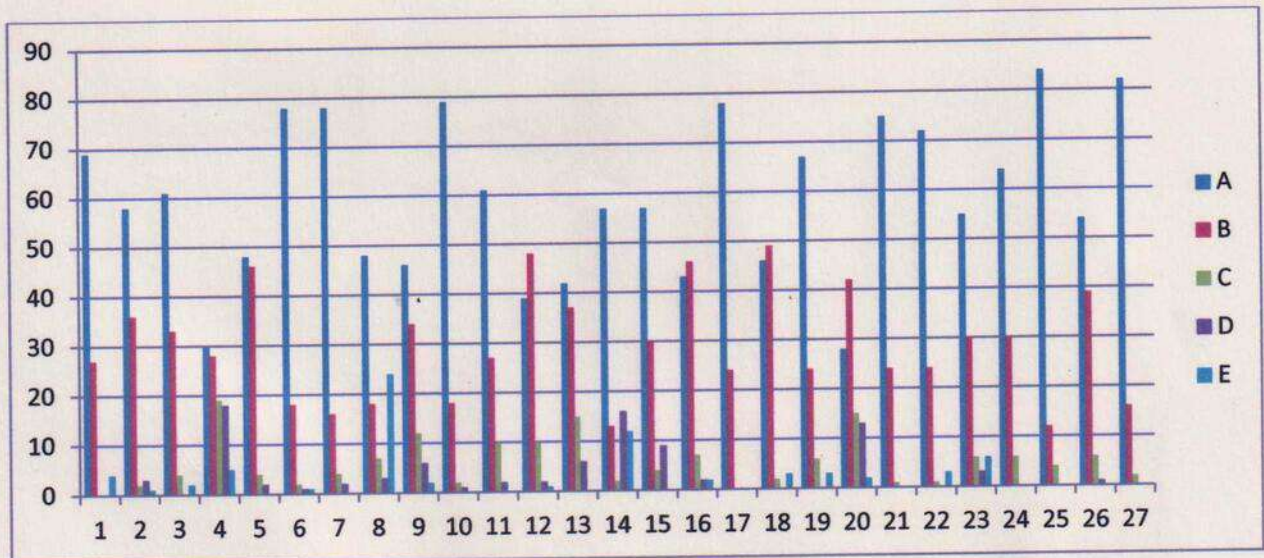
Accredited with Grade 'B' (CGPA-2.54) by NAAC, Bengaluru
ISO-9001:2015

Academic Session – 2021-22 Feedback of Students on College

Form Link-

https://docs.google.com/forms/d/e/1FAIpQLSfryGA7bof_vr2KueiCV6v7Lzq0hDe_MltaDQ1sfRYV-4JgwQ/viewform?vc=0&c=0&w=1&flr=0

Feedback	Analysis	Remarks and Suggestions	Action Taken
Feedback from Students on College	<p>Learners have given their response on a 5 -point Likert Scale for-</p> <p>Option A- Strongly agree- 3.00</p> <p>Option B- agree- 1.46</p> <p>Option C- Neither agree nor disagree- 0.28</p> <p>Option D- Disagree- 0.17</p> <p>Option E- Strongly disagree- 0.13</p> <p><i>The mode of collection was online Goggle form</i></p>	<p>Internet facility should be provided in the College.</p> <p>Students' grievances and problems should be solved well in time.</p>	<p>The in- charge teacher of Internet connectivity has been apprised of the same.</p> <p>Due care and precautions will be taken in this regard.</p>



On X-axis – Question number



[Signature]
PRINCIPAL
Bhiwapur Mahavidyalaya
Bhiwapur, Dist. Nagpur

On Y-axis- Response in %

- A- Strongly agree
- B- Agree
- C- Neither agree nor disagree
- D- Disagree
- E- Strongly disagree

For question 1 – 69% students strongly agreed and 27% agreed.

Interpretation- 69% students strongly agreed and 27% agreed that the office staff of the college is cooperative and helpful

For question 2- 58% students strongly agreed, 36% agreed, 2% neither agreed nor disagreed, 3% disagreed and 1% strongly disagreed

Interpretation- 58% students strongly agreed, 36% agreed, 2% neither agreed nor disagreed, 3% disagreed and 1% strongly disagreed that the library staff is cooperative and helpful.

For question 3- 61% students strongly agreed, 33% agreed, 4% neither agreed nor disagreed and 2% strongly disagreed.

Interpretation- 61% students strongly agreed, 33% agreed, 4% neither agreed nor disagreed and 2% strongly disagreed that online educational resources/prescribed books/reading materials are available and accessible in the library.

For question 4- 30% students strongly agreed 28% agreed, 19% neither agreed nor disagreed, 18% disagreed and 5% disagreed.

Interpretation- 30% students strongly agreed, 28% agreed, 19% neither agreed nor disagreed, 18% disagreed and 5% disagreed that Internet facility is provided in the college.

For question 5- 48% students strongly agreed, 46% agreed, 4% neither agreed nor disagreed and 2% disagreed.

Interpretation- 48% students strongly agreed, 46% agreed, 4% neither agreed nor disagreed and 2% disagreed that Equipment in the lab(s) is/are in good working condition.

For question 6- 78% students strongly agreed 18% agreed, 2% neither agreed nor disagreed, 1% disagreed and 1% strongly disagreed.

Interpretation- 78% students strongly agreed, 18% agreed, 2% neither agreed nor disagreed, 1% disagreed and 1% strongly disagreed that the ICT in the form of web sources, power point presentations are a regular feature of the classroom.

For question 7- 78% students strongly agreed, 16% agreed, 4% neither agreed nor disagreed and 2% disagreed.

Interpretation- 78% students strongly agreed, 16% agreed, 4% neither agreed nor disagreed and 2% disagreed that Results are regularly displayed by the college.



For question 8- 48% students strongly agreed 18% agreed, 7% neither agreed nor disagreed, 3% disagreed and 24% strongly disagreed.

Interpretation- 48% students strongly agreed, 18% agreed, 7% neither agreed nor disagreed, 3% disagreed and 24% strongly disagreed that Toilet/washrooms are clean and properly maintained.

For question 9- 46% students strongly agreed 34% agreed, 12% neither agreed nor disagreed, 6% disagreed and 2% strongly disagreed.

Interpretation- 46% students strongly agreed, 34% agreed, 12% neither agreed nor disagreed, 6% disagreed and 2% strongly disagreed that the classrooms are clean and well maintained.

For question 10- 79% students strongly agreed, 18% agreed, 2% neither agreed nor disagreed and 1% disagreed.

Interpretation- 79% students strongly agreed, 18% agreed, 2% neither agreed nor disagreed and 1% disagreed that the campus is green and eco-friendly.

For question 11- 61% students strongly agreed, 27% agreed, 10% neither agreed nor disagreed and 2% disagreed.

Interpretation- 61% students strongly agreed, 27% agreed, 10% neither agreed nor disagreed and 2% disagreed that The Building/classrooms are accessible to the disabled.

For question 12- 39% students strongly agreed 48% agreed, 10% neither agreed nor disagreed, 2% disagreed and 1% strongly disagreed.

Interpretation- 39% students strongly agreed, 48% agreed, 10% neither agreed nor disagreed, 2% disagreed and 1% strongly disagreed that the campus has adequate power supply with backup facility.

For question 13- 42% students strongly agreed, 37% agreed, 15% neither agreed nor disagreed, and 6% disagreed.

Interpretation- 42% students strongly agreed, 37% agreed, 15% neither agreed nor disagreed, and 6% disagreed that Students grievances are redressed/problems are solved well in time.

For question 14- 57% students strongly agreed 13% agreed, 2% neither agreed nor disagreed, 16% disagreed and 12% strongly disagreed.

Interpretation- 57% students strongly agreed, 13% agreed, 2% neither agreed nor disagreed, 16% disagreed and 12% strongly disagreed that EDC and placement cell is functional in the college.

For question 15 - 57% students strongly agreed, 30% agreed, 4% neither agreed nor disagreed and 9% disagreed.

Interpretation- 57% students strongly agreed, 30% agreed, 4% neither agreed nor disagreed and 9% disagreed that The College gives importance on students' research projects.



For question 16- 43% students strongly agreed 46% agreed, 7% neither agreed nor disagreed, 2% disagreed and 2% strongly disagreed.

Interpretation- 43% students strongly agreed, 46% agreed, 7% neither agreed nor disagreed, 2% disagreed and 2% strongly disagreed that Authorities ensure strict discipline on and off the campus.

For question 17- 78% students strongly agreed and 24% agreed.

Interpretation- 78% students strongly agreed and 24% agreed that Girl students' security is given utmost priority.

For question 18- 46% students strongly agreed, 49% agreed, 2% neither agreed nor disagreed and 3% strongly disagreed.

Interpretation- 46% students strongly agreed, 49% agreed, 2% neither agreed nor disagreed and 3% strongly disagreed that the institution strives for academic excellence.

For question 19 - 67% students strongly agreed, 24% agreed, 6% neither agreed nor disagreed and 3% strongly disagreed.

Interpretation- 67% students strongly agreed, 24% agreed, 6% neither agreed nor disagreed and 3% strongly disagreed that the institution promotes participation of students in co-curricular, extra-curricular, sports and other events at all levels.

For question 20- 28% students strongly agreed 42% agreed, 15% neither agreed nor disagreed, 13% disagreed and 2% strongly disagreed.

Interpretation- 28% students strongly agreed, 42% agreed, 15% neither agreed nor disagreed, 13% disagreed and 2% strongly disagreed that the food provided in the canteen is economical and of good quality as per the standards prescribed.

For question 21- 75% students strongly agreed, 24% agreed that 1% neither agreed nor disagreed.

Interpretation- 75% students strongly agreed, 24% agreed that 1% neither agreed nor disagreed that Students are actively involved in day to day administration.

For question 22 - 72% students strongly agreed, 24% agreed, 1% neither agreed nor disagreed and 3% strongly disagreed.

Interpretation- 72% students strongly agreed, 24% agreed, 1% neither agreed nor disagreed and 3% strongly disagreed that Students are put through Orientation Programmes to make them aware of rules and regulations of the college.

For question 23 - 55% students strongly agreed, 30% agreed, 6% neither agreed nor disagreed, 3% disagreed and 6% strongly disagreed.

Interpretation- 55% students strongly agreed, 30% agreed, 6% neither agreed nor disagreed, 3% disagreed and 6% strongly disagreed that Students are informed on various Scholarship and freeship schemes floated by the government and other funding agencies regularly.



For question 24 - 64% students strongly agreed, 30% agreed that 6% neither agreed nor disagreed.

Interpretation- 64% students strongly agreed, 30% agreed that 6% neither agreed nor disagreed that Information related to Academics and other events is displayed on the Notice boards from time to time.

For question 25- 84% students strongly agreed, 12% agreed that 4% neither agreed nor disagreed.

Interpretation- 84% students strongly agreed, 12% agreed that 4% neither agreed nor disagreed that The Institution is instrumental in bringing social awareness among students through various activities.

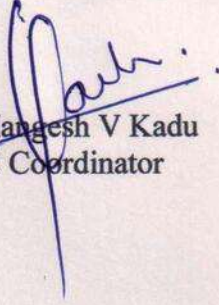
For question 26 - 54% students strongly agreed, 39% agreed, 6% neither agreed nor disagreed and 1% disagreed.

Interpretation- 54% students strongly agreed, 39% agreed, 6% neither agreed nor disagreed and 1% disagreed that The College conducts regular health check-up camps for students.

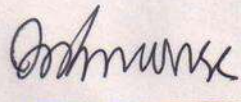
For question 27 - 82% students strongly agreed and 16% agreed.

Interpretation- 82% students strongly agreed and 16% agreed that Sufficient Teaching and Office staff is available.

Prepared and submitted by –


Dr. Mangesh V Kadu
IQAC Coordinator




PRINCIPAL
Bhiwapur Mahavidyalaya
Bhiwapur, Dist. Nagpur

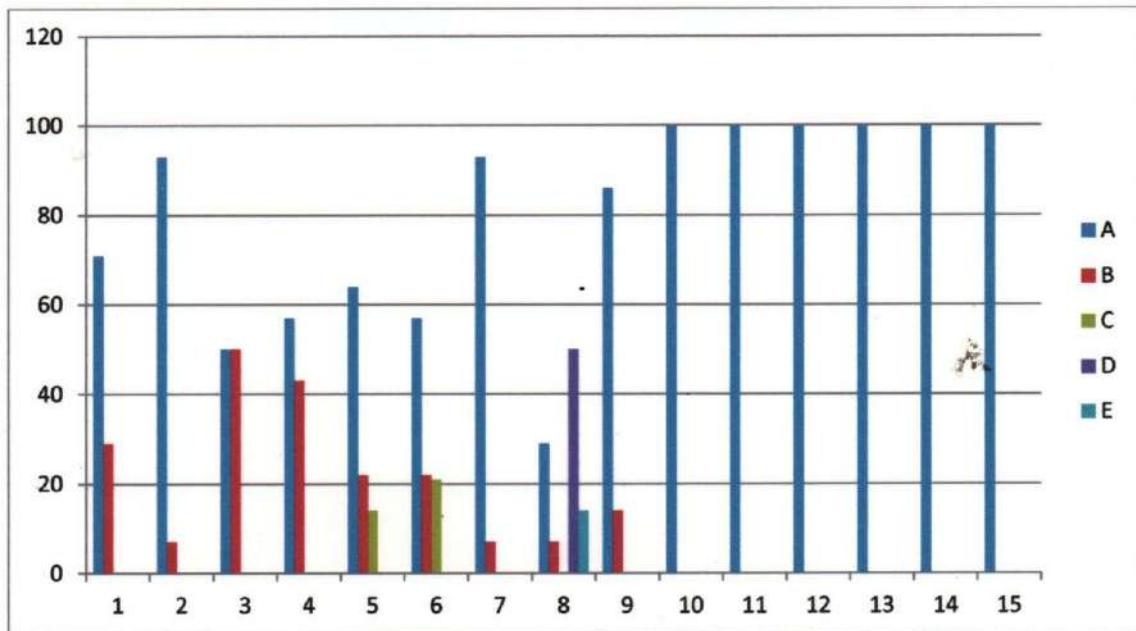


Backward Class Youth relief Committee's
BHIWAPUR MAHAVIDYALAYA, BHIWAPUR

Dist. Nagpur, Maharashtra 441201
 Accredited with Grade 'B' (CGPA-2.54) by NAAC, Bengaluru
 ISO-9001:2015

Academic Session – 2021-22
Feedback of Teacher on college

Feedback	Analysis	Remarks & Suggestions	Action Taken
Feedback from Teacher on College	<p>Teachers have given their response on a 5 -point Likert scale for-</p> <p>Option A- Strongly agree- 4.00</p> <p>Option B- agree- 0.67</p> <p>Option C- Neither agree nor disagree - 0.12</p> <p>Option D- Disagree- 0.17</p> <p>Option E- Strongly disagree- 0.05</p>	<p>Requirement-</p> <p>The books prescribed/listed as Reference materials should be made available in the Library</p>	<p>As per the Budgetary Provisions of the Institution, the required Reference Materials will be procured.</p>



On X-axis – Question number

On Y-axis- Response in %



[Signature]
 PRINCIPAL
 Bhiwapur Mahavidyalaya
 Bhiwapur, Dist. Nagpur

- A- Strongly agree
- B- Agree
- C- Neither agree nor disagree
- D- Disagree
- E- Strongly disagree

For question 1 – 71% Teaching Staff strongly agreed and 29% agreed.

Interpretation- 71% Teaching Staff strongly agreed and 29% agreed that Syllabus is suitable to the course.

For question 2 - 93% Teaching Staff strongly agreed and 7% agreed.

Interpretation- 93% Teaching Staff strongly agreed and 7% agreed that Aims and objectives of the syllabi are well defined and clear to teachers and students.

For question 3 - 50% Teaching Staff strongly agreed and 50% agree.

Interpretation- 50% Teaching Staff strongly agreed and 50% agree that Course content is followed by corresponding reference materials.

For question 4 - 57% Teaching Staff strongly agreed and 43% agreed.

Interpretation- 57% Teaching Staff strongly agreed and 43% agreed that sufficient numbers of prescribed books are available in the Library

For question 5 - 64% Teaching Staff strongly agreed, 22% agreed and 14% neither agree nor disagree.

Interpretation- 64% Teaching Staff strongly agreed, 22% agreed and 14% neither agree nor disagree that the course/syllabus has good balance between theory and Application

For question 6 - 57% Teaching Staff strongly agreed, 22% agreed and 21% neither agree nor disagree.

Interpretation- 57% Teaching Staff strongly agreed, 22% agreed and 21% neither agree nor disagree that the books prescribed/listed as reference materials are relevant, easily available in the Library.

For question 7 - 93% Teaching Staff strongly agreed and 7% agreed.

Interpretation- 93% Teaching Staff strongly agreed and 7% agreed that Infrastructural facilities, such as teacher's rooms, class rooms, reading rooms and toilets are available in the Institution

For question 8 - 29% Teaching Staff strongly agreed, 7% agreed, 50% disagreed and 14% strongly disagreed.

Interpretation- 29% Teaching Staff strongly agreed, 7% agreed, 50% disagreed and 14% strongly disagreed that Separate facility is available for the faculty in the canteen.



For question 9 - 86% Teaching Staff strongly agreed and 14% agreed.

Interpretation- 86% Teaching Staff strongly agreed and 14% agreed that Tests and examinations are conducted well in time with proper coverage of all units in the syllabus.

For question 10 - 100% Teaching Staff strongly agreed.

Interpretation- All Teaching Staff strongly agreed that I have the freedom to adopt new techniques/strategies of teaching such as seminar presentations, group discussions and learners' participations.

For question 11 - 100% Teaching Staff strongly agreed.

Interpretation- All Teaching Staff strongly agreed that I have the freedom to adopt/adapt new techniques/strategies of testing and assessment of students

For question 12 - 100% Teaching Staff strongly agreed.

Interpretation- All Teaching Staff strongly agreed that the environment in the institution is conducive for teaching and research.

For question 13 - 100% Teaching Staff strongly agreed.

Interpretation- All Teaching Staff strongly agreed that the administration is teacher friendly.

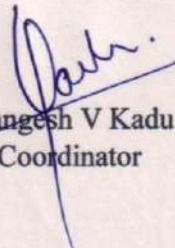
For question 14 - 100% Teaching Staff strongly agreed.

Interpretation- All Teaching Staff strongly agreed that the Institution provides adequate and smooth support for projects and research facilities.

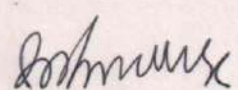
For question 15 - 100% Teaching Staff strongly agreed.

