Sudam Shikshan Prasarak Mandal,

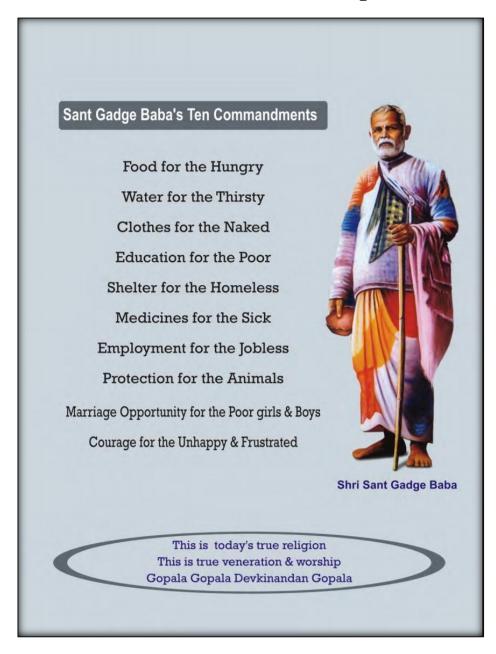
Matoshri Nanibai Gharphalkar Science College, Babhulgaon.



Thirteenth Annual Report. 2020-21.

Matoshri Nanibai Gharphalkar Science College, Babhulgaon serves education under the guidelines of Sant Gadge Baba Amravati University, Amravati. Our college never fails to express our gratitude and teachings of Sant Gadge Baba.

Ten Commandments of Sant Gadge Baba



OUR INSPIRATION:



Matoshri Nanibai Gharphalkar.



Late. Mrs. Babasaheb Gharphalkar.

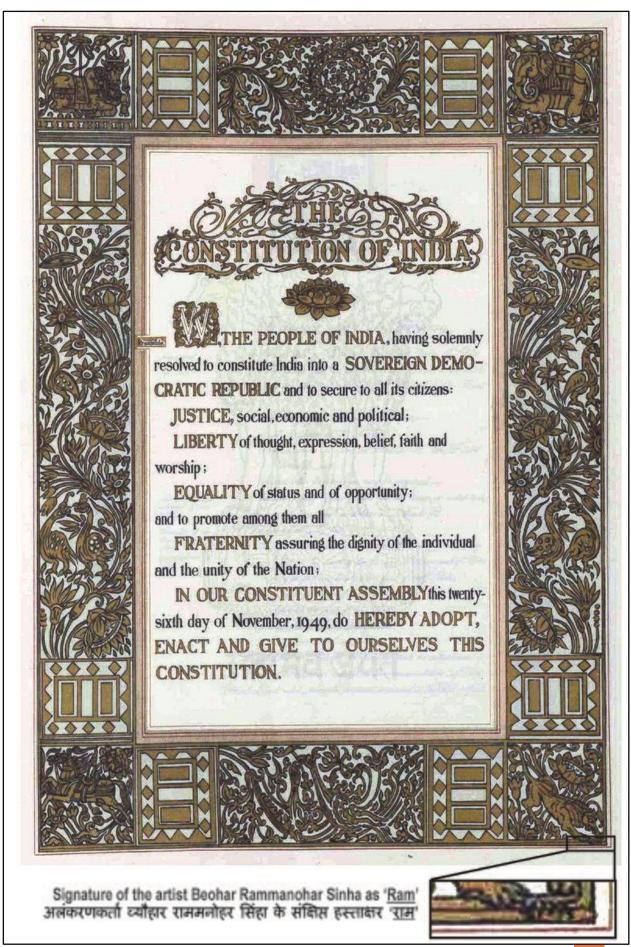
OUR PILLARS:





Mr. Krushnabhau Kadu Secretory.

Dr. Achyut P. Deshpande Principal.



CONTENTS:

- 1. Preface.
- 2. About College.
- 3. College Academic Calendar 2020-21.
- 4. Regular timetable
- 5. Staff members (teaching and non-teaching staff.)
- 6. Faculty Achievements.
- 7. Student progression.
- 8. Awards.
- 9. Committees:
- 10. Collaborations and MOU's.
- 11. College Activities.
 - a. Lecture series as a tribute to Prof. Chintamani Mande.
 - b. International Yoga Day.
 - c. World Environment Day.
 - d. Teachers' Day.
 - e. National Science Day.
 - f. National Librarian Day.
 - g. Convocation.
- 12. Examination and Result.
- 13. Financial report.
- 14. Future plans, Conclusion and Remarks.