Interpretation- All Teaching Staff strongly agreed that Provisions for professional development are non-discriminatory and fair

Compiled and submitted by –


Dr, Mangesh V Kadu
IQAC Coordinator




PRINCIPAL
Bhiwapur Mahavidyalaya
Bhiwapur, Dist. Nagpur

Specimen Feedback Form



BHIWAPUR MAHAVIDYALAYA, BHIWAPUR

(B Grade with 2.54 CGPA by NAAC Bengaluru)

Feedback of Teacher on College

Internal Quality Assurance Mechanism aims at Continuous Improvement for Academic Excellence and Results

Session – 2021- 2022

Name: _____

Department: _____

Kindly rate the performance on the following attributes on five point scale

Strongly agree- 5.00	Agree- 4.00	Neither agree nor disagree- 3.00	Disagree- 2.00	Strongly disagree- 1.0
A	B	C	D	E

Sr. No	Attributes	Marks				
		A	B	C	D	E
1	Syllabus is suitable to the course.					
2	Aims and objectives of the syllabi are well defined and clear to teachers and students.					
3	Course content is followed by corresponding reference materials.					
4	Sufficient numbers of prescribed books are available in the Library					
5	The course/syllabus has good balance between theory and application					
6	The books prescribed/listed as reference materials are relevant, easily available in the Library.					
7	Infrastructural facilities, such as teacher's rooms, class rooms, reading rooms and toilets are available in the Institution					
8	Separate facility is available for the faculty in the canteen.					
9	Tests and examinations are conducted well in time with					



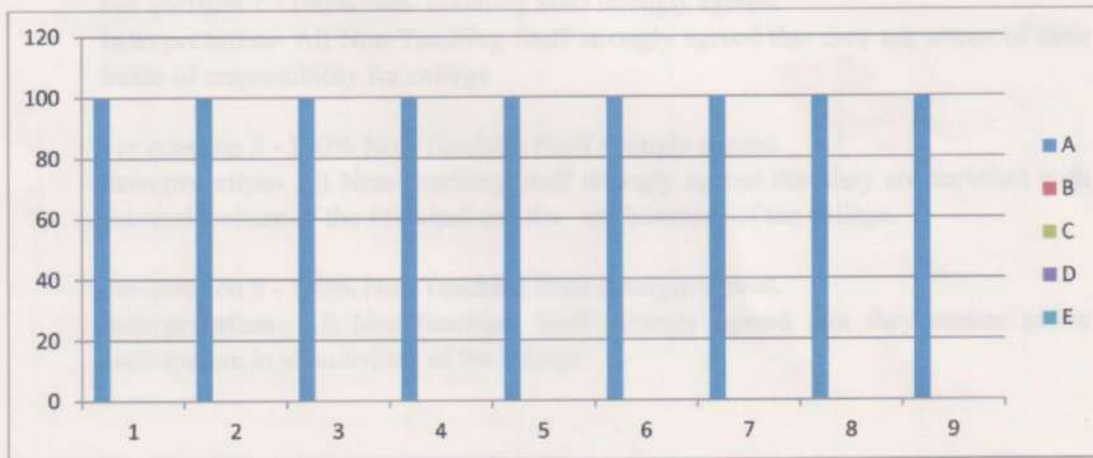


Backward Class Youth relief Committee's
BHIWAPUR MAHAVIDYALAYA, BHIWAPUR

Dist. Nagpur, Maharashtra 441201
 Accredited with Grade 'B' (CGPA-2.54) by NAAC, Bengaluru
 ISO-9001:2015

Academic Session – 2021-22
Feedback of Non-Teaching Staff on College

Feedback	Analysis	Remarks & Suggestions	Action Taken Report
Feedback of Non-Teaching Staff on College	<p>Non- Teaching staff have given their response on a 5 -point Likert scale for-</p> <p>Option A- Strongly agree- 5.00</p> <p>Option B- agree- 0.00</p> <p>Option C- Neither agree nor disagree - 0.00</p> <p>Option D- Disagree- 0.00</p> <p>Option E- Strongly disagree- 0.00</p>	All have reported 5 on a scale of 5 which shows their satisfaction level with the work culture in Institution.	The Feedback given is highly appreciated and it will be binding on the Institution to carry forward the work environment for the growth and development of the Institution and its stakeholders.



On X-axis – Question number

On Y-axis- Response in %

- A- Strongly agree
- B- Agree
- C- Neither agree nor disagree
- D- Disagree
- E- Strongly disagree

For question 1 - 100% Non-Teaching Staff strongly agreed.



[Signature]
 PRINCIPAL
 Bhiwapur Mahavidyalaya
 Bhiwapur, Dist. Nagpur

Interpretation- All Non-Teaching Staff strongly agreed that Modern Technology is used in the day-to day functioning of the college.

For question 2 - 100% Non-Teaching Staff strongly agreed.

Interpretation- All Non-Teaching Staff strongly agreed that ICT is made mandatory for all the employees of the college.

For question 3 - 100% Non-Teaching Staff strongly agreed.

Interpretation- All Non-Teaching Staff strongly agreed that Workshops and Training Sessions are organized to increase the efficiency of non –teaching Staff.

For question 4 - 100% Non-Teaching Staff strongly agreed.

Interpretation- All Non-Teaching Staff strongly agreed that they are Aware of their accountability towards work.

For question 5 - 100% Non-Teaching Staff strongly agreed.

Interpretation- All Non-Teaching Staff strongly agreed that they are ready to help students during their academic sojourn

For question 6 - 100% Non-Teaching Staff strongly agreed.

Interpretation- All Non-Teaching Staff strongly agreed that their Work is done without any partiality or discrimination towards others

For question 7 - 100% Non-Teaching Staff strongly agreed.

Interpretation- All Non-Teaching Staff strongly agreed that they are aware of their Sense of responsibility for college

For question 8 - 100% Non-Teaching Staff strongly agreed.

Interpretation- All Non-Teaching Staff strongly agreed that they are Satisfied with the work culture of the Principal and the environment of the college.

For question 9 - 100% Non-Teaching Staff strongly agreed.

Interpretation- All Non-Teaching Staff strongly agreed that they ensure active participation in all activities of the college.

Compiled and submitted by –


Dr, Mangesh V Kadu
IQAC Coordinator



Specimen Feedback Form



BHIWAPUR MAHAVIDYALAYA, BHIWAPUR

(B Grade with 2.54 CGPA by NAAC Bengaluru)

Feedback of Non-Teaching Staff on College

Internal Quality Assurance Mechanism aims at Continuous Improvement for Academic Excellence and Results

Session – 2021-2022

Name: _____

Kindly rate the performance on the following attributes on five point scale

Strongly agree- 5.00	Agree- 4.00	Neither agree nor disagree- 3.00	Disagree- 2.00	Strongly disagree- 1.0
A	B	C	D	E

Sr. No	Attributes	Marks				
		A	B	C	D	E
01	महाविद्यालयाचे कार्यालयीन कामकाजात आधुनिक पध्दतीचा अवलंब केला जातो Modern Technology is used in the day-to day functioning of the college.					
02	महाविद्यालयातील सर्व शिक्षकेत्तर कर्मचाऱ्यांसाठी माहिती व संवाद तंत्र आवश्यक करण्यात आलेले आहे. ICT is made mandatory for all the employees of the college.					
03	शिक्षकेत्तर कर्मचाऱ्यांमध्ये कार्यकुशलता वाढावी यासाठी कार्यशाळा किंवा प्रशिक्षणाचे आयोजन केले जाते Workshops and Training Sessions are organized to increase the efficiency of non –teaching Staff.					
04	आपल्या कार्याप्रती आपण जागरूक आहोत. Aware of our accountability towards work.					
05	आपण विद्यार्थ्यांच्या शैक्षणिक अडचणी दुर करण्यास तत्पर असता Ready to help students during their academic sojourn					





Backward Class Youth relief Committee's

BHIWAPUR MAHAVIDYALAYA, BHIWAPUR

Dist. Nagpur, Maharashtra 441201

Accredited with Grade 'B' (CGPA-2.54) by NAAC, Bengaluru
ISO-9001:2015

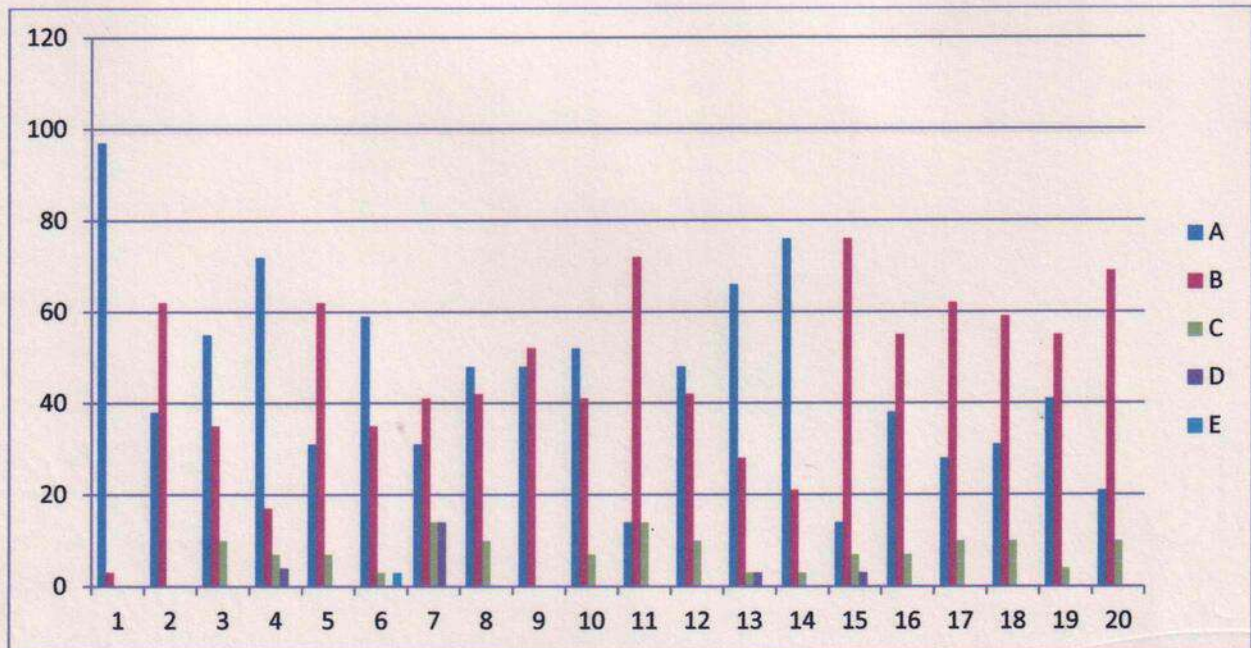
Academic Session – 2021-22

Feedback from Parents on College

Link below-

<https://docs.google.com/forms/d/e/1FAIpQLSfvyk1ZOUJXcO-s7mEBym0FQFWu8VWKzSlstOkoqHgyOBb8-zw/viewform?vc=0&c=0&w=1&flr=0>

Feedback	Analysis	Remarks & Suggestions	Action Taken Report
Feedback from Parents on College	<p>Parents have given their responses on a 5 -point Likert scale for-</p> <p>Option A- Strongly agree- 2.27</p> <p>Option B- agree- 2.32</p> <p>Option C- Neither agree nor disagree - 0.34</p> <p>Option D- Disagree- 0.06</p> <p>Option E- Strongly disagree- 0.00</p> <p><i>The mode of collection was online Goggle form</i></p>	Inability to support and contribute	Motivating parents to actively contribute in the development of the College



On X-axis – Question number



[Signature]

PRINCIPAL
Bhiwapur Mahavidyalaya
Bhiwapur, Dist. Nagpur

On Y-axis- Response in %

- A- Strongly agree
- B- Agree
- C- Neither agree nor disagree
- D- Disagree
- E- Strongly disagree

For question 1 - 97% parents strongly agreed and 3% agreed

Interpretation- 97% parents strongly agreed and 3% agreed that their ward is regular in the college

For question 2 - 38% parents strongly agreed, 62% agreed.

Interpretation- 38% parents strongly agreed, 62% agreed that they make regular enquiries of their ward's progress in study

For question 03 - 55% parents strongly agreed, 35% agreed and 10% neither agreed nor disagreed.

Interpretation-55% parents strongly agreed, 35% agreed and 10% neither agreed nor disagreed that they get information their ward's educational progress through the Progress Card and also by visiting the college

For question 04 - 72% parents strongly agreed, 17% agreed, 7% neither agreed nor disagreed and 4% disagreed.

Interpretation- 72% parents strongly agreed, 17% agreed, 7% neither agreed nor disagreed and 4% disagreed that 'Parent-Teacher Association' functions are conducted in their ward's college

For question 05 - 31% parents strongly agreed, 62% agreed and 7% neither agreed nor disagreed.

Interpretation- 31% parents strongly agreed, 62% agreed and 7% neither agreed nor disagreed that 'The College has contributed to the overall development of their ward'.

For question 06 - 59% parents strongly agreed, 35% agreed, 3% neither agreed nor disagreed and 3% strongly disagreed.

Interpretation-59% parents strongly agreed, 35% agreed, 3% neither agreed nor disagreed and 3% strongly disagreed that their ward should participate in extra-curricular activities other than from curricular activities.

For question 07- 31% parents strongly agreed, 41% agreed, 14% neither agreed nor disagreed and 14% disagreed.

Interpretation-31% parents strongly agreed, 41% agreed, 14% neither agreed nor disagreed and 14% disagreed that they are ready to contribute in the development of the college



For question 08 - 48% parents strongly agreed and 42% agreed, 10% neither agreed nor disagreed.

Interpretation-48% parents strongly agreed and 42% agreed, 10% neither agreed nor disagreed that they are satisfied with the facilities provided by the college

For question 09 - 48% parents strongly agreed and 52% agreed.

Interpretation- 48% parents strongly agreed and 52% agreed that Teacher has pivotal role in the development of parents' educational progress

For question 10 - 52% parents strongly agreed, 41% agreed and 7% neither agreed nor disagreed.

Interpretation- 52% parents strongly agreed, 41% agreed and 7% neither agreed nor disagreed that Significant contribution of the college in the development of Bhiwapur.

For question 11 - 14% parents strongly agreed, 72% agreed and 14% neither agreed nor disagreed.

Interpretation- 14% parents strongly agreed, 72% agreed and 14% neither agreed nor disagreed that they were satisfied with the Placement and employment opportunities provided by the college

For question 12 - 48% parents strongly agreed, 42% agreed and 10% neither agreed nor disagreed.

Interpretation- 48% parents strongly agreed, 42% agreed and 10% neither agreed nor disagreed that they are satisfied with the functioning of Competitive exam. Preparation cell (UPSC/MPSC)

For question 13 - 66% parents strongly agreed, 28% agreed, 3% neither agreed nor disagreed and 3% disagreed.

Interpretation- 66% parents strongly agreed, 28% agreed, 3% neither agreed nor disagreed and 3% disagreed that they were Satisfied with the safety and security of their ward in the college

For question 14 - 76% parents strongly agreed, 21% agreed and 3% neither agreed nor disagreed.

Interpretation- 76% parents strongly agreed, 21% agreed and 3% neither agreed nor disagreed that they were satisfied with the cleanliness and natural environment in the college campus

For question 15 - 14% parents strongly agreed, 76% agreed, 7% neither agreed nor disagreed and 3% disagreed.

Interpretation- 14% parents strongly agreed, 76% agreed, 7% neither agreed nor disagreed and 3% disagreed that they were Satisfied with the functioning of "Parents' Consumer Society" in the college

For question 16 - 38% parents strongly agreed, 55% agreed and 7% neither agreed nor disagreed.



Interpretation- 38% parents strongly agreed, 55% agreed and 7% neither agreed nor disagreed that their level of satisfaction with the quality of education being imparted by the college.

For question 17 - 28% parents strongly agreed, 62% agreed and 10% neither agreed nor disagreed.

Interpretation-28% parents strongly agreed, 62% agreed and 10% neither agreed nor disagreed that the administration of the college strives for the wellbeing of wards and their parents in terms of imparting quality education.

For question 18 - 31% parents strongly agreed, 59% agreed and 10% neither agreed nor disagreed.

Interpretation- 31% parents strongly agreed, 59% agreed and 10% neither agreed nor disagreed that they were satisfied with the performance of non-teaching staff of the college

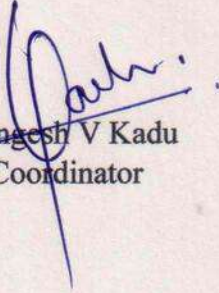
For question 19 - 41% parents strongly agreed, 55% agreed and 4% neither agreed nor disagreed.

Interpretation-41% parents strongly agreed, 55% agreed and 4% neither agreed nor disagreed that the management has key role in the progress of college and its parents

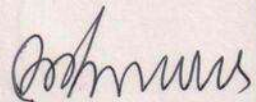
For question 20 - 21% parents strongly agreed, 69% agreed and 10% neither agreed nor disagreed.

Interpretation-21% parents strongly agreed, 69% agreed and 10% neither agreed nor disagreed that they were satisfied with the free and paid consultancy services in the college.

Compiled and submitted by –


Dr, Mangesh V Kadu
IQAC Coordinator




PRINCIPAL
Bhiwapur Mahavidyalaya
Bhiwapur, Distt. Nagpur



Backward Class Youth relief Committee's

BHIWAPUR MAHAVIDYALAYA, BHIWAPUR

Dist. Nagpur, Maharashtra 441201

Accredited with Grade 'B' (CGPA-2.54) by NAAC, Bengaluru

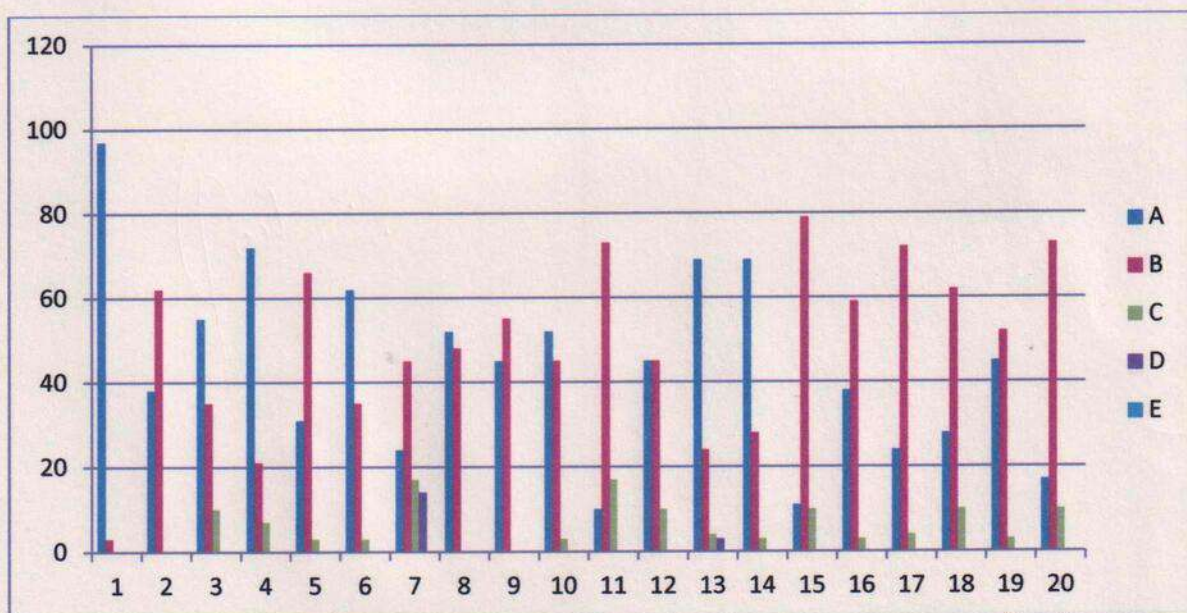
ISO-9001:2015

Academic Session – 2021-22 Feedback from Alumni on College

Link below-

<https://docs.google.com/forms/d/e/1FAIpQLSfuqk1EsE7vSwJ7WTjclJ2dRiJ7VvvVwvzsV9f7J2Hq5NF0dA/viewform?vc=0&c=0&w=1&flr=0>

Feedback	Analysis	Remarks and Suggestions	Action Taken Report
Feedback from Alumni on College	<p>The Members of the Alumni have given their responses on a 5 -point Likert Scale for-</p> <p>Option A- Strongly agree- 2.21</p> <p>Option B- agree- 2.46</p> <p>Option C- Neither agree nor disagree - 0.29</p> <p>Option D- Disagree- 0.04</p> <p>Option E- Strongly disagree- 0.00</p> <p><i>The mode of collection was online Goggle form</i></p>	<p>Inability to support and contribute.</p> <p>College has long term policies for the bright future of the students</p>	<p>Motivating Alumni to contribute generously in the development of the College</p>



On X-axis – Question number



[Signature]
PRINCIPAL
Bhiwapur Mahavidyalaya
Bhiwapur, Dist. Nagpur

On Y-axis- Response in %

- A- Strongly agree
- B- Agree
- C- Neither agree nor disagree
- D- Disagree
- E- Strongly disagree

For question 1 - 97% Alumni strongly agreed and 3% agreed.

Interpretation- 97% Alumni strongly agreed and 3% agreed that The College is keeping up with the changing times.

For question 2 - 38% Alumni strongly agreed, 62% agreed.

Interpretation- 38% Alumni strongly agreed, 62% agreed that The College is empowered to help students achieve their goals.

For question 03 - 55% Alumni strongly agreed, 35% agreed and 10% neither agreed nor disagreed.

Interpretation- 55% Alumni strongly agreed, 35% agreed and 10% neither agreed nor disagreed that Students are acquainted with the Information and Communication Technologies used in the classrooms.

For question 04 - 72% Alumni strongly agreed, 21% agreed and 7% neither agreed nor disagreed.

Interpretation- 72% Alumni strongly agreed, 21% agreed and 7% neither agreed nor disagreed that The Administration of the college is vibrant in nature.

For question 05 - 31% Alumni strongly agreed, 66% agreed and 3% neither agreed nor disagreed.

Interpretation- 31% Alumni strongly agreed, 66% agreed and 3% neither agreed nor disagreed that The College is equipped with sufficient number of computers.

For question 06 - 62% Alumni strongly agreed, 35% agreed and 3% neither agreed nor disagreed.

Interpretation- 62% Alumni strongly agreed, 35% agreed and 3% neither agreed nor disagreed that College Library is updated from time to time.

For question 07- 24% Alumni strongly agreed, 45% agreed, 17% neither agreed nor disagreed and 14% disagreed.

Interpretation- 24% Alumni strongly agreed, 45% agreed, 17% neither agreed nor disagreed and 14% disagreed that College has long term policies for the bright future of the students.

For question 08 - 52% Alumni strongly agreed and 48% agreed.



Interpretation- 52% Alumni strongly agreed and 48% agreed that Satisfied with the Sports and other facilities available in the college.

For question 09 - 45% Alumni strongly agreed and 55% agreed.

Interpretation- 45% Alumni strongly agreed and 55% agreed that they see the Enhancement in the quality of teachers over a period of time.

For question 10 - 52% Alumni strongly agreed, 45% agreed and 3% neither agreed nor disagreed.

Interpretation- 52% Alumni strongly agreed, 45% agreed and 3% neither agreed nor disagreed that Visible and marked benefits in students' personalities from the enhanced quality of teachers.

For question 11 - 10% Alumni strongly agreed, 73% agreed and 17% neither agreed nor disagreed.

Interpretation- 10% Alumni strongly agreed, 73% agreed and 17% neither agreed nor disagreed that College actively involves in Community Development programmes.

For question 12 - 45% Alumni strongly agreed, 45% agreed and 10% neither agreed nor disagreed.

Interpretation- 45% Alumni strongly agreed, 45% agreed and 10% neither agreed nor disagreed that Timely aid is provided to the needy and poor students.

For question 13 - 69% Alumni strongly agreed, 24% agreed, 4% neither agreed nor disagreed and 3% disagreed.

Interpretation- 69% Alumni strongly agreed, 24% agreed, 4% neither agreed nor disagreed and 3% disagreed that their contribution in the development of the college is ensured.

For question 14 - 69% Alumni strongly agreed, 28% agreed and 3% neither agreed nor disagreed.

Interpretation- 69% Alumni strongly agreed, 28% agreed and 3% neither agreed nor disagreed that Alumni are motivated by valuing their efforts through periodic motivation in the form of prizes.

For question 15 - 11% Alumni strongly agreed, 79% agreed and 10% neither agreed nor disagreed.

Interpretation- 11% Alumni strongly agreed, 79% agreed and 10% neither agreed nor disagreed that Alumni are trained to participate in the Cultural Programmes (Dance, Drama etc.)

For question 16 - 38% Alumni strongly agreed, 59% agreed and 3% neither agreed nor disagreed.



Interpretation- 38% Alumni strongly agreed, 59% agreed and 3% neither agreed nor disagreed that they are satisfied with the facilities made available in the Competitive Guidance Centre.

For question 17 - 24% Alumni strongly agreed, 72% agreed and 4% neither agreed nor disagreed.

Interpretation- 24% Alumni strongly agreed, 72% agreed and 4% neither agreed nor disagreed that they are Satisfied with the employment opportunities made available in the college for the students.

For question 18 - 28% Alumni strongly agreed, 62% agreed and 10% neither agreed nor disagreed.

Interpretation- 28% Alumni strongly agreed, 62% agreed and 10% neither agreed nor disagreed that they are Satisfied with the free and paid Consultancy Services offered in the college.

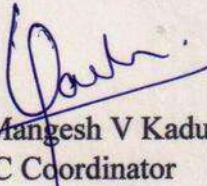
For question 19 - 45% Alumni strongly agreed, 52% agreed and 3% neither agreed nor disagreed.

Interpretation- 45% Alumni strongly agreed, 52% agreed and 3% neither agreed nor disagreed that they are satisfied with the social activities taken up by the College.

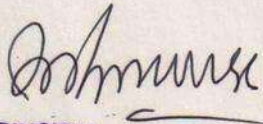
For question 20 - 17% Alumni strongly agreed, 73% agreed and 10% neither agreed nor disagreed.

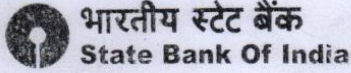
Interpretation- 17% Alumni strongly agreed, 73% agreed and 10% neither agreed nor disagreed that Full contribution for the overall development of the college is ensured.

Compiled and submitted by –


Dr. Mangesh V Kadu
IQAC Coordinator




PRINCIPAL
Bhiwapur Mahavidyalaya
Bhiwapur, Dist. Nagpur



(11420) - BHIWAPUR, DIST-NAGPUR
 MAIN ROAD (NAGPUR CHANDRAPUR ROAD), AT: PO : TAH BHIWAPUR
 DIST- NAGPUR 441201
 Tel: 91-432232 IFS Code : SBIN0011420

18022023
 केवल 3 महीने के लिए वैध / VALID FOR 3 MONTHS ONLY
 07022023
 D D M M Y Y Y Y

PAY Tejas Enterprises या धारक को OR BEARER
 रुपये RUPEES Twenty Seven Thousand Two Hundred Seventy
 अदा करें ₹ 27,270/-

खा. सं.
 A/c No. 33824607866

VALID UPTO ₹ 10 LACS AT NON-HOME BRANCH FOR NON-CASH TRANSACTION ONLY
66870642833

SB ACCOUNT
 PREFIX:
 0438200013

Bhramur
 PRINCIPAL
 Bhiwapur Mahavidyalaya
 Bhiwapur, Dist. Nagpur

[Signature]
 PRINCIPAL BHIWAPUR MAHAVIDYALAYA
 Secretary / Treasurer
 Backward Class Youth Relief Committee
 Nagpur
 Please sign above

MULTI-CITY CHEQUE Payable at Par at All Branches of State Bank of India

⑈ 771879 ⑈ 441002549⑈ 001099 ⑈ 31

BHIWAPUR MAHAVIDYALAYA, BHIWAPUR

Voucher No. _____

C.B. P. _____

Debit : _____

Date : 07/02/2023

Being <u>Tejas Enterprises</u> <u>मोचमा</u>	Accountant
<u>उद्धत महाविद्यालयानील रि.सी.</u>	
<u>मुळवनी उद्धत वेतल्या बळकड इ. 27,270/-</u>	Amount
<u>बजाव्या वयाक दिजे.</u>	<u>27,270 00</u>
Paid Vide Cheque No. : <u>771879</u>	}
Dt. <u>07/02/2023</u> Rupees : <u>Twenty seven Thousand Two Hundred Seventy 00</u>	
	<u>27,270 00</u>

Rupees _____

Chairman/Principal/Secretar/Accounts Incharge



Panasonic		TAX INVOICE												
Better life Better world														
Authorized Service Center For Panasonic Pvt. Ltd.		GSTIN No : 27AITPB1743N1ZV												
Tejas Enterprises		Invoice No : 2247												
Plot No. 61, Bajaj Nagar, Nr CIIMS Hospital, Bh Kwality Wine, Nagpur. 440010		Invoice Date : 08/12/2022												
Ph: 0712-2228640, 9822640059, 9503311591 E-mail: nagpur.tejas.panasonic@gmail.com		Category : Repair & purchase												
Panasonic Helpline: 1800 108 1333, 1800 103 1333		Job No. 4830												
Customer Details		Model : -												
Mr./Mrs/ : Bhiwapur Mahavidyalaya,		Serial No. -												
Address : Bhiwapur		Product : LED TV, Fan & Tube Light												
Phone: 9405330506														
GSTIN no (if registered)														
S. No.	Part Code	Description	Qty	Unit Price	Discount	Net unit price	part amt	HSN code	SGST	CGST	IGST	Cess	Tax amount	Total amount
1		LED TV Power supply	1	5225/-	-	5225/-								5225/-
2		Fan	1	1575/-	-	1575/-								1575/-
3		Tube Light	12	200/-	-	200/-								2400/-
4		Fan Repair	9	400/-	-	400/-								3600/-
5														
													Total (A)	12800/-
*Terms & Condition :		"Labour type	Amount	Discount	Net Amount	SAC code	SGST	CGST	IGST	Cess	Tax amount	Total amount		
1. All Payment to be done in cash.		Service charge	1770/-										1770/-	
2. The Customer should satisfy himself with repair done & performances of the product before making payments.		Transportation												
3. Defective part for which amount has been paid should be retained by customer.														
4. Courts in delhi should have exclusive Jurisdiction to by and adjudicate any dispute.														
													Total (B)	1770/-
													Total Rs. (A+B)	14570/-
Grand Total in words : Fourteen Thousand Five Hundred seventy only													For Tejas Enterprises	
Technician Name													Customer's Signature	
E. & O.E.													Authorized Signature	

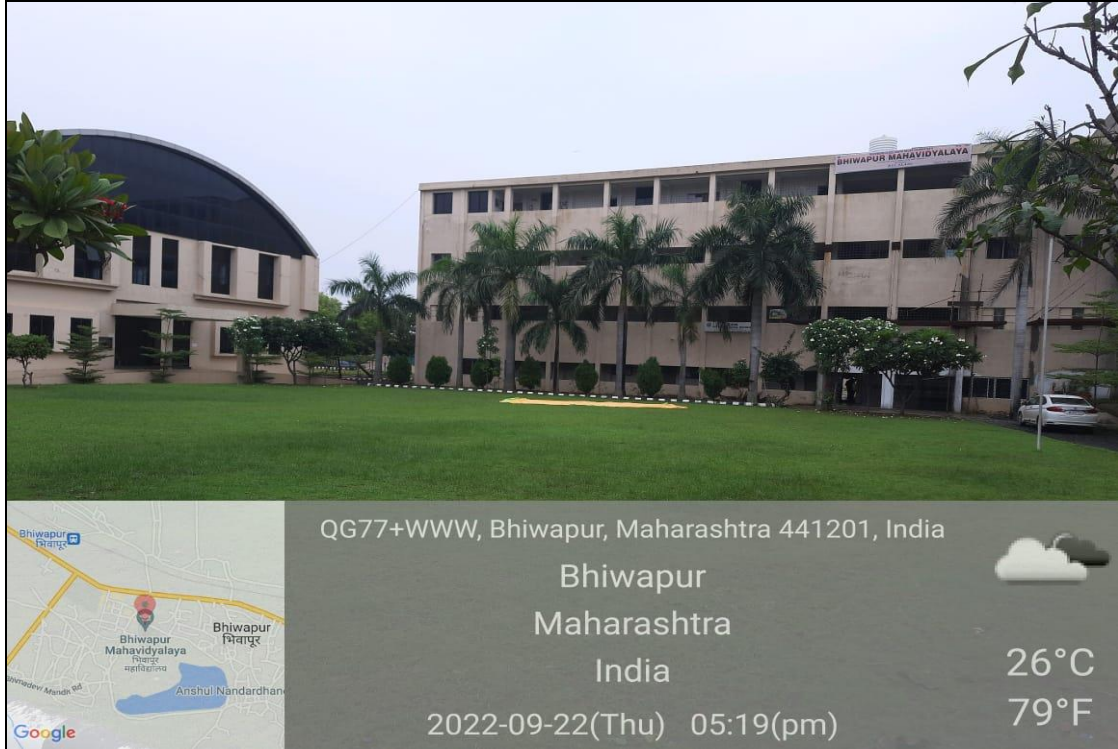
Panasonic		TAX INVOICE												
Better life Better world														
Authorized Service Center For Panasonic Pvt. Ltd.		GSTIN No : 27AITPB1743N1ZV												
Tejas Enterprises		Invoice No : 2248												
Plot No. 61, Bajaj Nagar, Nr CIIMS Hospital, Bh Kwality Wine, Nagpur. 440010		Invoice Date : 07/02/2023												
Ph: 0712-2228640, 9822640059, 9503311591 E-mail: nagpur.tejas.panasonic@gmail.com		Category : Repair & purchase												
Panasonic Helpline: 1800 108 1333, 1800 103 1333		Job No. 4830												
Customer Details		Model : -												
Mr./Mrs/ : Bhiwapur Mahavidyalaya,		Serial No. -												
Address : Bhiwapur		Product : Plasma, Fan & Tube Light												
Phone: 9405330506														
GSTIN no (if registered)														
S. No.	Part Code	Description	Qty	Unit Price	Discount	Net unit price	part amt	HSN code	SGST	CGST	IGST	Cess	Tax amount	Total amount
1		Plasma-panel Repair	1	6155/-	-	6155/-								6155/-
2		New Fan	1	1575/-	-	1575/-								1575/-
3		Tube Light	6	200/-	-	200/-								1200/-
4		Fan Repair	5	400/-	-	400/-								2000/-
5														
													Total (A)	10930/-
*Terms & Condition :		"Labour type	Amount	Discount	Net Amount	SAC code	SGST	CGST	IGST	Cess	Tax amount	Total amount		
1. All Payment to be done in cash.		Service charge	1770/-										1770/-	
2. The Customer should satisfy himself with repair done & performances of the product before making payments.		Transportation												
3. Defective part for which amount has been paid should be retained by customer.														
4. Courts in delhi should have exclusive Jurisdiction to by and adjudicate any dispute.														
													Total (B)	1770/-
													Total Rs. (A+B)	12700/-
Grand Total in words :													For Tejas Enterprises	
Technician Name													Customer's Signature	
E. & O.E.													Authorized Signature	



**Energy Audit Report of
Bhiwapur Mahavidyalaya, Bhiwapur
Dist. Nagpur, Maharashtra
Year 2020-21**



**ENERGY AUDIT REPORT
CONSULTATION REPORT**



Bhiwapur Mahavidyalaya

**Bhimadevi Temple Road, Near Telephone Exchange Office,
At Post Taluka: BHIWAPUR
Dist: Nagpur (M.S.) India- 441201**

PREPARED BY

EMPIRICAL EXERGY PRIVATE LIMITED



Flat No. 201, Om Apartment, 214 Indrapuri Colony,
Bhawarkuwa, Indore – 452 001 (M. P.), India

0731-4948831, 7869327256

Email ID: eempirical18@gmail.com

www.eeplgroups.com

(2020-21)

	Energy Audit Report of Bhiwapur Mahavidyalaya, Bhiwapur Dist. Nagpur, Maharashtra Year 2020-21	
---	---	---

CONTENTS

Sr. No.	Items	Page No
I	ACKNOWLEDGEMENT	3
II	EXECUTIVE SUMMARY	4
Chapter-1	Introduction	5
1.1	About College	5
1.2	Energy Monitoring Committee	9
1.3	Energy Audit Team	10
1.4	About Energy Audit	11
1.5	Objectives of Energy Auditing	11
1.6	Methodology:	12
Chapter- 2	Power Supply System and Bill analysis	13
2.1	Electrical Bill analysis 2020-21	13
2.2	DG Sets	14
2.3	Photovoltaic Solar System	15
2.4	Connected Load of College	16
2.5	Connected Load sharing equipment	20
2.6	Some photograph of Equipment's	22



**Energy Audit Report of
Bhiwapur Mahavidyalaya, Bhiwapur
Dist. Nagpur, Maharashtra
Year 2020-21**



ACKNOWLEDGEMENT

Empirical Exergy Private Limited (EEPL), Indore takes this opportunity to appreciate & thank the management **Bhiwapur Mahavidyalaya, Bhiwapur Dist. Nagpur, Maharashtra.** for giving us an opportunity to conduct Energy audit for the college.

We are indeed touched by the helpful attitude and co-operation of all faculties and technical staff, who rendered their valuable assistance and co-operation the course of study.

Rajesh Kumar Singadiya

(Director)

M.Tech (Energy Management), PhD (Research Scholar)
Accredited Energy Auditor [AEA-0284]
Certified Energy Auditor [CEA-7271]
(BEE, Ministry of Power, Govt. of India)
Empanelled Energy Auditor with MPUVN, Bhopal M.P.
Lead Auditor ISO50001:2011 [EnMS] from FICCI, Delhi
Certified Water Auditor (NPC, Govt of India)
Chartered Engineer [M-1699118], The Institution of Engineers (India)
Member of ISHRAE [58150]



**Energy Audit Report of
Bhiwapur Mahavidyalaya, Bhiwapur
Dist. Nagpur, Maharashtra
Year 2020-21**



EXECUTIVE SUMMARY

The executive summary of the energy audit report furnished in this section briefly gives the identified energy conservation measures and other recommendation during the project that can be implemented in a phased manner to conserve energy, increase productivity inside the College campus.

ENERGY MANAGEMENT INITIATIVE TAKEN BY COLLEGE

✚ 04 KWp SOLAR PHOTOVOLTAIC ROOFTOP INSTALLATION:

College has 04 KWp solar photovoltaic roof top grid connected system installed college building. **Its Appreciable .**

AREA OF IMPROVEMENT

✚ LIGHTING SYSTEM

Replacement of “conventional T-12 (40 Watt) and T-8 (36 Watt)” tube light by energy efficient LED lighting fixture was taken up phased manner.

✚ TIMER CONTROLLED STREET LIGHTS

Installation of “Timer control on Focus Light and street lighting” in college campus is recommended.

✚ CEILING FAN AND EXHAUST FAN:

Replacement of “conventional ceiling fan (60 Watt)” by energy efficient star rated fan or BLDC based energy efficient fan (25 Watt) in “admin building, class rooms, and faculties cabin” have great potential for energy saving.

Replacement of “conventional exhaust fan (90 Watt to 125Watt)” by energy efficient star rated fan or BLDC based energy efficient Fan (20 to 40 Watt) in old building class rooms, faculties cabin have great potential for energy saving.

✚ IOT BASED ENERGY MONITORING SYSTEM AT MAIN FEEDER

- Installation of “Cloud based (IoT based) energy monitoring system” including harmonic measurement (total voltage and current harmonic distortion %) in power house will be good initiate for energy monitoring as well as student demo project for management. Expected energy saving potential about 2 to 4%.



**Energy Audit Report of
Bhiwapur Mahavidyalaya, Bhiwapur
Dist. Nagpur, Maharashtra
Year 2020-21**



**CHAPTER-1
INTRODUCTION**

1.1 About College

Bhiwapur Mahavidyalaya stands as a synonym today for quality education as envisioned by its Founder, Heavenly Bhusaheb Govindrao Mulak in the mufassil area of Bhiwapur tehsil, Nagpur District. As on today, the Institution has blossomed into a full -grown tree catering to professional and conventional schooling to the rural masses.

At a time, when there were no educational institutions in the vicinity, a visionary Late Bahusaheb Govindraoji Mulak pioneered the noble cause of providing edification to the rural folks and under the tutelage of a Charitable Trust named Backward Class Youth Relief Committee in 1974, which initiated a beginning of new epoch in Higher Education in Vidarbha region of Maharashtra State. The stride of the Trust began by establishing Colleges all over with an Engineering College named KDK College of Engineering in 1981. The beacon of light of education dispersed throughout Vidarbha with seventeen institutions imparting learning in almost all the branches of Higher Education.

Bhiwapur Mahavidyalaya is located in Bhiwapur, a rural place with 137 small villages and is very close to the tribal dominated belt of forest area. Located in the serene natural environment with lush green forests and agriculture as the basic occupation, Bhiwapur a small flourishing town is 72 K.M. away from Nagpur. Bhiwapur Mahavidyalaya affiliated to Nagpur University, now Rashtrasant Tukadoji Maharaj Nagpur University was established in 1990 with Arts faculty with the sole objective of imparting education in the field of Higher Studies to enable the rural youth to learn locally and flourish globally despite the tribulations and dearth of abundance.