PREFACE:

Annual Report Committee feel proud to submit 13th annual report of Matoshri Nanibai Gharphalkar Science College, Babhulgaon which was established in 2008. This annual report consists of various academic and extra-curricular activities carried by our college. On further proceeding of the report, we will sum-up the qualitative and numeric growth of our college.

This report provides details of the college Committees, programmes also exhibit details of students who have shown outstanding performance in the field of Sports and Cultural activities. Along with student's achievements this report also include faculty achievements of our college. Report includes various activities conducted by National Service Scheme which sows the seed of social service among students. Report also concentrates on various activities conducted by various teaching departments of the college.

Report ends with the academic conclusions withdrawn by annual report committee which covers positive and negatives of this annual session. Concluding points and remarks will for sure help our college to improve more in upcoming academic year.



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About College:

The College was established in 2008-09 with an intention to provide good science education to the students of this backward rural area. The College Management aims at developing the College as an Institute to impart knowledge in every field of science with the best experimental facilities.

The College is located in an environment-friendly area with minimum sound, water and air pollution. Providing the basic infra structural facilities to the students, well-equipped laboratories are ready to enhance the experimental skill of the students.

Extra-curricular activities, games and sports, cultural and social activities help students development as well as cultured citizen of the country having social awareness.

College website: www.mngsciencecollege.ac.in

College email: mng.babhulgaon@gmail.com



Academic Calendar 2020-21:

SN.	Activity	Commencement	Concluding Days	Total Days
1.	First Session	Tuesday, 4 August, 2020	Saturday, 26 December, 2020	104
2.	Admission Process	Tuesday, 4 August, 2020	Monday, 31 August, 2020	28
3.	Teaching Days	Monday, 17 August, 2020	Saturday, 7 November, 2020	66
		Monday, 23 November, 2020	Monday, 21 December, 2020	24
4.	Induction Programme (For 1st Year Students)	Monday, 17 August, 2020	1 Week (Except Professional Courses Students) and 3 Weeks for Professional Courses Students.	8
5.	Preparation of Winter Examination/College Examination	Tuesday 22 December, 2020	Saturday, 26 December, 2020	5
6.	First Term Vacation	Monday, 9 November, 2020 Monday, 28 December,	Saturday, 21 November, 2020Saturday, 9 January 2021	13 12
7.	Second Session	Monday, 11 January, 2021	Saturday, 29 May, 2021	104
8.	Teaching Days (Second Session)	Monday,11 January, 2021	Saturday, 8 May, 2021	94
9.	Preparation for Summer (Examination/College Examinations/ Non – instructional Day)	Monday, 10 May, 2021	Saturday, 29 May, 2021	16
10.	Second term Vacation	Monday, 31May, 2021	Saturday, 4 July 2021	35



Academic Calendar 2020-21:

SN.	Holidays /Festivals	Day & Date
1.	Independence Day	Saturday, 15 August, 2020
2.	Ganesh Chaturthi	Saturday, 22August, 2020
3.	Gauri Poojan	Wednesday, 26August, 2020
4.	Anant Chaturdashi	Tuesday, 1 September, 2020
5.	Sarvapitri Amawasyya	Thursday, 17 September, 2020
6.	Mahatma Gandhi Jayanti	Friday, 2 October, 2020
7.	Id-E-Milad	Friday, 30 October, 2020
8.	Gurunank Jayanti	Monday, 30 November, 2020
9.	Christmas	Christmas
10.	Chhatrapati Shivaji Maharaj Jayanti	Friday, 19 February, 2021
11.	Mahashivratri	Thursday, 11 March, 2021
12.	Holi (Second Day)	Monday, 29 March, 2021
13.	Good Friday	Friday, 2 April, 2021
14.	Gudhi Padwa	Tuesday, 13 April, 2021
15.	Dr.Babasaheb Ambedkar Jayanti	Wednesday, 14 April, 2021
16.	Maharashtra Day	Saturday, 1 May, 2021
17.	Ramzan Eid	Thursday, 13 May, 2021
18.	Buddha Pournima	Wednesday, 26 May, 2021

Following festivals/Holidays fall on the Sunday.