The journey of elevating the youth continued with the initiation of Commerce Faculty in 2002, B.Sc. in 2012 and B. Voc. in 2019. The stride and vision of the Founder strengthened in its conceptualization with the introduction of Post Graduate courses in Economics, Political Science and Sociology in 2004. Over the years, the noble vision manifested and carved a niche for itself and earned the recognition for the Institution as one of the premier co-educational Institutions in Nagpur region imparting quality education with the strong support of highly competent and skilled teaching and non-teaching staff.



**Energy Audit Report of
Bhiwapur Mahavidyalaya, Bhiwapur
Dist. Nagpur, Maharashtra
Year 2020-21**



Keeping up with pace of the dynamic changes in the field of education, the Institution has kept itself abreast with ICT enabled classrooms, independent Departments; E.T.N.L software supported English Language Lab, state-of-the-art Computer Lab, fully automated Central Administrative Office and Central Library with spacious reading room and UGC Network Resource Centre. Today, the Institution is transforming its envisioned objectives into a reality through quality knowledge dissemination.

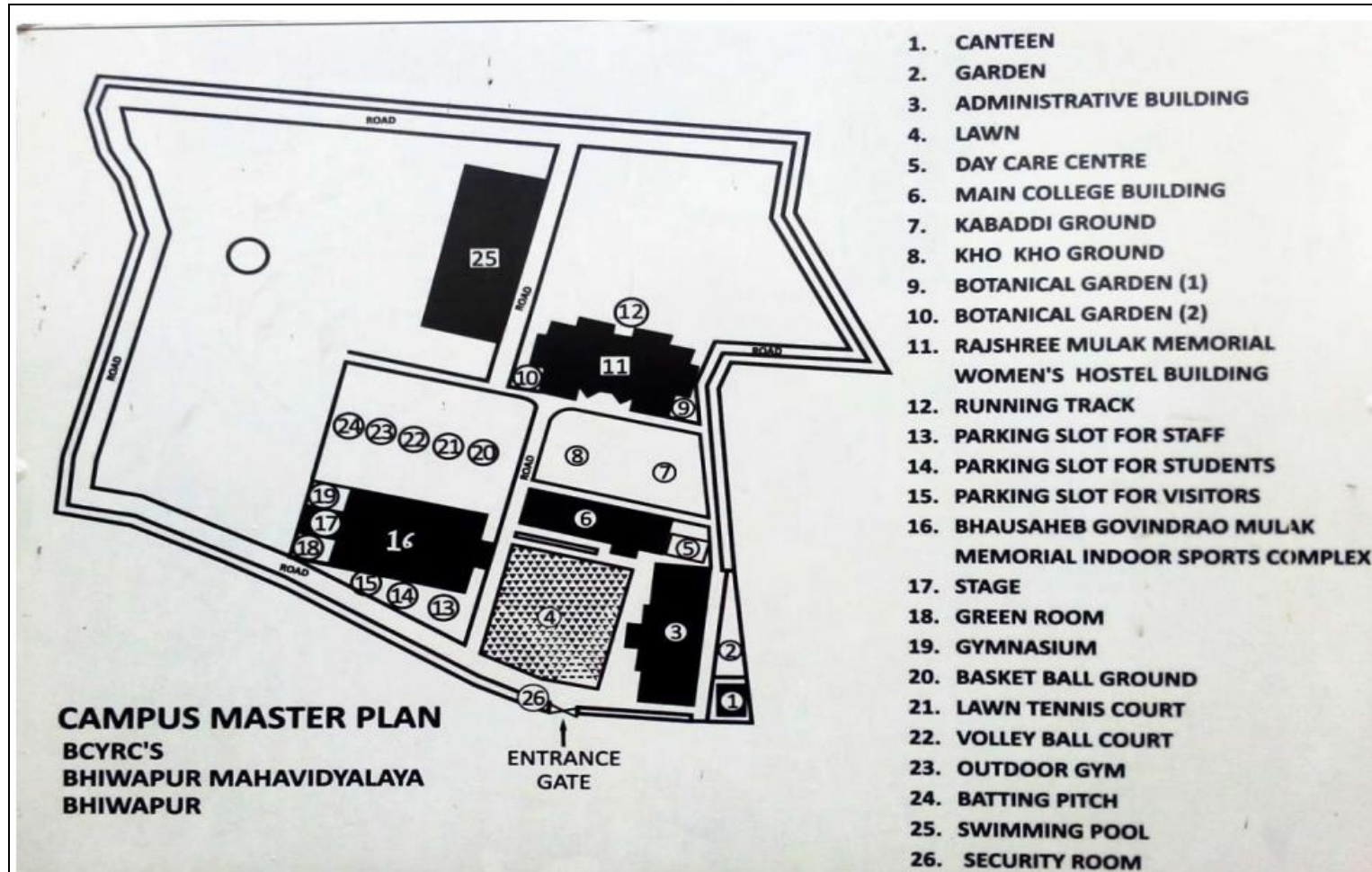
Over the years, the Institution has taken strides to fulfill its vision, mission and quality initiatives. It is proud moment in the history of the Institute to apprise all its stakeholders of the elevation and up gradation of its infrastructural facilities like multi-purpose Auditorium, Conference Hall, Common rooms for girls and boys, canteen, Gymnasium, playgrounds. The Institutions avowals the presence of International Level Swimming Pool and Indoor Stadium to strengthen the learners of the rural areas to compete unabashedly with zest in the world outside Bhiwapur. Gender equity and sensitization are an integral part of the institution's policy of empowering women's education. The Women's Hostel Building enables the girl students to accomplish their dreams of getting quality education. The Institution surpasses in rendering requisite facilities for the students to grow and live a dignified life



**Energy Audit Report of
Bhiwapur Mahavidyalaya, Bhiwapur
Dist. Nagpur, Maharashtra
Year 2020-21**

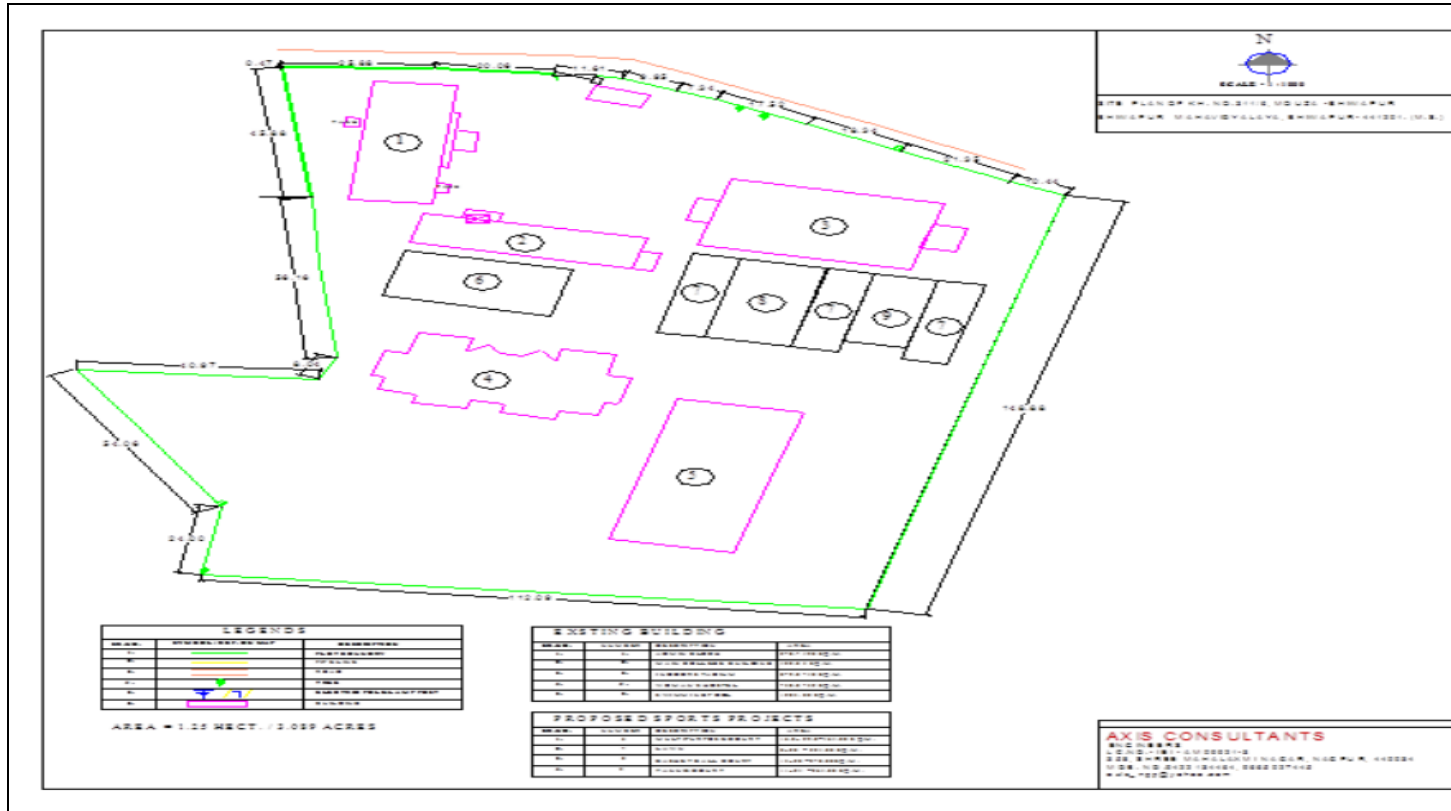


COLLEGE LAYOUT OF VARIOUS FLOORS





**Energy Audit Report of
Bhiwapur Mahavidyalaya, Bhiwapur
Dist. Nagpur, Maharashtra
Year 2020-21**






**Energy Audit Report of
Bhiwapur Mahavidyalaya, Bhiwapur
Dist. Nagpur, Maharashtra
Year 2020-21**



1.2 Energy Monitoring Committee

**Backward Class Youth Relief Committee's
BHIWAPUR MAHAVIDYALAYA**
Arts, Commerce & Science Faculties (Junior and Senior)
At. Po. Bhiwapur, Distt. Nagpur (MS) -441201
Accredited with Grade B (CGPA-2.54) by NAAC, Bengaluru
Ph. No. 07106-232349 : Fax No. 07106-232064 Web site : www.bgm.ac.in
Email: bmv_bhiwapur@yahoo.com


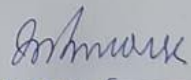
Dr. Jobi George M.A. (Eng.) M.Phil, Ph.D Principal	Smt. Sumanmala B. Mulak President B.C.Y.R.C. B.M.C.T. Khamla, Nagpur	Shri. Rajendra Mulak M.Com. L.L.B. Ex. Minister of State Finance & Planning, Water Resources, Excise, Energy & Parliamentary Affairs (M.S.) Secretary B.C.Y.R.C., B.M.C.T. Khamla, Nagpur
---	--	--

Ref. No./BMV/2021-22/EWGFA C/6649 Date 22/11/2021

ENERGY, WATER, GREEN AND ENVIRONMENT AUDIT COMMITTEE

Energy, Water, Green and Environment audit committee will consist of following members.

Sr. No.	Name of the Member	Designation	Department
01	Dr. Jobi George	Principal	Chairman
02	Dr. Mangesh V. Kadu	IQAC Co-ordinator	Political Science
03	Dr. Motiraj R. Chavhan	Asst. Professor	History
04	Shri. Somehwar Wasekar	Asst. Professor	English
05	Shri. Sagar M. Yadav	Jr. Lecturer	Botany
06	Shri. Sanjay Meshram	Sr. Clerk	Administrative Work
07	Shri. Gulab R. Gedekar	Peon	Gardener



PRINCIPAL
Bhiwapur Mahavidyalaya
Bhiwapur, Dist. Nagpur



**Energy Audit Report of
Bhiwapur Mahavidyalaya, Bhiwapur
Dist. Nagpur, Maharashtra
Year 2020-21**



1. 3 Energy Audit Team

The study team constituted of the following senior technical executives from **Empirical Exergy Private Limited,**

- ✚ **Mr. Rakesh Pathak,** [Director & Electrical Expert]
- ✚ **Mr. Rajesh Kumar Singadiya** [Director & Accredited Energy Auditor AEA-0284]
- ✚ **Mrs. Laxmi Raikwar Singadiya** [Energy & Chemical Engineer]
- ✚ **Mr. Sachin Kumawat** [Sr. Project Engineer]
- ✚ **Mr. Ajay Nahra** [Engineer]
- ✚ **Mr. Charchit Pathak** [Mechanical Engineer]
- ✚ **Mr. Aakash Kumawat** [Assistant Jr. Engineer]



**Energy Audit Report of
Bhiwapur Mahavidyalaya, Bhiwapur
Dist. Nagpur, Maharashtra
Year 2020-21**



1.5 About Energy Audit

Energy audit helps to understand more about the ways energy is used in any plant and helps in identifying areas where waste may occur and scope for improvement exists. The overall energy efficiency from generation to final consumer becomes 50%. Hence one unit saved in the end user is equivalent to two units generated in the power plant.

Energy audit is the most efficient way to identify the strength and weakness of energy management practices and to find a way to solve problems. Energy audit is a professional approach in utilizing economic, financial, and social and natural resources responsibility. Energy audits “adds value” to management control and is a way of evaluating the system.

Empirical Exergy Private Limited (EEPL), Indore M.P. carried out the “Energy Audit” at the site to find gaps in the energy consumption pattern for Bhiwapur Mahavidyalaya, Bhiwapur Dist. Nagpur, Maharashtra. A technical report is prepared as per the need and the requirement of the project.

1.6 Objectives of Energy Auditing

An energy audit provides vital information base for overall energy conservation program covering essentially energy utilization analysis and evaluation of energy conservation measures. It aims at:

- Identifying the quality and cost of various energy inputs.
- Assessing present pattern of energy consumption in different cost centers of operations.
- Relating energy inputs and production output.
- Identifying potential areas of thermal and electrical energy economy.
- Highlighting wastage in major areas.
- Fixing of energy saving potential targets for individual cost centers.
- Implementation of measures for energy conservation & realization of savings.



**Energy Audit Report of
Bhiwapur Mahavidyalaya, Bhiwapur
Dist. Nagpur, Maharashtra
Year 2020-21**



1.7 Methodology:

Methodology adopted for achieving the desired objectives viz.: Assessment of the current operational status and energy savings include the following:

- ✚ Discussions with the concerned officials for identification of major areas of focus and other related systems.
- ✚ Team of engineers visited the site and had discussions with the concerned officials / supervisors to collect data / information on the operations and load distribution within the plant and same for the overall premises. The data was analyzed to arrive at a base line energy consumption pattern.
- ✚ Measurements and monitoring with the help of appropriate instruments including continuous and / or time-lapse recording, as appropriate and visual observations were made to identify the energy usage pattern and losses in the system.
- ✚ Trend analysis of costs and consumptions.
- ✚ Capacity and efficiency test of major utility equipment's, wherever applicable.
- ✚ Estimation of various losses
- ✚ Computation and **in-depth analysis** of the collected data, including utilization of computerized analysis and other techniques as appropriate were done to draw inferences and to evolve suitable energy conservation plan/s for improvements/reduction in specific energy consumption.



**Energy Audit Report of
Bhiwapur Mahavidyalaya, Bhiwapur
Dist. Nagpur, Maharashtra
Year 2020-21**



CHAPTER- 2

POWER SUPPLY SYSTEM AND BILL ANALYSIS

2.1 Power Station and Bill analysis 2020-21

- ✚ Power Supply From: - MSEDCL
- ✚ Customer Number: - 414820011715
- ✚ Sectioned Load :- 0.7 KW
- ✚ Overall Unit Rs/Kwh Year-2020-21 = 7.45

Sr. No.	Month & Year	Section Load	Total Unit Consumption (kWh)	Amount Rs/-	Overall per unit charges (Rs/kWh)
1	Jul-20	0.7	941	5,601/-	5.95
2	Aug-20	0.7	1050	12,860/-	12.25
3	Sep-20	0.7	931	722/-	0.78
4	Oct-20	0.7	1137	8,540/-	7.51
5	Nov-20	0.7	1187	7,969/-	6.71
6	Dec-20	0.7	914	14,360/-	15.71
7	Jan-21	0.7	765	5,190/-	6.78
8	Feb-21	0.7	820	5,680/-	6.93
9	Mar-21	0.7	813	5,640/-	6.94
10	Apr-21	0.7	1047	7,135/-	6.81
11	May-21	0.7	1471	9,460/-	6.43
12	Jun-21	0.7	984	6,450/-	6.55
Total			12,060	89,607/-	7.45

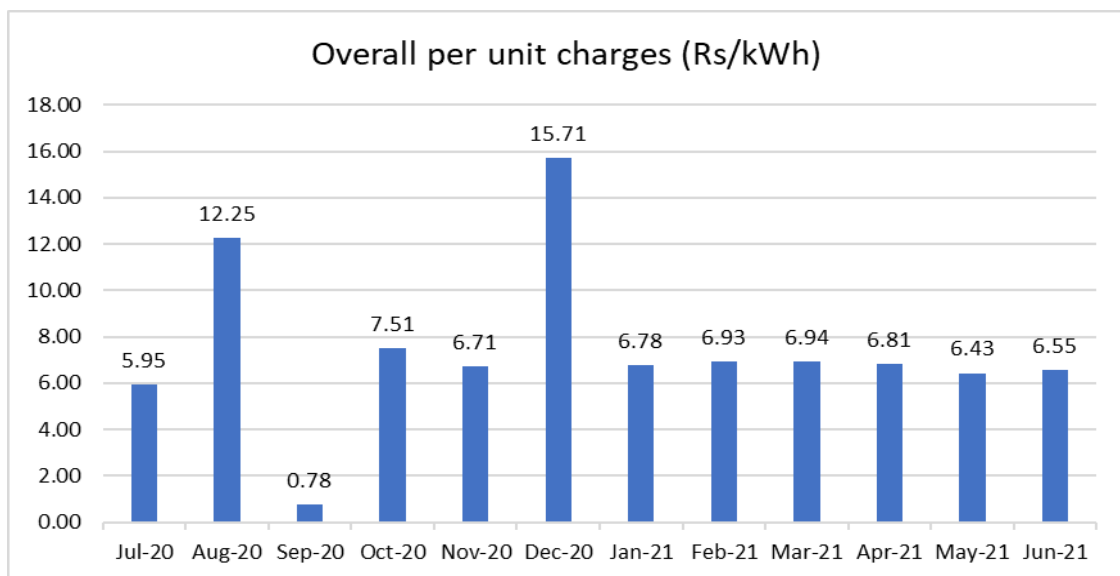




Figure 2.1 :- Graphical Presentation of Unit Consumption Year-2020-21

	Energy Audit Report of Bhiwapur Mahavidyalaya, Bhiwapur Dist. Nagpur, Maharashtra Year 2020-21	
---	---	---

2.2 DG Set :-

There is 1 DG set in power house . Detailed of the DG Sets are given below :



Sr. No.	Parameter	Technical Specification DG Set
1	Make	Kirloskar Brothers Ltd.
2	M/C No	NA
3	Capacity	25 KVA
4	Rated Voltage	240
5	Full load current	60
6	Frequency	50
7	Power factor	1.2
8	RPM	1500
9	Phase	Single



Figure 2.2 :- DG set in Power House

Observation & Suggestion:

- DG set use only in case of grid power failure.
- There is no system to monitor fuel consumptions w.r.t. unit generation.

	Energy Audit Report of Bhiwapur Mahavidyalaya, Bhiwapur Dist. Nagpur, Maharashtra Year 2020-21	
---	---	---

2.3 Photovoltaic System (4Kwp)

There is 4 KWp solar photovoltaic roof systems installed on college building System details are given below:

Sr. No	Description	Technical Specification
1	Plant Information	
1.1	Plant capacity	4.0KWp
1.2	Location	Bhiwapur Mahavidhyalaya Terris
1.3	Latitude & Longitude	20.764 & 79.51
2	PV Panel Details	
2.1	Make	Kotak Urja Pvt. Ltd.
2.2	Panel Type	Polycristline
2.3	Panel Wattage	17v
2.4	Panel Tilt Angle	25
2.5		
3	Inverter Information	
3.1	Make	Microtek
3.2	Model	UPS MEB 1400
3.3	Capacity of Inverter	4.8
3.4	No of Inverter	1



Figure 2.3 :- Solar Plant 4 KWp and Inverter System



**Energy Audit Report of
Bhiwapur Mahavidyalaya, Bhiwapur
Dist. Nagpur, Maharashtra
Year 2020-21**



2.5 Connected Load of College:

Admin Building		
Sr.No.	Equipment	Quantity
1	Ceiling Fan	16
2	Wall Fan	9
3	LED Light	6
4	LED Light	25
5	LED Light	2
6	Bio Metric	1
7	Computer/laptop	17
8	Printer	5
9	T.V	3
10	Server Box	2
11	A.C	6
12	Micro Own	1
13	Xerox Machine	2
14	Stabilizer	1
15	Refrigerator	1



**Energy Audit Report of
Bhiwapur Mahavidyalaya, Bhiwapur
Dist. Nagpur, Maharashtra
Year 2020-21**



Main Building		
Sr.No.	Equipment	Quantity
1	Ceiling Fan	65
2	Wall Fan	4
3	LED Light	72
4	Computer/laptop	58
5	Printer	2
6	Server Box	2
7	A.C	2
8	Micro Own	1
9	Xerox Machine	2
10	Stabilizer	2
11	Refrigerator	1
12	Bell	1
13	Exhausts Fan	5
14	R.O	1
15	Water Filter	2
16	Projector	6



**Energy Audit Report of
Bhiwapur Mahavidyalaya, Bhiwapur
Dist. Nagpur, Maharashtra
Year 2020-21**



Indoor stadium		
Sr.No.	Equipment	Quantity
1	LED Light	1
2	LED Light	12
3	LED Light	1
4	Ceiling Fan	17
5	LED Light	15
6	Computer/laptop	2
7	Projector	1
8	Exhausts Fan	1

Hostel Building		
Sr.No.	Equipment	Quantity
1	Ceiling Fan	45
2	LED Light	38
3	Exhausts Fan	4



**Energy Audit Report of
Bhiwapur Mahavidyalaya, Bhiwapur
Dist. Nagpur, Maharashtra
Year 2020-21**



Swimming Pool

Sr.No.	Equipment	Quantity
1	Ceiling Fan	1
2	LED Light	16
3	7.5 HP Motor	2
5	3 HP Motor	1
6	2 HP Motor	1

Canteen

Sr.No.	Equipment	Quantity
1	Ceiling Fan	3
2	LED Light	7
3	Refrigerator	1
4	Mixer Grinder	1

Street light ground

Sr.No.	Equipment	Quantity
1	LED Light	3
2	LED Light	2
3	LED Light	5



**Energy Audit Report of
Bhiwapur Mahavidyalaya, Bhiwapur
Dist. Nagpur, Maharashtra
Year 2020-21**



2.6 Connected Load sharing equipment

Sr.no.	Equipment Name	Unit Watt	Quantity	Total Watt	Load %
1	Ceiling Fan	60	13	780	1.47
2	Wall Fan	60	13	780	1.47
3	LED Light	18	159	2862	5.40
4	LED Light	24	25	600	1.13
5	LED Light	50	2	100	0.19
6	Bio Metric	0.5	1	0.5	0.00
7	Computer	60	77	4620	8.71
8	Printer	120	7	840	1.58
9	T.V	250	3	750	1.41
10	Server Box	60	4	240	0.45
11	A.C	1500	8	12000	22.62
12	Micro Own	800	2	1600	3.02
13	Xerox Machine	500	4	2000	3.77
14	Stabilizer	120	3	360	0.68
15	Refrigerator	250	3	750	1.41
16	Bell	0.5	5	2.5	0.00
17	Exhausts Fan	250	7	1750	3.30
18	LED Light	100	15	1500	2.83
19	LED Light	50	3	150	0.28
20	Ceiling Fan	60	17	1020	1.92
21	Projector	120	1	120	0.23
22	7.5 HP Motor	7500	2	15000	28.28
23	3 HP Motor	3000	1	3000	5.66
24	2 HP Motor	2000	1	2000	3.77
25	Mixer Grunder	220	1	220	0.41
				53045	100



**Energy Audit Report of
Bhiwapur Mahavidyalaya, Bhiwapur
Dist. Nagpur, Maharashtra
Year 2020-21**

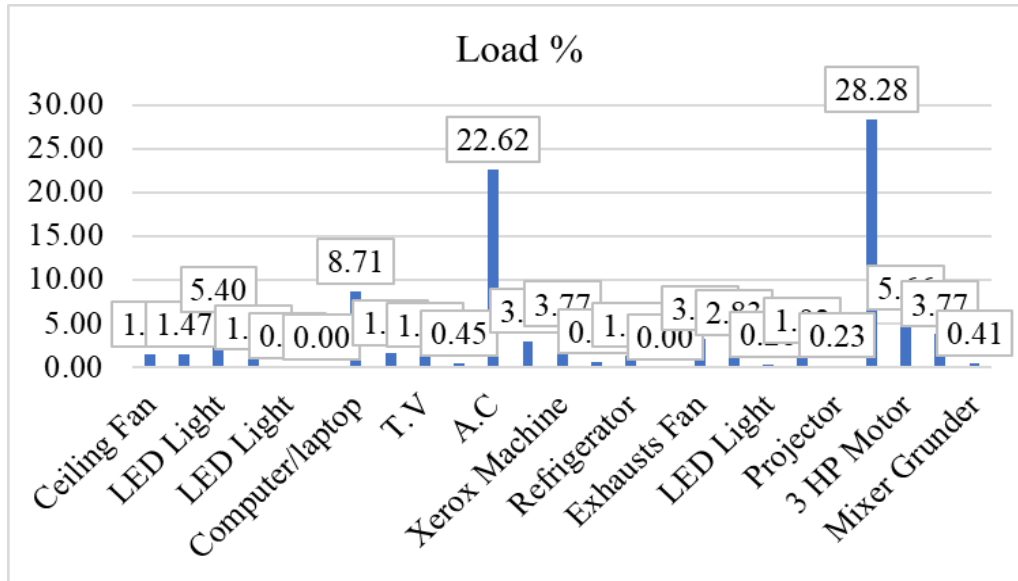


Figure :- Graphical Presentation of connected load Year-2020-21

2.6 Some Photograph of Electrical Equipment's: -



Energy Audit Report of Bhiwapur Mahavidyalaya, Bhiwapur Dist. Nagpur, Maharashtra Year 2020-21

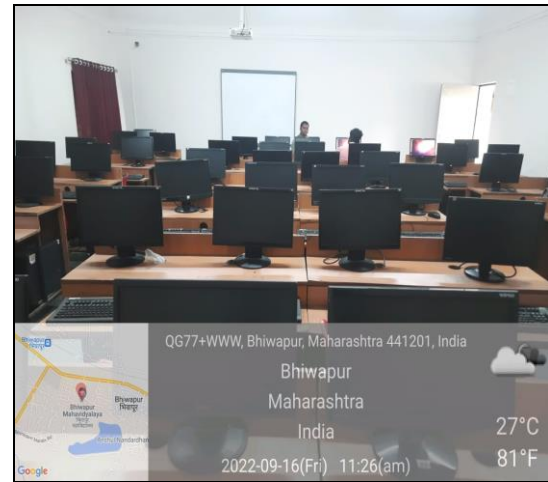


Figure 2.4 :- Electrical Equipment in College



**Energy Audit Report of
Bhiwapur Mahavidyalaya, Bhiwapur
Dist. Nagpur, Maharashtra
Year 2020-21**



**END OF THE REPORT
THANKYOU**



**Environment Audit Report of
Bhiwapur Mahavidyalaya, Bhiwapur
Dist. Nagpur, Maharashtra
Year 2020-21**



**ENVIRONMENT AUDIT REPORT
CONSULTATION REPORT**



**Bhiwapur Mahavidyalaya
Bhimadevi Temple Road, Near Telephone Exchange Office,
At Post Taluka: BHIWAPUR
Dist: Nagpur (M.S.) India- 441201**

PREPARED BY

EMPIRICAL EXERGY PRIVATE LIMITED

Flat No. 201, Om Apartment, 214 Indrapuri Colony,
Bhawarkuwa, Indore – 452 001 (M. P.), India
0731-4948831, 7869327256
Email ID: eempirical18@gmail.com
www.eeplgroups.com
(2020-21)



**Environment Audit Report of
Bhiwapur Mahavidyalaya, Bhiwapur
Dist. Nagpur, Maharashtra
Year 2020-21**



CONTENT

Sr. No.	Items	Page No
I	ACKNOWLEDGEMENT	3
II	EXECUTIVE SUMMARY	4
Chapter-1	Introduction	5
1.1	About College	9
1.2	Environmental Monitoring Committee	10
1.3	The Audit Team	11
1.4	About Water Auditing	12
1.5	Objective of water Audit	13
1.6	Target area of water audit	14
1.7	Methodology Followed for conducting water Audit	12
Chapter- 2	Water Consumption and waste water sources	13
2.1	Details of source fresh water and uses area	13
2.2	Water Accounting and metering system	13
2.3	Water Storage Capacity in College campus	14
2.4	Water uses area in College Campus	15
2.5	Fresh Water uses for Gardening	16
2.6	Waste water generation sources of College campus	17



**Environment Audit Report of
Bhiwapur Mahavidyalaya, Bhiwapur
Dist. Nagpur, Maharashtra
Year 2020-21**



ACKNOWLEDGEMENT

Empirical Exergy Private Limited (EEPL), Indore takes this opportunity to appreciate & thank the management of **Bhiwapur Mahavidyalaya, Bhiwapur Dist. Nagpur, Maharashtra.** for giving us an opportunity to conduct Environment audit for the college.

We are indeed touched by the helpful attitude and co-operation of all faculties and technical staff, who rendered their valuable assistance and co-operation the course of study.

Rajesh Kumar Singadiya

(Director)

M.Tech (Energy Management), PhD (Research Scholar)
Accredited Energy Auditor [AEA-0284]
Certified Energy Auditor [CEA-7271]
(BEE, Ministry of Power, Govt. of India)
Empanelled Energy Auditor with MPUVN, Bhopal M.P.
Lead Auditor ISO50001:2011 [EnMS] from FICCI, Delhi
Certified Water Auditor (NPC, Govt of India)
Chartered Engineer [M-1699118], The Institution of Engineers (India)
Member of ISHRAE [58150]



**Environment Audit Report of
Bhiwapur Mahavidyalaya, Bhiwapur
Dist. Nagpur, Maharashtra
Year 2020-21**



EXECUTIVE SUMMARY

The executive summary of the Environment audit report furnished in this section briefly gives the identified water conservation measures, that can be implemented in a phased manner to water conservation and increase the productivity of the college.

AREAS FOR IMPROVEMENT AND RECOMMENDATION

FRESH WATER MONITORING SYSTEM:

- ✚ Installation of “Cloud based (IoT based) ground water extraction monitoring system” for Borewell to quantify fresh water consumption per day in the College.
- ✚ Install water flow meters (Mechanical or Electronics) in distribution network, like college building, main line and gardening line for quantity per day water consumption and waste water generation in the College campus.

WASTE WATER TREATMENT PLANT

- ✚ Waste water generated from various departments and canteen should be collect in separate waste water collection tank. It should be treated in proposed STP. after that treated water reuse activity like gardening, toilet and wash room etc.

USE EFFICIENT WATER TAPS

- ✚ Water saving taps either reduce water flow or automatically switch off to help save water. So, it is highly recommended to install efficient water taps in university campus to reduce water consumption.

USE EFFICIENT URINAL TAPS.

- ✚ Replacing these inefficient fixtures with water sense labelled flushing urinal can save between 0.5 to 04 litter per flush without sacrificing performance. Installing water saving flushing urinal will not only reduce water use in facilities but also save money on water bills.

INSTALLATION OF WATER OVERFLOW SENSOR IN TANKS.

- ✚ It is observed that water overflow in overhead tanks after filling. So tank, it is recommended installation of water overflow sensor to avoid water overflow.



**Environment Audit Report of
Bhiwapur Mahavidyalaya, Bhiwapur
Dist. Nagpur, Maharashtra
Year 2020-21**



**CHAPTER-1
INTRODUCTION**

1.1 About College

Bhiwapur Mahavidyalaya stands as a synonym today for quality education as envisioned by its Founder, Heavenly Bhausaheb Govindrao Mulak in the mufassil area of Bhiwapur tehsil, Nagpur District. As on today, the Institution has blossomed into a full -grown tree catering to professional and conventional schooling to the rural masses.

At a time, when there were no educational institutions in the vicinity, a visionary Late Bahusaheb Govindraoji Mulak pioneered the noble cause of providing edification to the rural folks and under the tutelage of a Charitable Trust named Backward Class Youth Relief Committee in 1974, which initiated a beginning of new epoch in Higher Education in Vidarbha region of Maharashtra State. The stride of the Trust began by establishing Colleges all over with an Engineering College named KDK College of Engineering in 1981. The beacon of light of education dispersed throughout Vidarbha with seventeen institutions imparting learning in almost all the branches of Higher Education.

Bhiwapur Mahavidyalaya is located in Bhiwapur, a rural place with 137 small villages and is very close to the tribal dominated belt of forest area. Located in the serene natural environment with lush green forests and agriculture as the basic occupation, Bhiwapur a small flourishing town is 72 K.M. away from Nagpur. Bhiwapur Mahavidyalaya affiliated to Nagpur University, now Rashtrasant Tukadoji Maharaj Nagpur University was established in 1990 with Arts faculty with the sole objective of imparting education in the field of Higher Studies to enable the rural youth to learn locally and flourish globally despite the tribulations and dearth of abundance.

The journey of elevating the youth continued with the initiation of Commerce Faculty in 2002, B.Sc. in 2012 and B. Voc. in 2019. The stride and vision of the Founder strengthened in its conceptualization with the introduction of Post Graduate courses in Economics, Political Science and Sociology in 2004. Over the years, the noble vision manifested and carved a niche for itself and earned the recognition for the Institution as one of the premier co-educational Institutions in Nagpur region imparting quality education with the strong support of highly competent and skilled teaching and non-teaching staff.



**Environment Audit Report of
Bhiwapur Mahavidyalaya, Bhiwapur
Dist. Nagpur, Maharashtra
Year 2020-21**



Keeping up with pace of the dynamic changes in the field of education, the Institution has kept itself abreast with ICT enabled classrooms, independent Departments; E.T.N.L software supported English Language Lab, state-of-the-art Computer Lab, fully automated Central Administrative Office and Central Library with spacious reading room and UGC Network Resource Centre. Today, the Institution is transforming its envisioned objectives into a reality through quality knowledge dissemination.

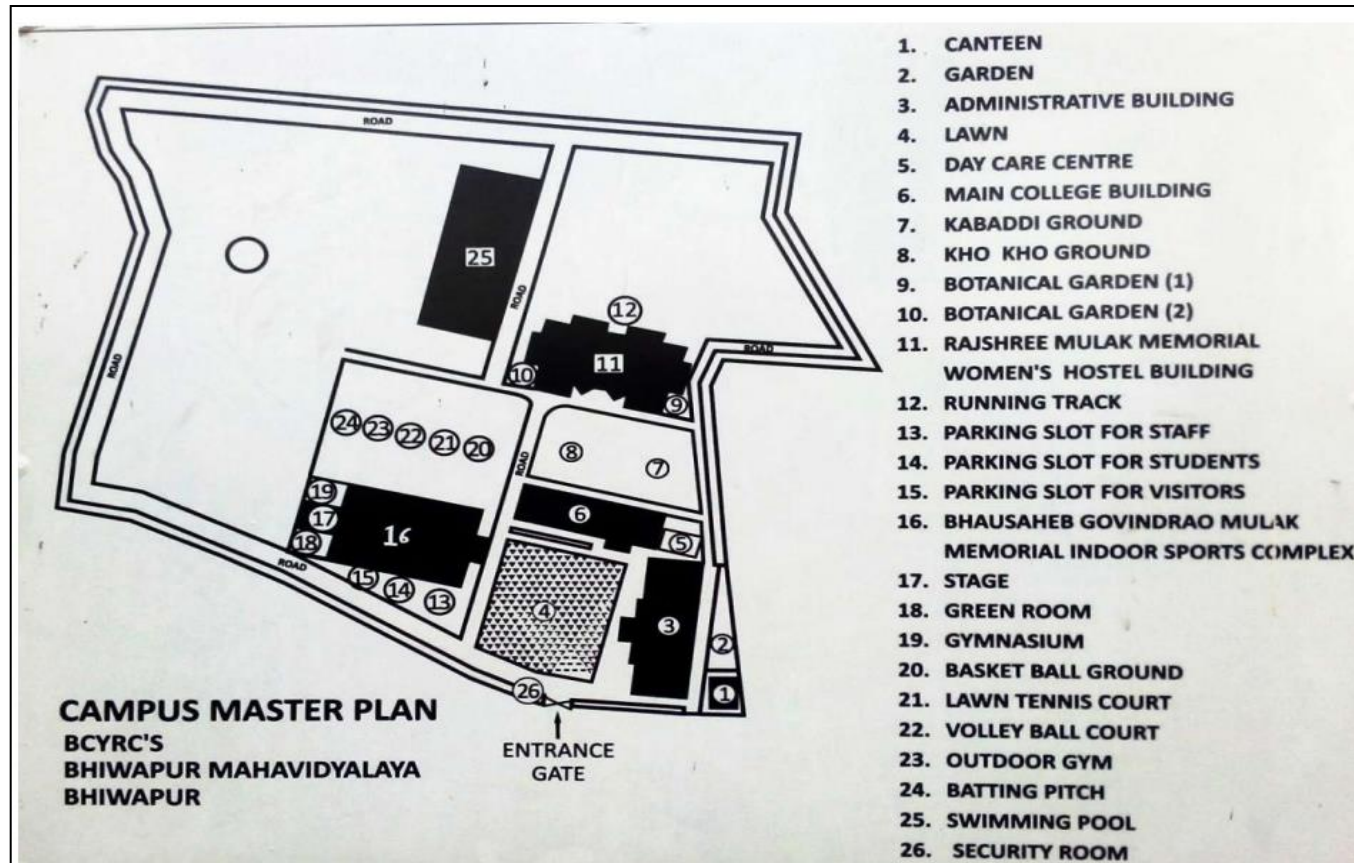
Over the years, the Institution has taken strides to fulfill its vision, mission and quality initiatives. It is proud moment in the history of the Institute to apprise all its stakeholders of the elevation and up gradation of its infrastructural facilities like multi-purpose Auditorium, Conference Hall, Common rooms for girls and boys, canteen, Gymnasium, playgrounds. The Institutions avowals the presence of International Level Swimming Pool and Indoor Stadium to strengthen the learners of the rural areas to compete unabashedly with zest in the world outside Bhiwapur. Gender equity and sensitization are an integral part of the institution's policy of empowering women's education. The Women's Hostel Building enables the girl students to accomplish their dreams of getting quality education. The Institution surpasses in rendering requisite facilities for the students to grow and live a dignified life



Environment Audit Report of
Bhiwapur Mahavidyalaya, Bhiwapur
Dist. Nagpur, Maharashtra
Year 2020-21



COLLEGE LAYOUT OF VARIOUS FLOORS





Environment Audit Report of
Bhiwapur Mahavidyalaya, Bhiwapur
Dist. Nagpur, Maharashtra
Year 2020-21



1.2 Environment Monitoring Committee

Backward Class Youth Relief Committee's
BHIWAPUR MAHAVIDYALAYA
Arts, Commerce & Science Faculties (Junior and Senior)
At. Po. Bhiwapur, Distt. Nagpur (MS) -441201
Accredited with Grade B (CGPA-2.54) by NAAC, Bengaluru
Ph. No. 07106-232349 : Fax No. 07106-232064 Web site : www.bgm.ac.in
Email: bmv_bhiwapur@yahoo.com

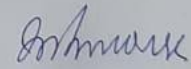
Dr. Jobi George M.A. (Eng.) M.Phil, Ph.D Principal	Smt. Sumanmala B. Mulak President B.C.Y.R.C. B.M.C.T. Khamla, Nagpur	Shri. Rajendra Mulak M.Com. L.L.B. Ex. Minister of State Finance & Planning, Water Resources, Excise, Energy & Parliamentary Affairs (M.S.) Secretary B.C.Y.R.C., B.M.C.T. Khamla, Nagpur
---	--	--


Ref. No./B.M.V/2021-22/EWGFA C/6649 Date 22/11/2021

ENERGY, WATER, GREEN AND ENVIRONMENT AUDIT COMMITTEE

Energy, Water, Green and Environment audit committee will consist of following members.