19.	Parasi New Year	August 16, 2020
20.	Mohram	August,30, 2020
21.	Dasara	October 14, 2021
22.	Mahavir Jayanti	April 25,2021



TIME – TABLE (2020-2021):

		ı	- II	III	IV	V	break	VII	VII	VIII	
D a y	Time→ Class↓	10.30 am To 11.15am	11.15 am To 12.00 noon	12.00noo n To 12.45pm	12.45pm To 1.30 pm	1.30 pm To 2.15 pm	2.15 pm - 2.45 pm	2.45p m To 3.30p m	3.30pm To 4.15pm	4.1 5p m To 4.4 5 pm	4.45pm To 5.15 pm
	B.Sc. I	TUT- PHY	ENG	BOT/PHY	ZOO/MAT	CHEM/EC		Prat	. CHEM /C	PS	sport
O n	B.Sc. II	B1 TUT – PHY B1		ZOO/MAT H/CPS	H/CPS CHEM/EC T	T BOT/PHY		Prat	. – ZOO /P	HY	
	B.Sc. III	TUT – MATH B1		CHEM/EC T	BOT/PHY	ZOO/MAT H/CPS		Prat	t BOT /E0	CT	
Т	B.Sc. I	TUT – ENG B1	ENG	вот/рнү	ZOO/MAT H/CPS	CHEM/EC T	R	Prat	. CHEM /C	PS	sport
u e	B.Sc. II	TUT – PHY B2		ZOO/MAT H/CPS	CHEM/EC T	BOT/PHY	E	Prat	. – ZOO /P	HY	
	B.Sc. III	TUT – PHY B1		CHEM/EC T	BOT/PHY	ZOO/MAT H/CPS	С	Pra	at- BOT/EC	T	
W	B.Sc. I	TUT – MATH B1	ENG	BOT/PHY	ZOO/MAT H/CPS	CHEM/EC T	E	Pra	it- BOT /EC	CT	sport
e d	B.Sc. II	TUT – MATH B1		ZOO/MAT H/CPS	CHEM/EC T	BOT/PHY	S	Prat	. CHEM /C	PS	
	B.Sc. III	TUT – PHY B2		CHEM/EC T	BOT/PHY	ZOO/MAT H/CPS	S	Prat.	. – ZOO /P	HY	
Т	B.Sc. I	TUT – ENG B2	MAR	BOT/PHY	ZOO/MAT H/CPS	CHEM/EC T		Pra	t BOT/EO	CT	sport
h u	B.Sc. II	TUT- PHY B3		ZOO/MAT H/CPS	CHEM/EC T	BOT/PHY		Prat.	- CHEM/0	CPS	
	B.Sc. III	TUT-PHY		CHEM/EC T	BOT/PHY	BOT/PHY		Prat	:. – ZOO /P	HY	
F	B.Sc. I	TUT- PHY B2	MAR	BOT/PHY	ZOO/MAT H/CPS	CHEM/EC T		Pra	t. – ZOO/P	HY	sport
r i	B.Sc. II	TUT – PHY B4		ZOO/MAT H/CPS	CHEM/EC T	BOT/PHY		Pra	t BOT /E	СТ	
	B.Sc. III	TUT- MATH B2		CHEM/EC T	BOT/PHY	ZOO/MAT H/CPS		Prat.	– CHEM-/	CPS	
S	B.Sc. I	TUT – MATH B2	MAR	BOT/PHY	ZOO/MAT H/CPS	CHEM/EC T		Prat	– ZOO/PI	НҮ	sport
a t	B.Sc. II	TUT – MATH B2		ZOO/MAT H/CPS	CHEM/EC T	BOT/PHY		Pra	t BOT/EC	CT	
	B.Sc. III	TUT- MATH B3		CHEM/EC T	BOT/PHY	ZOO/MAT H/CPS		Prat.	– CHEM/C	CPS	

Staff Members:

Teaching Staff:

Sr.no	Faculty	Designation	Department
1.	Dr.A.P.Deshpande.	Principal	Physics.
2.	Dr. S. S. Battalwar.	Director Of Physical Education	Physical Education
3.	Prof. O. K. Kapse.	Assistant Professor	Chemistry
4.	Prof. M. L. Gupta	Assistant Professor	Computer Science
5.	Prof. H.D. Gupta	Assistant Professor	Computer Science
6.	Prof. G. P. Save	Assistant Professor	Physics
7.	Mr. U. A. Khadse	Librarian	Library
8.	Prof. V.D. Pakde	Assistant Professor	English
9.	Prof. S.G. Bhagat	Assistant Professor	Physics
10.	Prof. A.A. Patil	Assistant Professor	Botany
11.	Prof. K.S. Kathale	Assistant Professor	Mathematic
12.	Prof. A.P. Kombe	Assistant Professor	Mathematic
13.	Prof. S.B. Patil	Assistant Professor	Zoology
14.	Prof. B.S. Pillai	Assistant Professor	Zoology
15.	Prof. S.R. Yesansure	Assistant Professor	Chemistry
16.	Prof. G.U. Gour	Assistant Professor	Chemistry
17.	Prof. K.B. Shelke	Assistant Professor	Botany
18.	Prof. V.M. Kawalkar	Assistant Professor	Physics

Non-Teaching Staff:

Sr.no	Name	Designation
1.	Sushant. M. Bire.	Main Clerk.
2.	Prashant Gaikwad.	Senior Clerk.
3.	Sanjay Thavale.	Clerk.
4.	Vivek Thavale.	Laboratory Assistant
5.	Sandeep Kude.	Laboratory Attendant.
6.	Sachin Mankar.	Laboratory Attendant.
7.	Sagar Gole.	Laboratory Attendant.
8.	Akash Vatkar.	Laboratory Attendant.
9	Manish Kadu.	Library Attendant.
10.	Chandrashekhar Landge.	Peon.
11.	Ashish Wanare.	Peon.
12.	Amol Chore.	Peon.
13	Gajanan Gawande.	Peon.



Faculty Achievements:

• Prof. Anuradha Patil qualified SET examination held on 27 dec 2020.



Student progression:

- Sanction intake for academic year 2020-21: 360.
- Enrolment number of students: 317.

Sr. no	Category	Number of
		students
1.	SC	64
2.	ST	20
3.	OBC	159
4.	Open	37
5.	Others	37
	Total	317.



Awards:

We feel privileged that our college never fails to contribute society. Even in covid pandemic era our college decided to provide our college infrastructure for Covid-19 quarantine center in Babhulgoan taluka. This remarkable contribution was appreciated by Babhulgoan Tahasildar and awarded us with certificate.



4 Committees:

For fluent working of college administration, college runs several committees. Chairperson of each committee organizes meeting regularly. Chairperson and all the committee members discuss the topic and required action is taken. Chairperson of each committee make sure the implementation of discussed action taken. Every committee maintains its independent report register.

College has 14 committees working efficiently. 14 committees are as given below-

- 1) Management Executive Committee.
- 2) College Development committee.
- 3) IQAC cell.
- 4) Student Development and Carrier Guidance Cell.
- 5) Grievance and Redressal Committee.
- 6) Prevention of Sexual harassment Committee.
- 7) Anti-Ragging Committee.
- 8) Student board and Magazine committee.
- 9) Feedback Committee.
- 10) Internal examination Committee.
- 11) Sports and games committee.
- 12) NSS Committee.
- 13) Cultural committee.
- 14) Annual Report Committee.

Collaborations and MOU's:

This Academic year college collaborated with several organizations.

College has continued its MOU with:

AGROTECH AND HERBAL > "AMBA (INDIA) **PRIVATE** LIMITED".

The Company is mainly engaged in Manufacturing of Bio-Pesticides, Bio - Fertilizer, PGRs, Micronutrients, Bio-Mass etc. Conducting the Research and Development (R&D) in/for Agriculture. Serving and imparting the awareness through knowledge and training for development, growth and progress of the farmers. This MOU is signed in order to conduct the R&D with respect to Chemical, Physical and Biological testing and analysing of Soil, water, Strength of Crop, Agricultural Input products Elements etc.

> Raviraj Plastic Pvt. Ltd MIDC, Yavatmal.