Sr. No.	Name of the Member	Designation	Department
01	Dr. Jobi George	Principal	Chairman
02	Dr. Mangesh V. Kadu	IQAC Co-ordinator	Political Science
03	Dr. Motiraj R. Chavhan	Asst. Professor	History
04	Shri. Somehwar Wasekar	Asst. Professor	English
05	Shri. Sagar M. Yadav	Jr. Lecturer	Botany
06	Shri. Sanjay Meshram	Sr. Clerk	Administrative Work
07	Shri. Gulab R. Gedekar	Peon	Gardener


PRINCIPAL
Bhiwapur Mahavidyalaya
Bhiwapur, Dist. Nagpur





**Environment Audit Report of
Bhiwapur Mahavidyalaya, Bhiwapur
Dist. Nagpur, Maharashtra
Year 2020-21**



1. 3 Environment Audit Team

The study team constituted of the following senior technical executives from **Empirical Exergy Private Limited,**

- ✚ **Mr. Rakesh Pathak,** [Director & Electrical Expert]
- ✚ **Mr. Rajesh Kumar Singadiya** [Director & Accredited Energy Auditor AEA-0284]
- ✚ **Mrs. Laxmi Raikwar Singadiya** [Energy & Chemical Engineer]
- ✚ **Mr. Sachin Kumawat** [Sr. Project Engineer]
- ✚ **Mr. Ajay Nahra** [Engineer]
- ✚ **Mr. Charchit Pathak** [Mechanical Engineer]
- ✚ **Mr. Aakash Kumawat** [Assistant Jr. Engineer]



**Environment Audit Report of
Bhiwapur Mahavidyalaya, Bhiwapur
Dist. Nagpur, Maharashtra
Year 2020-21**





1.4 About Environment Auditing

Environment audits can be a highly valuable tool for institute in a wide range of ways to improve their energy, environment and economic performance. while reducing wastages and operating costs. Environment audits provide a basis for calculating the economic benefits of water conservation projects by establishing the current rates of water use and their associated cost.

1.5 Objectives of Environment audit

The general objective of Environment audit is to prepare a baseline report on water conservation measures to mitigate consumption, improve quality and sustainable practices.

The specific objectives are:

-  To monitor the water consumption and water conservation practices.
-  To assess the quantity of water, usage, quantity of waste water generation and their reduction within the college.

1.6 Target Areas of Environment audit

This indicator addresses water sources, water consumption, irrigation, storm water, appliances and fixtures aquifer depletion and water contamination are taking place at unprecedented rates. It is therefore essential that any environmentally responsible institution should examine its water use practices.



**Environment Audit Report of
Bhiwapur Mahavidyalaya, Bhiwapur
Dist. Nagpur, Maharashtra
Year 2020-21**



1.7 Methodology followed for conducting Environment audit

Step 1: Walk through survey

- ✚ Understanding of existing water sourcing, storage and distribution facility.
- ✚ Assessing the water demand and water consumption areas/processes.
- ✚ Preparation of detailed water circuit diagram.

Step 2: Secondary Data Collection

- ✚ Analyse historic water use and wastewater generation
- ✚ Field measurements for estimating current water use
- ✚ Metered & unmetered supplies.
- ✚ Understanding of “base” flow and usage trend at site
- ✚ Past water bills
- ✚ Wastewater treatment scheme & costs etc.

Step 3: Site Water Audit Planning (based on site operations and practices)

- ✚ Preparation of water flow diagram to quantify water use at various locations
- ✚ Wastewater flow measurement and sampling plan

Step 4: Conduction of Detailed Water Audit & Measurements

- ✚ Conduction of field measurements to quantify water/wastewater streams
- ✚ Power measurement of pumps/motors
- ✚ Preparation of water balance diagram
- ✚ Establishing water consumption pattern
- ✚ Detection of potential leaks & water losses in the system
- ✚ Assessment of productive and unproductive usage of water
- ✚ Determine key opportunities for water consumption reduction, reuse & recycle.

Step 5: Preparation of Water Audit Report

- ✚ Documentation of collected & analysed water balancing and measurement details
- ✚ Projects and procedures to maximize water savings and minimize water losses.
- ✚ Opportunities for water conservation based on reduce/ recycle/ reuse and recharge options

CHAPTER- 2 WATER CONSUMPTION AND WASTE WATER SOURCES

2.1 Details of Source of Fresh Water and Use Areas:

The main source of freshwater is borewell for the college. The freshwater is mainly used for drinking, housekeeping, gardening, domestic activity and swimming pool tank.

Table 2.1:- Details of source of fresh water and use Areas

Sr. No.	Water sources	Location	Types of water	Application
1	Municipal Water	Academic Building	Fresh water	For drinking
2	Old Borewell	Academic Building	Fresh water	For toilet use
3	New Borewell	Swimming Pool	Fresh water	For swimming pool tank and for toilet

2.2 Water accounting & metering system:

It was observed that there is requirement of water flow meters on borewells to quantify per day ground water extraction from different sources.



Figure 2.2 : - fresh water supply for college campus



**Environment Audit Report of
Bhiwapur Mahavidyalaya, Bhiwapur
Dist. Nagpur, Maharashtra
Year 2020-21**



2.3 Water Storage Capacity in College Campus: -

There are different type of tank available in college for water storage . Details are given below

Table 2.2 : - Water storage tank in college campus

Sr. No.	Name of Building	Quantity	Capacity (Ltr.)
1	Academic Building	03	5000
2	NX Building	01	20000
3	Indoor Stadium	01	2000
4	Girls Hostel	01	2000
5	Swimming Pool	01	10000

Photographs of water storage tanks.

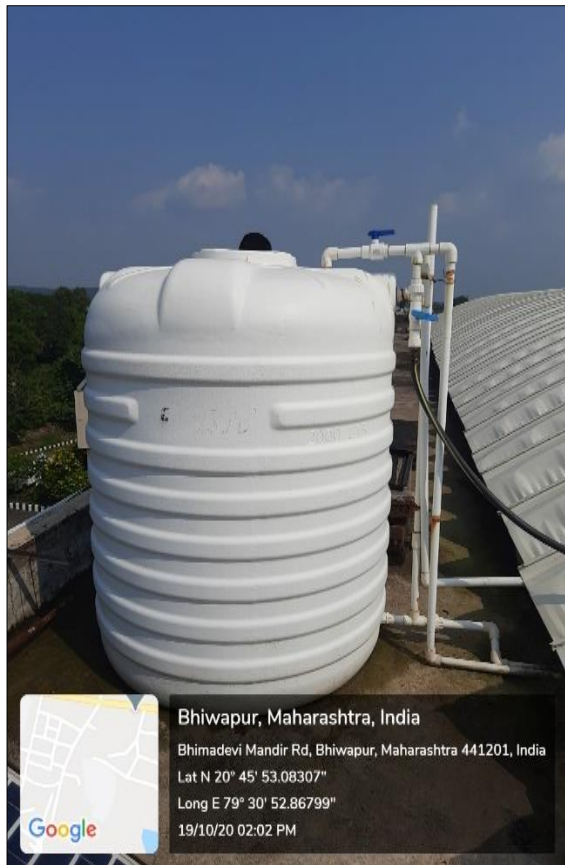


Figure 2.2 :- Water Storage Tank and capacity of College Campus



**Environment Audit Report of
Bhiwapur Mahavidyalaya, Bhiwapur
Dist. Nagpur, Maharashtra
Year 2020-21**



2.4 Water use areas in College Campus: -

Water is preliminary used for drinking, domestic, gardening and activity. Audit team visited various departments and buildings to determine appliances. The details of washroom, toilet and taps are given in table.

Table 2.3 : - water uses areas in the institute campus

Sr. No	Key Water Usage Section	Type of water used (raw, treated, etc.)	Water Consuming activities
1	Admin Block	Fresh Water	Drinking and other uses
2	Hostels	Fresh Water	Drinking, Food cooking, other Uses
3	Institution Buildings	Fresh Water	Drinking and other uses
4	Canteens /Mess	Fresh Water	Food cooking, drinking



**Environment Audit Report of
Bhiwapur Mahavidyalaya, Bhiwapur
Dist. Nagpur, Maharashtra
Year 2020-21**



2.5 Fresh Water uses for Gardening:(Sprinkle)

The one of major contribution from fresh water consumption is watering for plants and garden in college campus. College management is already installation of Watering irrigation Dripper's system" for plants. adjustable drip irrigation tools to provide different amounts of water depending on the water requirements of different plants.



Figure 2.3 :- Technology for Drip Water Irrigation for plant



**Environment Audit Report of
Bhiwapur Mahavidyalaya, Bhiwapur
Dist. Nagpur, Maharashtra
Year 2020-21**



2.6 Waste Water Generation sources: -

At present waste water generated from various departments canteen, Mess, hostels and clinical activity like washrooms, handwash and washing of medical equipment's and RO rejected etc is discharge into drain line.it should be collect is separate tank and treat in proposed STP.

Sr.no	Location	Drinking	Toilet	Urinal	Hand washing
1	Admin Building	1	8	4	2
2	Academic Building	2	8	12	2
3	Indoor Stadium	0	3	3	2
4	Hostel	4	10	4	9
5	Canteen	1	0	0	1
6	Swimming Pool	0	4	4	2
	Total	8	33	27	18

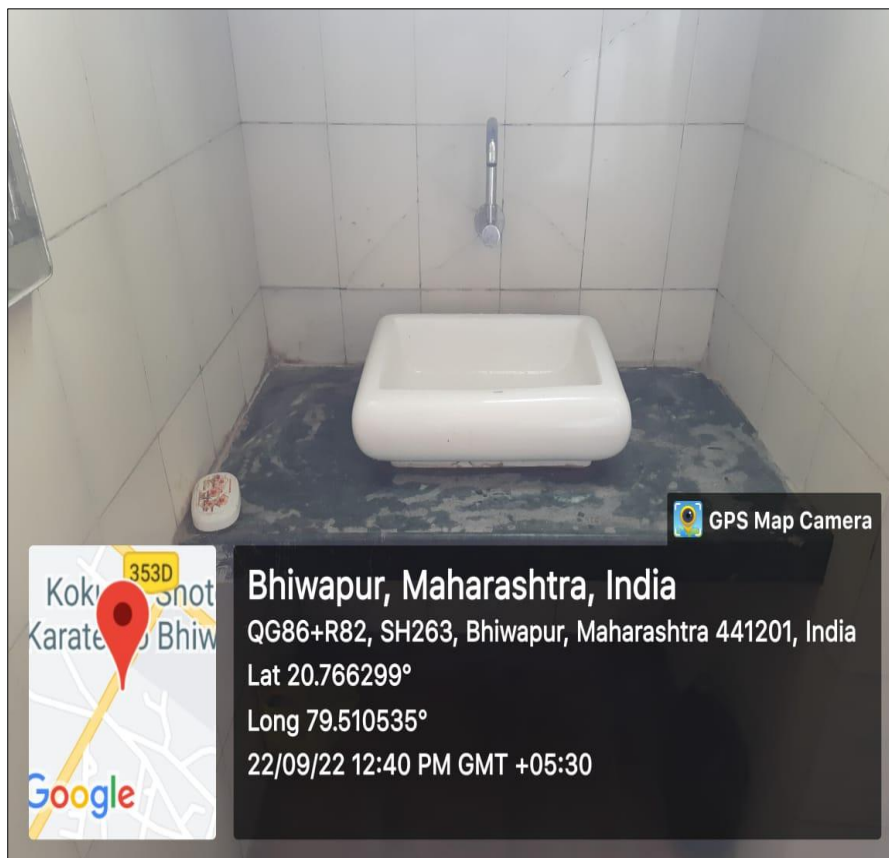


Figure 2.4 :- Waste water generation sources in college campus.



**Environment Audit Report of
Bhiwapur Mahavidyalaya, Bhiwapur
Dist. Nagpur, Maharashtra
Year 2020-21**



END OF THE REPORT
THANKS



**Green Audit Report of
Bhiwapur Mahavidyalaya, Bhiwapur
Dist. Nagpur, Maharashtra
Year 2020-21**



**GREEN AUDIT REPORT
CONSULTATION REPORT**



**Bhiwapur Mahavidyalaya
Bhimadevi Temple Road, Near Telephone Exchange Office,
At Post Taluka: BHIWAPUR
Dist: Nagpur (M.S.) India- 441201**

PREPARED BY

EMPIRICAL EXERGY PRIVATE LIMITED

Flat No. 201, Om Apartment, 214 Indrapuri Colony,
Bhawarkuwa, Indore – 452 001 (M. P.), India
0731-4948831, 7869327256
Email ID: eempirical18@gmail.com
www.eeplgroups.com
(2020-21)



**Green Audit Report of
Bhiwapur Mahavidyalaya, Bhiwapur
Dist. Nagpur, Maharashtra
Year 2020-21**



CONTENTS

Sr. No.	Items	Page No
I	ACKNOWLEDGEMENT	3
II	EXECUTIVE SUMMARY	4
Chapter-1	Introduction	5
1.1	About College	9
1.2	Green Monitoring Committee	10
1.3	Green Audit Team	12
1.4	About Green Auditing	11
1.5	Objectives of Green Auditing	11
1.6	Target Areas of Green Auditing	12
1.7	Audit of Biodiversity	12
1.8	Audit of Green Energy	12
Chapter- 2	GREEN CAMPUS AND SUSTAINABLE DEVELOPMENT	13
2.1	Green Audit	13
2.2	List of plants in college campus	14
Chapter- 3	GREEN ENERGY AND SUSTAINABLE DEVELOPMENT	17
3.1	Photovoltaic System	17
Chapter- 4	CARBON FOOT PRINT	18
4.1	About carbon foot print.	18
4.2	Methodology and Scope	19
4.3	Carbon emission from Electricity	19
4.4	Biomass Calculation and CO ² Sequestration of the Trees	20
4.5	Calculation of CO ₂ Emission of college	24
4.6	Other Emissions Excluded	24
Chapter- 5	WASTE MANAGEMENT	25
5.1	About Waste	25
5.2	Waste management Practices adopted by the College	26
5.3	Waste Collection Points	27
Chapter- 6	RECOMMENDATIONS AND SUGGESTIONS	29
6.1	QR Code System and Biodiversity	29
6.2	Other Suggestions	30



**Green Audit Report of
Bhiwapur Mahavidyalaya, Bhiwapur
Dist. Nagpur, Maharashtra
Year 2020-21**



ACKNOWLEDGEMENT

Empirical Exergy Private Limited (EEPL), Indore takes this opportunity to appreciate & thank the management **Bhiwapur Mahavidyalaya, Bhiwapur Dist. Nagpur, Maharashtra.** for giving us an opportunity to conduct Green audit for the college.

We are indeed touched by the helpful attitude and co-operation of all faculties and technical staff, who rendered their valuable assistance and co-operation the course of study.

Rajesh Kumar Singadiya

(Director)

M.Tech (Energy Management), PhD (Research Scholar)
Accredited Energy Auditor [AEA-0284]
Certified Energy Auditor [CEA-7271]
(BEE, Ministry of Power, Govt. of India)
Empanelled Energy Auditor with MPUVN, Bhopal M.P.
Lead Auditor ISO50001:2011 [EnMS) from FICCI, Delhi
Certified Water Auditor (NPC, Govt of India)
Chartered Engineer [M-1699118], The Institution of Engineers (India)
Member of ISHRAE [58150]

EXECUTIVE SUMMARY



**Green Audit Report of
Bhiwapur Mahavidyalaya, Bhiwapur
Dist. Nagpur, Maharashtra
Year 2020-21**



Green Initiative Taken by College

+ CAMPAIGN OF PLANTATION AND GREEN CAMPUS:

- College has around **586** trees in the campus. Its good initiative taken by management for green campus under the campaign of plantation. **It's APPRECIABLE.**

+ VERMI COMPOST PIT

- College has installed vermicompost pit in college premises for treatment all type organic waste. **It's APPRECIABLE**

AREAS FOR IMPROVEMENT

+ 5 DUST BIN WASTE MANAGEMENT SYSTEM:

- It was observed that college has applied 5 dust bin system for waste management in campus. Waste management system help to implement 3R concept (Recovery, Reuse and Recycling) of different type of waste generated in the college campus.

+ QR Code System on Tree:

- While the world seems to be going digital, people lack the time to read books and process the information they contain. Hence, college can be provided QR codes on the trees for its information and to exploit the rapidly growing platform for a unique purpose.



**Green Audit Report of
Bhiwapur Mahavidyalaya, Bhiwapur
Dist. Nagpur, Maharashtra
Year 2020-21**



**CHAPTER-1
INTRODUCTION**

1.1 About College

Bhiwapur Mahavidyalaya stands as a synonym today for quality education as envisioned by its Founder, Heavenly Bhusaheb Govindrao Mulak in the mufassil area of Bhiwapur tehsil, Nagpur District. As on today, the Institution has blossomed into a full -grown tree catering to professional and conventional schooling to the rural masses.

At a time, when there were no educational institutions in the vicinity, a visionary Late Bahusaheb Govindraoji Mulak pioneered the noble cause of providing edification to the rural folks and under the tutelage of a Charitable Trust named Backward Class Youth Relief Committee in 1974, which initiated a beginning of new epoch in Higher Education in Vidarbha region of Maharashtra State. The stride of the Trust began by establishing Colleges all over with an Engineering College named KDK College of Engineering in 1981. The beacon of light of education dispersed throughout Vidarbha with seventeen institutions imparting learning in almost all the branches of Higher Education.

Bhiwapur Mahavidyalaya is located in Bhiwapur, a rural place with 137 small villages and is very close to the tribal dominated belt of forest area. Located in the serene natural environment with lush green forests and agriculture as the basic occupation, Bhiwapur a small flourishing town is 72 K.M. away from Nagpur. Bhiwapur Mahavidyalaya affiliated to Nagpur University, now Rashtrasant Tukadoji Maharaj Nagpur University was established in 1990 with Arts faculty with the sole objective of imparting education in the field of Higher Studies to enable the rural youth to learn locally and flourish globally despite the tribulations and dearth of abundance.

The journey of elevating the youth continued with the initiation of Commerce Faculty in 2002, B.Sc. in 2012 and B. Voc. in 2019. The stride and vision of the Founder strengthened in its conceptualization with the introduction of Post Graduate courses in Economics, Political Science and Sociology in 2004. Over the years, the noble vision manifested and carved a niche for itself and earned the recognition for the Institution as one of the premier co-educational Institutions in Nagpur region imparting quality education with the strong support of highly competent and skilled teaching and non-teaching staff.



**Green Audit Report of
Bhiwapur Mahavidyalaya, Bhiwapur
Dist. Nagpur, Maharashtra
Year 2020-21**



Keeping up with pace of the dynamic changes in the field of education, the Institution has kept itself abreast with ICT enabled classrooms, independent Departments; E.T.N.L software supported English Language Lab, state-of-the-art Computer Lab, fully automated Central Administrative Office and Central Library with spacious reading room and UGC Network Resource Centre. Today, the Institution is transforming its envisioned objectives into a reality through quality knowledge dissemination.

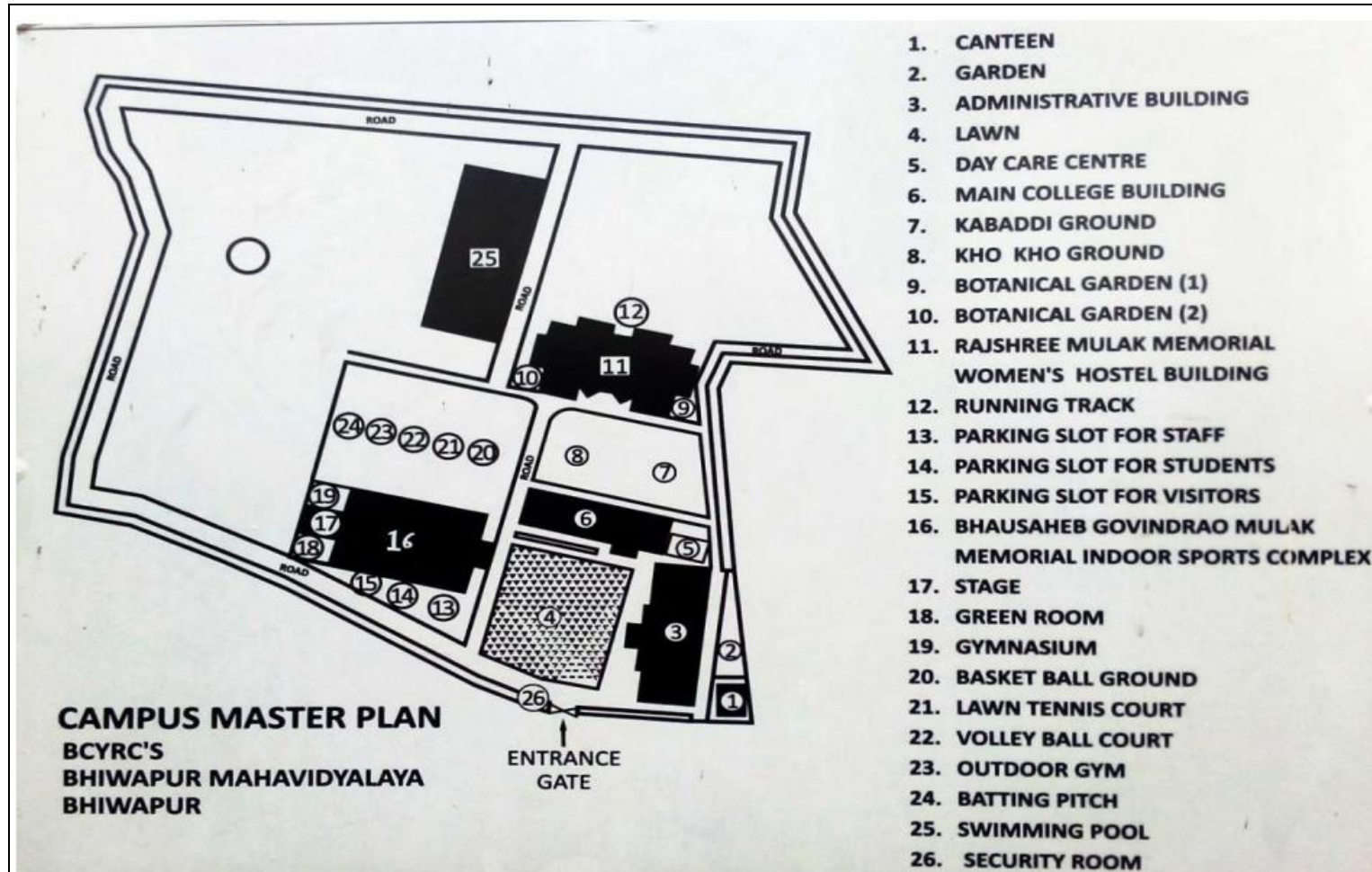
Over the years, the Institution has taken strides to fulfill its vision, mission and quality initiatives. It is proud moment in the history of the Institute to apprise all its stakeholders of the elevation and up gradation of its infrastructural facilities like multi-purpose Auditorium, Conference Hall, Common rooms for girls and boys, canteen, Gymnasium, playgrounds. The Institutions avowals the presence of International Level Swimming Pool and Indoor Stadium to strengthen the learners of the rural areas to compete unabashedly with zest in the world outside Bhiwapur. Gender equity and sensitization are an integral part of the institution's policy of empowering women's education. The Women's Hostel Building enables the girl students to accomplish their dreams of getting quality education. The Institution surpasses in rendering requisite facilities for the students to grow and live a dignified life



**Green Audit Report of
Bhiwapur Mahavidyalaya, Bhiwapur
Dist. Nagpur, Maharashtra
Year 2020-21**



COLLEGE LAYOUT OF VARIOUS FLOORS





**Green Audit Report of
Bhiwapur Mahavidyalaya, Bhiwapur
Dist. Nagpur, Maharashtra
Year 2020-21**



1.2 Energy Monitoring Committee

Backward Class Youth Relief Committee's
BHIWAPUR MAHAVIDYALAYA
Arts, Commerce & Science Faculties (Junior and Senior)
At. Po. Bhiwapur, Distt. Nagpur (MS) -441201
Accredited with Grade B (CGPA-2.54) by NAAC, Bengaluru
Ph. No. 07106-232349 : Fax No. 07106-232064 Web site : www.bgm.ac.in
Email: bmv_bhiwapur@yahoo.com

Dr. Jobi George	Smt. Sumanmala B. Mulak	Shri. Rajendra Mulak
M.A. (Eng.) M.Phil, Ph.D Principal	President B.C.Y.R.C. B.M.C.T. Khamla, Nagpur	M.Com. L.L.B. Ex. Minister of State Finance & Planning, Water Resources, Excise, Energy & Parliamentary Affairs (M.S.) Secretary B.C.Y.R.C., B.M.C.T. Khamla, Nagpur

Ref. No./BMV/2021-22/EWGFA C/6649 Date 22/11/2021

ENERGY, WATER, GREEN AND ENVIRONMENT AUDIT COMMITTEE

Energy, Water, Green and Environment audit committee will consist of following members.

Sr. No.	Name of the Member	Designation	Department
01	Dr. Jobi George	Principal	Chairman
02	Dr. Mangesh V. Kadu	IQAC Co-ordinator	Political Science
03	Dr. Motiraj R. Chavhan	Asst. Professor	History
04	Shri. Somehwar Wasekar	Asst. Professor	English
05	Shri. Sagar M. Yadav	Jr. Lecturer	Botany
06	Shri. Sanjay Meshram	Sr. Clerk	Administrative Work
07	Shri. Gulab R. Gedekar	Peon	Gardener

PRINCIPAL
Bhiwapur Mahavidyalaya,
Bhiwapur, Dist. Nagpur



**Green Audit Report of
Bhiwapur Mahavidyalaya, Bhiwapur
Dist. Nagpur, Maharashtra
Year 2020-21**



1. 3 Green Audit Team

The study team constituted of the following senior technical executives from **Empirical Exergy Private Limited**.

- ✚ **Mr. Rakesh Pathak**, [Director & Electrical Expert]
- ✚ **Mr. Rajesh Kumar Singadiya** [Director & Accredited Energy Auditor AEA-0284]
- ✚ **Mrs. Laxmi Raikwar Singadiya** [Energy & Chemical Engineer]
- ✚ **Mr. Sachin Kumawat** [Sr. Project Engineer]
- ✚ **Mr. Ajay Nahra** [Engineer]
- ✚ **Mr. Charchit Pathak** [Mechanical Engineer]
- ✚ **Mr. Aakash Kumawat** [Assistant Jr. Engineer]



**Green Audit Report of
Bhiwapur Mahavidyalaya, Bhiwapur
Dist. Nagpur, Maharashtra
Year 2020-21**



1.4 About Green Auditing

Eco campus is concepts implemented in many educational institutions, all over the world to make them sustainable because of their mass resource utilization and waste discharge in to the environment.

Green audit means to identify opportunities to sustainable development practices, enhance environmental quality, improve health, hygiene and safety, reduce liabilities achieve values of virtue. Green audit also provides a basis for calculating the economic benefits of resource conservation projects by establishing the current rates of resource use and their associated costs.

Green auditing of “**Bhiwapur Mahavidyalaya**” enables to assess the life style, action and its impact on the environment. This green audit was mainly focused on greening indicators like utilisation of green energy (solar energy) and optimum use of secondary energy sources (petrol and diesel) in the college campus, vegetation, and carbon foot print of the campus etc. The aim of green auditing is to help the institution to apply sustainable development practices and to set examples before the community and young learners.

1.5 Objectives of Green Auditing

The general objective of green audit is to prepare a baseline report on “Biodiversity” and alternative energy sources (solar energy), measures to mitigate resource wastage and improve sustainable practices.

The specific objectives are:

- ✚ To suggest measures to make the college campus biodiversity rich
- ✚ To demarcate areas within the institute campus which have potential for restoration of biodiversity
- ✚ To make recommendations for the conservation, protection and rejuvenation of the natural vegetation and animal life by involving students and faculty members
- ✚ To inculcate values of sustainable development practices through green audit mechanism.
- ✚ Providing a database for corrective actions and future plans.
- ✚ To identify the gap areas and suggest recommendations to improve the green campus status of the college.



Green Audit Report of Bhiwapur Mahavidyalaya, Bhiwapur Dist. Nagpur, Maharashtra Year 2020-21



1.6 Target Areas of Green Auditing

Green audit forms part of a resource management process. Although they are individual events, the real value of green audit is the fact that they are carried out, at defined intervals, and their results can illustrate improvement or change over time.

Eco-campus concept mainly focuses on the efficient use of energy and water; minimize waste generation or pollution and also economic efficiency. Target areas included in this green auditing is biodiversity, green energy and carbon foot print.

1.7 Audit for Biodiversity

India is mega-biodiversity hottest hot-spot in the world with tremendous diversity in plants and animals. Such biotic forms are endemic to the different bio-geographic habitats in urban and in forest areas of the country as well. Biodiversity is defined as genetic, species and ecosystem diversity, which offers variability and therefore added values to bio-resources.

The most serious and rapidly accelerating of all the global environmental problems is the loss of biodiversity through deforestation and biodiversity cover depletion. Over the past 300 years, many species of organisms, including mammals, birds, butterflies and plants, have been lost due to many anthropogenic activities. In one year, a single mature tree will absorb up to 48 pounds of carbon dioxide from the atmosphere, and release it as oxygen.

1.8 Audit of Green Energy:

According to the **Environmental Protection Agency (EPA)**, green energy provides the highest environmental benefit and includes power produced by solar, wind, geothermal, biogas, low-impact hydroelectric, and certain eligible biomass sources. Green energy can also reduce your carbon footprint and achieve a sustainable lifestyle.





**Green Audit Report of
Bhiwapur Mahavidyalaya, Bhiwapur
Dist. Nagpur, Maharashtra
Year 2020-21**



CHAPTER- 2

GREEN CAMPUS & SUSTAINABLE DEVELOPMENT

2.1 Green Audit

In the survey, focus has been given on assessment of present status of diversity in form of plants, in college campus and efforts made by the college authorities for nature conservation. Campus is located in the vicinity of approximately more than 586 trees/ medicinal herbs/ ornamental plants. The detail is given below:



Figure 2.1 :- Green Campus



**Green Audit Report of
Bhiwapur Mahavidyalaya, Bhiwapur
Dist. Nagpur, Maharashtra
Year 2020-21**



2.2 List of plants in college campus

Sr. No	Name of Tree	Quantity
1	Nag Chafa	126
2	Chafa (white and red)	13
3	Seasonal Plants	31
4	Yellow trumpet bush	19
5	White Kanher	4
6	Saptparni	3
7	Bakul	3
8	Vidya	10
9	Royal Palm	9
10	pink periwinkle	5
11	Boganvel (red)	2
12	Zandu	30
13	Peru	3
14	Lemon	4
15	Chiku	1
16	Mango	12
17	Amla	1
18	Chandan	1
19	Imli	1
20	Fanas	1
21	Mullberry	1
22	Tulsi	2
23	Nagfani	3
24	Kanher	4
25	Nilgiri	2
26	Adulsa	2
27	Aloe Vera	3
28	Apta	8
29	Sisum	11
30	Gulmohar	11
31	Babhool	6
32	Kadamba	1
33	Vasant Rani	32
34	Pithodia	38
35	Bahawa	30



**Green Audit Report of
Bhiwapur Mahavidyalaya, Bhiwapur
Dist. Nagpur, Maharashtra
Year 2020-21**



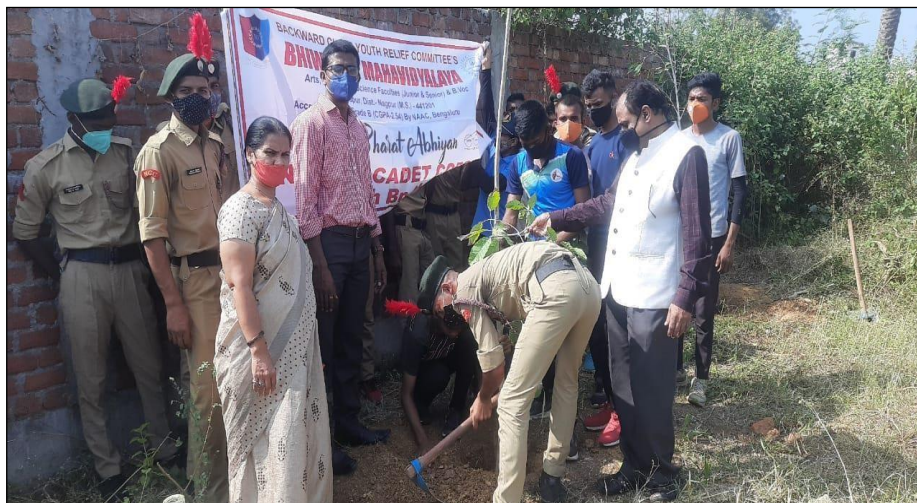
36	Shishir	30
37	Saptapadi	32
38	Shankasur	1
39	Jambhul	3
40	Tamhan	2
41	Bakul	1
42	Bamboo	19
43	Mosambi	2
44	Orange	11
45	Sitafal	1
46	Madagascar Almond	33
47	Dagdipala	9
48	Purple heart	9



Green Audit Report of Bhiwapur Mahavidyalaya, Bhiwapur Dist. Nagpur, Maharashtra Year 2020-21



Glimpse of some appreciable initiative by the college



CHAPTER- 3

GREEN ENERGY AND SUSTAINABLE DEVELOPMENT

3.1 Photovoltaic System (4 Kwp)

There is 4KWp solar photovoltaic roof systems installed on college building. System details are given below:

Sr. No	Description	Technical Specification
1	Plant Information	
1.1	Plant capacity	4.0KWp
1.2	Location	Bhiwapur Mahavidhyalaya Terris
1.3	Latitude & Longitude	20.764 & 79.51
2	PV Panel Details	
2.1	Make	Kotak Urja Pvt. Ltd.
2.2	Panel Type	Polycristline
2.3	Panel Wattage	17v
2.4	Panel Tilt Angle	25
3	Inverter Information	
3.1	Make	Microtek
3.2	Model	UPS MEB 1400
3.3	Capacity of Inverter	4.8
3.4	No of Inverter	1



Figure 3.1 : - Solar Plant KWp and Inverter System



**Green Audit Report of
Bhiwapur Mahavidyalaya, Bhiwapur
Dist. Nagpur, Maharashtra
Year 2020-21**



**Chapter-04
Carbon Foot print**

4.1 About carbon foot print.

Climate change is one of the greatest challenges facing nations, governments, institutions, business and mankind today.

Carbon footprint is a measure of the impact your activities have on the amount of carbon dioxide (CO₂) produced through the burning of fossil fuels and is expressed as a weight of CO₂ emissions produced in tonnes.

We focus on consumption in each of our five major categories: housing, travel, food, products and services. In addition to these we also estimate the share of national emissions over which we have little control, government purchases and capital investment.

For simplicity and clarity all our calculations follow one basic method. We multiply a use input by an emissions factor to calculate each footprint. All use inputs are per individual and include things like fuel use, distance, calorie consumption and expenditure. Working out your inputs is a matter of estimating them from your home, travel, diet and spending behaviour.

Although working out you inputs can take some investigation on your part the much more challenging aspect of carbon calculations is estimating the appropriate emissions factor to use in your calculation. Where possible you want this emissions factor to account for as much of the relevant life cycle as possible.

We all have a carbon footprint...





**Green Audit Report of
Bhiwapur Mahavidyalaya, Bhiwapur
Dist. Nagpur, Maharashtra
Year 2020-21**



4.2 Methodology and Scope

The carbon footprint gives a general overview of the College greenhouse gas emissions, converted into CO₂ -equivalents and it is based on reported data from internal and external systems. The purposes of the carbon indicators are to measure the carbon intensity per unit of product, in addition to showing environmental transparency towards external stakeholders. The carbon footprint reporting approach undertaken in this study follows the guidelines and principles set out in the “Greenhouse Gas Protocol Corporate Accounting and Reporting Standard” (hereafter referred to as the GHG Protocol) developed by the Greenhouse Gas Protocol Initiative and international standard for the quantification and reporting of greenhouse gas emissions -ISO 14064. This is the most widely used and accepted methodology for conducting corporate carbon footprints. The study has assessed carbon emissions from the College Campus. This involves accounting for, and reporting on, the GHG emissions from all those activities for which the company is directly responsible. The items quantified in this study are as classified under the ISO 14064 standards: The report calculates the greenhouse gas emissions from the College. This includes electricity, as well as emission associated with diesel consumption in the institute vehicle. The emission associated with air travel, waste generation, administration, and marketing related activities has been excluded from the current study. Emissions from business activities are generally classified as scope 1, 2 or 3 areas classified under the ISO 14064 standards.

4.3 Carbon emission from Electricity

Direct emissions factors are widely published and show the amount of emissions produced by power stations in order to produce an average kilowatt-hour within that grid region

Unlike with other energy sources the carbon intensity of electricity varies greatly depending on how it is produced and transmitted. For most of us, the electricity we use comes from the grid and is produced from a wide variety of sources. Although working out the carbon intensity of this mix is difficult, most of the work is generally done for us.

Electricity used in the site is the significant contributors towards GHGs emission from the unit. Electricity used onsite is the most direct, and typically the most significant, a contributor to a unit's carbon footprint. Thus, using an average fuel mix of generating electricity, carbon dioxide intensity of electricity for national grid is assumed to be 0.9613 KgCO₂/Kwh



**Green Audit Report of
Bhiwapur Mahavidyalaya, Bhiwapur
Dist. Nagpur, Maharashtra
Year 2020-21**



(Reference: Central Electricity Authority (CEA) Baseline Carbon Dioxide Emission database http://cea.nic.in/reports/others/thermal/tpece/cdm_co2/database_11.zip) Electricity Purchased from the grid

Sr. No	Parameter	Unit	Value	Emission Factor kg CO ₂ e/kWh	Emission ton CO ₂ e/year
1	Electricity	12060	kWh	0.9613	11.59

4.4 Biomass Calculation and CO₂ Sequestration of the Trees: -

1. Estimation of above ground biomass (AGB)

$$K = 34.4703 - 8.0671D + 0.6589 D^2$$

Where = K is above ground biomass.

D is Breast height diameter in (cm)

2. Estimation of below ground biomass (BGB)

$$BGB = AGB \times 0.15$$

3. Total Biomass (TB)

$$TB = AGB + BGB$$

4. Calculation of carbon dioxide Weight sequestered in the tree in kg.

$$C = W \times 0.50$$

5. Calculate the weight of Co₂ Sequestered in the tree per

$$\text{year in kg.Co}_2 = C \times 3.666$$

Where: -

AGB = Above ground biomass.

D = Diameter of tree breast height

BGB = Below Ground Biomass.

C = Carbon

TB = Total Biomass.