Engaged in Manufacturing Polymer yarn, cotton thread, (cotton polymer) etc. Conducting the research and development (R&D) in cotton processing. Serving and imparting the awareness through knowledge and training for development, growth and progress of the farmers. The Company is keen on being associated with this Public-Private Partnership (PPP) Model MOU. This MOU is signed in order to conduct the R&D with respect to Chemical physical and Biological testing and analysing of polymer fibres, cotton fibres. Training to the students of the college by way of internship is one of the thrust areas of the MOU.

> PEAK POINT TECHNO SOLUTION PVT. LTD. WARDHA

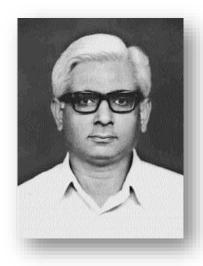
Engaged in Manufacturing electronics circuit, electronic devices and robotics programme Products etc. Conducting the research development (R&D) in electronics department. Serving and imparting the awareness through knowledge and training for development, growth and progress of the farmers.

The Company is keen on being associated with this Public-Private Partnership (PPP) Model MOU. This MOU is signed in order-to conduct the R&D with respect to electronics circuit, electronic ·devices and robotics programme. Training to the students of the college by way of internship is one of the thrust areas of the MOU.



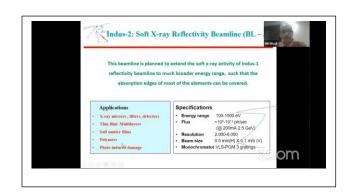
College Activities:

• A Tribute to Professor Chintamani Mande:



Matoshri Nanibai Gharphalkar Science College, has organized an international lecture series on zoom Online Platform in the memory of the Respected Late. Professor Chintamani Mande, who was a founder of X-ray Spectroscopy in India. Lectures were organised once or twice a month and also live Streamed on YouTube. This is a continuing lecture series that provides a platform for the interaction with the eminent researchers in the field of X-ray Spectroscopy and Allied areas.





Lecture Series Topic: X-ray Spectroscopy and Allied Areas.

YouTube Channel Link: https://www.youtube.com/feed/subscriptions

• <u>International Yoga Day:</u>

The International Yoga Day was celebrated on 21st June 2021 by MNG Science college to usher in peace, harmony, happiness and success to every soul in the world. Yoga is a mental, physical and spiritual practice that needs to be carried out every day. Due to pandemic, we conducted online Yoga session for students, teaching staff and non-teaching staff.

Dr. S.S. Battalwar (Director of Physical Education) guided us and explained us the importance of yoga.



International Yoga Day Celebration.

• World's Environmental Day:

Department of Botany, M.N.G. Science College, organized the program on World Environment Day on 5th June 2021. This day was celebrated by tree plantation in their respective surrounding areas. Due to Covid-19 restrictions the students were urged to do so.









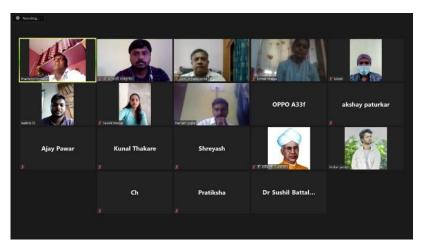
World Environment Day Participants.

• Teachers Day:

M.N.G. Science College celebrates Teachers' day every year on 5th September. Students express their gratitude and appreciation for their teachers on this day. This day is dedicated to Dr. Sarvepalli Radhakrishnan – Second President of India. This programme was conducted online due to pandemic.

Prashant Bhaiyyaji Ghotekar (Assistant Professor at Late Bapuraoji Wankar arts and commerce college Khairi) was the chief guest of the programme. He guided on the teacher –student relationship.



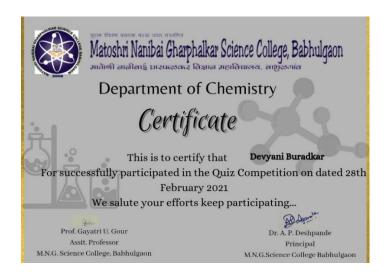


Teachers Day Participants.

• National Science Day:

National Science Day was celebrated in M.N.G. Science College on 28 February to mark the discovery of the Raman Effect by Indian Physicist Sir C. V. Raman on 28 February 1928. For his discovery, Sir C.V. Raman was awarded the Nobel Prize in Physics in 1930.