4.5 Biomass Calculation of Trees

Sr. no.	Tree Name	Botanical and Family name	Average Daimeter CM (10 to 100)	AGB	BGB	Total	Carbon Storage	Amount of Co2 Sequestered	Total	Total Amount of Co2 Sequestered	Annually Co2 Sequestered amount (Ton/year)
1	Nag Chafa	Mangoliachampaca	26	283.7	42.5	326.2	163.1	598.0	126	75342	1.03
2	Chafa (white and red)	Plumeriaobtusa	19	126.3	18.9	145.2	72.6	266.2	13	3460	0.05
3	Seasonal Plants	Seasonal Plants	30	403.5	60.5	464.0	232.0	850.5	31	26365	0.36
4	Yellow trumpet bush	Tecomastan	22	185.6	27.8	213.4	106.7	391.2	19	7433	0.10
5	White Kanher	Nerium oleander	20	144.7	21.7	166.4	83.2	305.0	4	1220	0.02
6	Saptarni	Alstoniascholaris	34	545.0	81.8	626.8	313.4	1148.8	3	3447	0.05
7	Bakul	Mimusopselengi	48	1211.4	181.7	1393.2	696.6	2553.7	3	7661	0.10
8	Vidya	Thuja	29	371.5	55.7	427.2	213.6	783.1	10	7831	0.11
9	Royal Palm	Roystonearegia	32	471.5	70.7	542.2	271.1	993.9	9	8945	0.12
10	pink periwinkle	Vincacatharanthroseus	18	109.2	16.4	125.6	62.8	230.2	5	1151	0.02
11	Boganvel (red)	Bougainvillea glabra	30	403.5	60.5	464.0	232.0	850.5	2	1701	0.02
12	Zandu	Tagetus	34	545.0	81.8	626.8	313.4	1148.8	30	34465	0.47
13	Peru	Psidiumguajava	56	1711.7	256.8	1968.5	984.3	3608.3	3	10825	0.15
14	Lemon	Ctrus	19	126.3	18.9	145.2	72.6	266.2	4	1065	0.01
15	Chiku	ManikaraZopota	37	665.4	99.8	765.2	382.6	1402.6	1	1403	0.02
16	Mango	Magniferaindica	48	1211.4	181.7	1393.2	696.6	2553.7	12	30644	0.42



**Green Audit Report of
Bhiwapur Mahavidyalaya, Bhiwapur
Dist. Nagpur, Maharashtra
Year 2020-21**



17	Amla	Phyllanthusemblica	29	371.5	55.7	427.2	213.6	783.1	1	783	0.01
18	Chandan	Santalum album	44	993.9	149.1	1143.0	571.5	2095.0	1	2095	0.03
19	Imli	Tamarindusindiacca	26	283.7	42.5	326.2	163.1	598.0	1	598	0.01
20	Fanas	Artocarpushererophyllus	47	1155.0	173.3	1328.3	664.1	2434.7	1	2435	0.03
21	Mullberry	Morus	37	665.4	99.8	765.2	382.6	1402.6	1	1403	0.02
22	Tulsi	Ocimum sanctum	13	44.3	6.6	51.0	25.5	93.5	2	187	0.00
23	Nagfani	Opuntia	27	311.6	46.7	358.3	179.2	656.8	3	1970	0.03
24	Kanher	Nerium Oleander	19	126.3	18.9	145.2	72.6	266.2	4	1065	0.01
25	Nilgiri	Eucalyptus	21	164.5	24.7	189.1	94.6	346.7	2	693	0.01
26	Adulsa	Justiciaadhatoda	18	109.2	16.4	125.6	62.8	230.2	2	460	0.01
27	Aloe Vera	Asphodelaceae	24	231.9	34.8	266.7	133.3	488.9	3	1467	0.02
28	Apta	Bauhinia recemosa	27	311.6	46.7	358.3	179.2	656.8	8	5254	0.07
29	Sisum	DalbergiaSissoo	56	1711.7	256.8	1968.5	984.3	3608.3	11	39691	0.54
30	Gulmohar	Caesalpinia	39	752.5	112.9	865.3	432.7	1586.2	11	17448	0.24
31	Babhool	Acacia auriculiformis	48	1211.4	181.7	1393.2	696.6	2553.7	6	15322	0.21
32	Kadamba	Neolamrckiacadamba	52	1450.7	217.6	1668.3	834.2	3058.1	1	3058	0.04
33	Vasant Rani	Tubebuiarosea	60	1994.5	299.2	2293.7	1146.8	4204.3	32	134537	1.83
34	Pithodia	Diospyrosmelanoxylon	47	1155.0	173.3	1328.3	664.1	2434.7	38	92519	1.26
35	Bahawa	Cassia Fustula	32	471.5	70.7	542.2	271.1	993.9	30	29818	0.41
36	Shishir	SamaneaSaman	26	283.7	42.5	326.2	163.1	598.0	30	17939	0.24
37	Saptapadi	AstoniaScholaris	51	1388.9	208.3	1597.2	798.6	2927.7	32	93686	1.28
38	Shankasur	Caesalppinia	29	371.5	55.7	427.2	213.6	783.1	1	783	0.01
39	Jambhul	Syzygiumcumini	38	708.3	106.2	814.5	407.2	1493.0	3	4479	0.06
40	Tamhan	Legarstroemiaspeciosa	29	371.5	55.7	427.2	213.6	783.1	2	1566	0.02
41	Bakul	Mimusopselengi	21	164.5	24.7	189.1	94.6	346.7	1	347	0.00



**Green Audit Report of
Bhiwapur Mahavidyalaya, Bhiwapur
Dist. Nagpur, Maharashtra
Year 2020-21**



42	Bamboo	Bambusoideae	29	371.5	55.7	427.2	213.6	783.1	19	14878	0.20
43	Mosambi	Citrus Limetta	16	79.2	11.9	91.1	45.5	166.9	2	334	0.00
44	Orange	Citrus x sinensis	24	231.9	34.8	266.7	133.3	488.9	11	5377	0.07
45	Sitafal	Annonasquamosa	19	126.3	18.9	145.2	72.6	266.2	1	266	0.00
46	Madagascar Almond	Termaliamantaly	17	93.5	14.0	107.6	53.8	197.2	33	6506	0.09
47	Dagdipala	Asreaceae	32	471.5	70.7	542.2	271.1	993.9	9	8945	0.12
48	Purple heart	Tradescantiapallida	27	311.6	46.7	358.3	179.2	656.8	9	5911	0.08
Total Co2 Emission neutralize by the trees											10.02

4.5 Calculation of CO2 Emission of college: -

$$\begin{array}{rcl}
 \text{Total Carbon Footprint generated} & = & \text{Carbon footprint by electricity} \\
 \text{by the campus} & & - \\
 & & \text{Carbon Neutralize by tree}
 \end{array}$$

$$\begin{array}{rcl}
 \text{Total Carbon Foot} & & \\
 \text{print by campus:} & 11.59 - 10.02 = & \mathbf{1.57 \text{ tons/year}}
 \end{array}$$

4.6 Other Emissions Excluded

This study did not evaluate the carbon sequestration potential of existing plantation activities and emission from the staff commuting, food supply, official flights, paper products, water supply, and waste disposal and recycling due to limited data availability. The current study identifies areas where data monitoring, recording and archiving need to be developed for enlarging the scope of mapping of GHGs emission in the future years. Accordingly, a set of tools and record keeping procedure will be developed for improving the quality of data collection for the next year carbon footprint studies.



**Green Audit Report of
Bhiwapur Mahavidyalaya, Bhiwapur
Dist. Nagpur, Maharashtra
Year 2020-21**



**CHAPTER- 5
WASTE MANAGEMENT**

5.1 About Waste:

Human activities create waste, and it is the way these wastes are handled, stored, collected and disposed of, which can pose risks to the environment and to public health. Waste management is important for an eco-friendly campus. In college different types of wastes are generated, its collection and management are very challenging.

Solid waste can be divided into three categories: bio-degradable, non-biodegradable and hazardous waste. A bio-degradable waste includes food wastes, canteen waste, wastes from toilets etc. Non-biodegradable wastes include what is usually thrown away in homes and schools such as plastic, tins and glass bottles etc. Hazardous waste is waste that is likely to be a threat to health or the environment like cleaning chemicals, acids and petrol.

Unscientific management of these wastes such as dumping in pits or burning them may cause harmful discharge of contaminants into soil and water supplies, and produce greenhouse gases contributing to global climate change respectively. Special attention should be given to the handling and management of hazardous waste generated in the college. Bio-degradable waste can be effectively utilized for energy generation purposes through anaerobic digestion or can be converted to fertilizer by composting technology. Non-biodegradable waste can be utilized through recycling and reuse. Thus the minimization of solid waste is essential to a sustainable college. The auditor diagnoses the prevailing waste disposal policies and suggests the best way to combat the problems.

Different types of waste generated in the College Campus.

Sr. No.	Types of Waste	Particulars
1	Solid wastes	Damaged furniture, paper waste, paper plates, food wastes etc
2	Plastic waste	Pen, Refill, Plastic water bottles and other plastic containers, wrappers etc
3	E-Waste	Computers, electrical and electronic parts etc
4	Glass waste	Broken glass wares from the labs etc
5	Chemical wastes	Laboratory waste etc
6	Bio-medical Waste	Sanitary Napkin etc



Green Audit Report of Bhiwapur Mahavidyalaya, Bhiwapur Dist. Nagpur, Maharashtra Year 2020-21



5.2 Waste management Practices adopted by the College

College has a different type of waste generated like paper, Plastic, dust and wet waste. The college provided dustbin near classroom, office, laboratories, staff room, and collect the waste material at the end of the day. The waste (Especially dry material) is collected in a big dustbin which are provided at every floor and the next day collected municipal corporation for further processing.



Recommendation:

Adopted 5 Bin Waste Collection System for collect different type of waste generated in college premises.



Figure: - 5 Dust Bin waste collection System

5.3 Waste Collection Points:

Audit team also visited various departments, canteen, and residential area, to find out waste generation area and waste collection points for further improvement. Details are given in the table.

Name of Building: Admin Building

Sr. No.	Location	No. of Dust Bin & Colors	Type of Waste (Dry/Wet/Organic etc)
1	Office	06 Blue	Dry
2	Principal Office	1	Dry
3	Conference Room	0	Dry
4	Board Room	0	Dry
5	Poarch	1	Dry

Name of Building: Academic Block

Sr. No.	Location	No. of Dust Bin & Colors	Type of Waste (Dry/Wet/Organic etc)
1	Ground Floor	5	Dry
2	First Floor	5	Dry
3	Second Floor	2	Dry
4	Third Floor	4	Dry

Name of Building: Indoor Stadium

Sr. No.	Location	No of Dust Bin & Colors	Type of Waste (Dry/Wet/Organic etc)
1	Indoor Stadium	01(Blue)	Dry
2	NCC Room	02 (Blue)	Dry
3	Department of Physical Education	01 (Blue)	Dry



**Green Audit Report of
Bhiwapur Mahavidyalaya, Bhiwapur
Dist. Nagpur, Maharashtra
Year 2020-21**



Name of Building: Hostel

Sr. No.	Location	No of Dust Bin & Colors	Type of Waste (Dry/Wet/Organic etc)
1	Poarch	02 Blue (1) Red (1)	Dry / Wet

Name of Building: Swimming Pool

Sr. No.	Location	No of Dust Bin & Colors	Type of Waste (Dry/Wet/Organic etc)
1	Pool side	01 (Blue)	Dry

Name of Building: Canteen

Sr. No.	Location	No of Dust Bin & Colors	Type of Waste (Dry/Wet/Organic etc)
1	Poarch	02 Blue (1) Red (1)	Dry / Wet



CHAPTER- 6 RECOMMENDATIONS AND SUGGESTIONS

6.1 QR Code System and Biodiversity:

While the world seems to be going digital, people lack the time to read books and process the information they contain. Hence, College can be provided QR codes on the trees for its information and to exploit the rapidly growing platform for a unique purpose.



Figure :- QR Code System for plants

These codes can give students all the information they need to know about the tree — from its scientific name to its medicinal value. They only need to put their smart-phones to use. QR codes to them, making it easier for everybody to learn about a plant or a tree at the tip of their fingers,” If any app generating a QR code, which is available for free on the online stores, can be used to avail the information of the trees.

Eco-restoration programmes

- Frame long-term eco-restoration programmes for replacing exotic Acacia plantations with indigenous trees and need of the hour is to frame a holistic campus development plan.



**Green Audit Report of
Bhiwapur Mahavidyalaya, Bhiwapur
Dist. Nagpur, Maharashtra
Year 2020-21**



6.2 Other Suggestions

Some of the very important suggestions are:-

- ✚ Adopt the proposed Environmentally Responsible Purchasing Policy, and work towards creating and implementing a strategy to reduce the environmental impact of its purchasing decisions.
- ✚ Increase recycling education on campus.
- ✚ Increase Awareness of Environmentally Sustainable Development in college campus.
- ✚ Practice Institutional Ecology- Set an example of environmental responsibility by establishing institutional ecology policies and practices of resource conservation, recycling, waste reduction, and environmentally sound operations.
- ✚ Involve All Stakeholders- Encourage involvement of government, foundations, and industry in supporting interdisciplinary research, education, policy formation, and information exchange in environmentally sustainable development.
- ✚ Collaborate for Interdisciplinary Approaches- To develop interdisciplinary approaches to curricula, research initiatives, operations, and outreach activities that support an environmentally sustainable future.
- ✚ Increase reduce, reuse, and recycle education on campus.
- ✚ Develop a butterfly garden that arouses appreciation towards flora and fauna diversity.
- ✚ Name all the trees and plants (Plant DNA barcodes) with its common name and scientific name.
- ✚ Arrange training programmes on environmental management system and nature conservation.
- ✚ Renovation of cooking system in the canteen to save gas by installation solar water heater system with heat pump.
- ✚ Establish a procurement policy that is energy saving and eco-friendly.



सत्यमेव जयते
Government of India
Ministry of Education

Department of Higher Education
Statistics Division
New Delhi

Certificate



Reference No. C-18427-2021

This is to certify that Dr. Jobi George of Bhiwapur College, Bhiwapur has successfully uploaded the data of All India Survey on Higher Education(AISHE) 2021-2022.

R Rajesh

(Shri R. Rajesh)

Deputy Director General

Dated: 14/01/2023



Government of India

Ministry of Education

Department of Higher Education

Statistics Division

New Delhi

Certificate



Reference No. C-18427-2022

This is to certify that JOBI D GEORGE of BHIWAPUR MAHAVIDYALAYA has successfully uploaded the data of All India Survey on Higher Education(AISHE) 2022-2023.

(Shri R. Rajesh)

Deputy Director General

Dated: 14/03/2024

*This is to Certify that the
Quality Management System
of*

BHIWAPUR MAHAVIDIYALAYA

**BHIMADEVI TEMPLE ROAD, NEAR TELEPHONE EXCHANGE OFFICE,
AT POST BHIWAPUR, TALUKA BHIWAPUR, DIST NAGPUR-441201,
MAHARASHTRA, INDIA.**

**has been independently assessed and is compliant
with the requirements of**

ISO 9001:2015

**This Certificate is applicable to the following product or service ranges:
PROVIDING THE VARIOUS COURSES OF GRADUATE & POST GRADUATE
LEVEL FOR THE STREAMS OF ARTS, COMMERCE,
SCIENCE & BACHELOR OF VOCATION**

:: Certificate No.:: IN11985A

Date of initial registration	27 June 2019
Date of this certificate	27 June 2019
Surveillance audit on or before	26 June 2020
Recertification Due/ Certification expiry	26 June 2022

Validity of this Certificate is subject to completion of surveillance audit on or before of due date in case surveillance audit not allowed to be conducted this Certificate shall be suspended / withdrawals. This certificate is property of ICL Certifications and shall be returned immediately when demanded.

Accreditation



Joar
Director

ICL/FM-001/REV06

For verification and updated information concerning the assessed certificate, visit to www.iclcert.com

This Certificate is the property of Integral Certification Private Limited and shall be returned immediately when demanded.

Integral Certification (P) Ltd.
U-60 (3rd Floor), Shakar Pur, Laxmi Nagar, Delhi-110092
E-mail: info@iclcert.com Website : www.iclcert.com
Contact No. : +91-11-33257055



Registration Certificate

This is to certify that

BHIWAPUR MAHAVIDYALAYA

BHIMADEVI TEMPLE ROAD, NEAR TELEPHONE EXCHANGE OFFICE, AT POST BHIWAPUR, TALUKA BHIWAPUR, DIST. NAGPUR-441201, MAHARASHTRA, INDIA.

has been assessed by RAPL and found to comply with the requirements of

ISO 9001 : 2015 Quality Management Systems

For the following activities:

PROVIDING THE VARIOUS COURSES OF GRADUATE & POST GRADUATE LEVEL FOR THE STREAMS OF ARTS, COMMERCE, SCIENCE & BACHELOR OF VOCATION.

Certificate Number: E2023104910
Date of certification: 10/10/2023
Ist Surveillance on or before: 09/10/2024
IInd Surveillance on or before: 09/10/2025
Certification Valid Until: 09/10/2026



Director (Certification)
Royal Assessments Pvt. Ltd.

623 A, Tower-B, iThum, Plot No. A - 40, Sector - 62, Noida 201301, India.
www.royalapl.com, info@royalapl.com
Phone : +91 120 4251329

This Certificate can be verified at www.royalapl.com

This Certificate remains the property of Royal Assessments Private Limited. Must be returned on request or if certificate is withdrawn. Validity of this certificate is subject to successful surveillance audits. RAPL is accredited by EGAC. EGAC is member of International Accreditation Forum (IAF) and signatory of MLA.



राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद
 विश्वविद्यालय अनुदान आयोग का स्वायत्त संस्थान
NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL
 An Autonomous Institution of the University Grants Commission

Quality Profile

Name of the Institution : Bhiwapur Mahavidyalaya

Place : Bhiwapur, Nagpur, Maharashtra

Criteria	Weightage (W_i)	Criterion-wise Weighted Grade Point (Cr WGP _i)	Criterion-wise Grade Point Averages (Cr WGP _i / W_i)
I. Curricular Aspects	100	200	2.00
II. Teaching-Learning and Evaluation	350	1000	2.86
III. Research, Consultancy and Extension	150	410	2.73
IV. Infrastructure and Learning Resources	100	290	2.90
V. Student Support and Progression	100	250	2.50
VI. Governance, Leadership & Management	100	220	2.20
VII. Innovations and Best Practices	100	170	1.70
Total	$\sum_{i=1}^7 W_i = 1000$	$\sum_{i=1}^7 (Cr WGP_i) = 2540$	

$$\text{Institutional CGPA} = \frac{\sum_{i=1}^7 (Cr WGP_i)}{\sum_{i=1}^7 W_i} = \frac{2540}{1000} = \boxed{2.54}$$

Grade = B

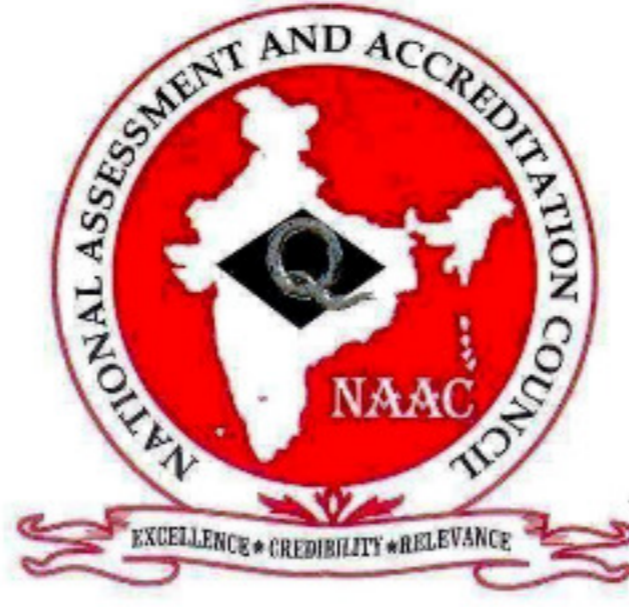
Descriptor = GOOD

Date : November 15, 2015



D. Singh
Director

- This certification is valid for a period of Five years with effect from November 15, 2015
- An institutional CGPA on four point scale in the range of 3.01 - 4.00 denotes A grade (Very Good), 2.01 - 3.00 denotes B grade (Good), 1.51 - 2.00 denotes C grade (Satisfactory)
- Scores rounded off to the nearest integer



राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद

विश्वविद्यालय अनुदान आयोग का स्वायत्त संस्थान

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

An Autonomous Institution of the University Grants Commission

Certificate of Accreditation

*The Executive Committee of the
National Assessment and Accreditation Council
on the recommendation of the duly appointed*

Peer Team is pleased to declare the

Bhiwapur Mahavidyalaya

Bhiwapur, Nagpur, affiliated to Rashtrasant Tukadoji Maharaj Nagpur University, Maharashtra as

Accredited

with CGPA of 2.54 on four point scale

at B grade

valid up to November 14, 2020

Date : November 15, 2015



D. Singh
Director