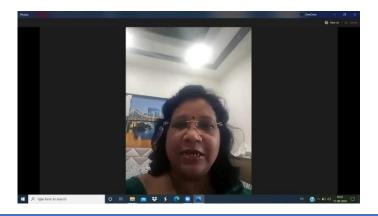
Online quiz competition for the students was organised by the Department of Chemistry on this occasion.



Quiz Competition Certificate.

• National Librarian Day:

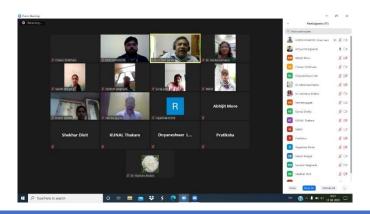
National Librarians' Day is observed on 12th August every year to commemorate the birth anniversary of Padmashri Dr S. R. Ranganathan (1892-1972), who is considered as father of library science in India. As a tribute to his contribution our college celebrates National Librarian Day. Dr. Vandana Khakare, (Librarian, Shri. Shivaji College of Education, Amravati) was chief guest for the programme conducted on zoom online platform.



Chief Guest Dr. Vandana Khakare, Librarian, Shri. Shivaji College of Education, Amravati. Addressing On National Librarian Day.



Chairperson Dr. A.P. Deshpande remarks on the occasion of National Librarian Day.



Participants (National Librarian Day).

• Convocation:

A convocation ceremony was organised on zoom online platform.

Dr. Milind Apte (founder NRPL Infotech Pvt. Ltd) was chief guest for ceremony. He guided students on future opportunities after graduation.



Invitation for convocation ceremony.





Degree Distribution.



Examination and Result:

Time Table

Examination Winter-2020

B.Sc-I Semester –I

Day	Date	Subject	Time
Wednesday	12/05/2021	Compulsory English	10.00 AM-
			11.00 AM
Saturday	15/05/2021	Compulsory Marathi	10.00 AM-
			11.00 AM
Monday	17/05/2021	Chemistry	10.00 AM-
			11.00 AM
Wednesday	19/05/2021	Mathematic Paper-I/	10.00 AM-
		Botany	11.00 AM
Friday	21/05/2021	Computer Science	10.00 AM-
			11.00 AM
Tuesday	25/05/2021	Physics/Zoology	10.00 AM-
			11.00 AM
Thursday	27/05/2021	Mathematic Paper-II	10.00 AM-
			11.00 AM
Monday	31/05/2021	Electronics	10.00 AM-
			11.00 AM

4 RESULT:

Total	Pass	Pass Percent
95	82	86.31

B.Sc-II Semester –III

Day	Date	Subject	Time
Wednesday	12/05/2021	Physics/Zoology	2.00PM - 3.00PM
Saturday	15/05/2021	Computer Science	2.00PM - 3.00PM
Monday	17/05/2021	Chemistry	2.00PM - 3.00PM
Wednesday	19/05/2021	Electronics	2.00PM - 3.00PM
Friday	21/05/2021	Mathematic Paper-V/	2.00PM - 3.00PM
		Botany	
Thursday	27/05/2021	Mathematic Paper-VI	2.00PM - 3.00PM

4 RESULT:

Total	Pass	Pass Percent
101	93	92.07

B.Sc-III Semester –V

Day	Date	Subject	Time
Wednesday	12/05/2021	Computer Science	12.00NOON -
			1.00PM
Saturday	15/05/2021	Chemistry	12.00 NOON -
			1.00PM
Monday	17/05/2021	Mathematic Paper-IX/	12.00 NOON -
		Botany	1.00PM
Wednesday	19/05/2021	Electronics	12.00 NOON -
			1.00PM
Sunday	23/05/2021	Physics/Zoology	12.00 NOON -
			1.00PM
Tuesday	25/05/2021	Mathematic Paper-X	12.00 NOON -
			1.00PM

RESULT:

Total	Pass	Pass Percent
113	106	93.81

Time Table

Examination Summer-2021

B.Sc-I Semester –II

Day	Date	Subject	Time
Tuesday	10/08/2021	Compulsory English	10.00 AM-11.00 AM
Thursday	12/08/2021	Compulsory Marathi	10.00 AM-11.00 AM
Saturday	14/08/2021	Chemistry	10.00 AM-11.00 AM
Tuesday	17/08/2021	Mathematic Paper-III/ Botany	10.00 AM-11.00 AM
Friday	20/08/2021	Physics/Zoology	10.00 AM-11.00 AM
Monday	23/08/2021	Electronics	10.00 AM-11.00 AM
Wednesday	25/08/2021	Mathematic Paper-IV	10.00 AM-11.00 AM
Friday	27/08/2021	Computer Science	10.00 AM-11.00 AM

4 RESULT:

Total	Pass	Pass Percent
92	92	100

B.Sc-II Semester –IV

Day	Date	Subject	Time
Tuesday	10/08/2021	Chemistry	12.00NOON - 1.00PM
Thursday	12/08/2021	Mathematic Paper-VII/ Botany	12.00 NOON - 1.00PM
Tuesday	17/08/2021	Physics/Zoology	12.00 NOON - 1.00PM
Friday	20/08/2021	Mathematic Paper-VIII	12.00 NOON - 1.00PM
Wednesday	25/08/2021	25/08/2021 Electronics 12.00 NOON - 1	
Friday	27/08/2021	Computer Science	12.00 NOON - 1.00PM

RESULT:

Total	Pass	Pass Percent
104	102	98.07

B.Sc-III Semester –VI

Day	Date	Subject	Time
Tuesday	10/08/2021	Mathematic Paper-XI/ Botany	2.00PM - 3.00PM
Thursday	12/08/2021	Chemistry	2.00PM - 3.00PM
Saturday	14/08/2021	Physics/Zoology	2.00PM - 3.00PM
Tuesday	17/08/2021	Computer Science	2.00PM - 3.00PM
Monday	23/08/2021	Mathematic Paper-XII	2.00PM - 3.00PM
Friday	27/08/2021	Electronics	2.00PM - 3.00PM

RESULT:

Total	Pass	Pass Percent
112	112	100

•

Financial Report:

Financial academic year 2020-21 was prosperous.

- Tatal allotted budget for this academic year was 600000.
- Total academic expenditure was 2094374.64.
- Library expenditure was 119552.
- Expenditure on maintenance of academic facility was 135172.
- Expenditure on maintenance of physical facility was 89416.



Future plan:

Our college plans several actions for the next academic year.

Few of them are enlisted as below:

- 1. Formation of the subject societies runs by the students.
- 2. Quiz Competition to be conducted on the subjects to face the competitive world.
- 3. Poster Competition on the occasion of National Science Day.
- 4. Guest lecture on special topics.
- 5. Visits of the students to Research Institutes.
- 6. Conduction of workshops on specific topic of interest.



Conclusion:

It is said that there is always room for improvement. Our college also have same ideology. We look forward for more improvement in academics as well as in extra-curricular. Academic year 2020-21 was covid-19 pandemic year. This Pandemic year taught us flexibility. Virtual gatherings, made us realise that we should continue to serve education no matter what situation it is. It's true that, technology will never replace face to face interaction, but we really appreciate the efforts taken by our staff members to continue the online teaching-learning process. In fact it was easier to organize a number of online events that can reach more audience and found to be effective.

Remarks:

- ➤ Our college has young, qualified and hardworking teaching staff.
- ➤ Our teachers have actively participated in the smooth conduct of university examination by way of contributing to the question bank and valuation of answer books.
- > Even in pandemic situation online efforts from teaching and non-teaching staff was appreciable.
- College gave 100 % examination result of academic year 2020-21.
- ➤ We missed face-to-face interaction with the students due to the pandemic situation.

Special Thanks To:

Annual Report Committee

Sr.No	Committee members	Position	Signature
1.	Dr.A.P.Deshpande.	Chairperson	Delpart
2.	Mr. U.A. Khadse.	Member	Muma
3.	Prof. A.A. Patil.	Member	Xmaril:
4.	Prof. A.P. Kombe.	Member	Otake
5.	Prof. R.R. Ade.	Member	
6.	Prof. M. Neware	Member	RRAITS.

Signature of Principal.

Principal
Matoshri Nanibal Gharphalkar
Science College, Babhulgaon
Dist, Yavatmal