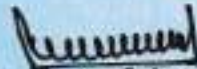


# Certificate

## Academic and Administrative Audit (AAA)

This is to certify that Central Hindu Military Education Society's Bhonsala Military College, Nashik has been assessed by External Peer Review Committee under the Academic and Administrative Audit (AAA) on 30<sup>th</sup> August 2023



Dr. P.V. Rasal

Chairman, External Peer Review Committee,  
Academic and Administrative Audit (AAA)



**CENTRAL HINDU MILITARY EDUCATION SOCIETY'S  
BHONSALA MILITARY COLLEGE**  
NAAC Reaccredited 3<sup>rd</sup> Cycle 'A' Grade  
RAMBHOOMI, DR.MOONJE MARG, NASHIK 422005 (MAHARASHTRA)  
E-Mail: [principal@bmc.bhonsala.in](mailto:principal@bmc.bhonsala.in)

Website:-[www.bhonsala.in](http://www.bhonsala.in), Fax: - (0253) 2309611. College Office: (0253) 2309610

AFFILIATED TO SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE PUNCODE - CAAN017600

IDENTIFICATION NO.PU/NS/ASC/031/1986 College Code:-188

Maharashtra State Board: J.13.17.021

**EXTERNAL ACADEMIC  
AND ADMINISTRATIVE  
AUDIT REPORT: 2018-19 to 2022-23**  
Prepared by  
**Internal Quality Assurance Cell**



**Bhonsala Military College**

Page 1

EXTERNAL ACADEMIC AND ADMINSTRATIVE AUDIT: BHONSALA MILITARY COLLEGE, RAMBHOOMI,  
DR. MOONJE MARG, NASHIK-422005 (MAHARASHTRA)



## Introduction to the Institution

In the year 1986, the **Bhonsala Military College** came into existence. It is privately supported and partially residential co-educational institute. The primary objective of the institute is to provide for and otherwise promote education and research in the fields of Science, Humanities, Commerce, and Defence and Strategic Studies. It is, thus, in pursuance to these objectives that we strive to collate and disseminate in this field effective ideas, methods, techniques and information as is likely to promote security of India and train young men and women able and eager to create and put into action such ideas, methods, techniques and information. This college, which started with only the Science faculty in the senior division, further established the Arts and the Commerce faculty in the due course. Over the course of time the college further developed several flexible educational programmes in line with the market demands. Our inspiration: The temple of our propitious deity, Lord Rama, in martial regalia, is the Central beauty spot of Rambhoomi. This temple houses Lord Rama, the bachelor, symbolizing special affinity to the students, referred to as the Ramdandees, those following the path of Rama, the shishya. The temple with its spiraling tower and peaceful aura is a favorite's haunt of the residents and the general public alike. Summer and winter military training programs are run for both boys and girls and they have earned accolades from all strata of society. Each year, the response to these courses is tremendous. Ramdandee Military Training Course has been started for the students of Junior college and BBA from 2008 and hundreds of students are being benefited. Thus, apart from the regular academic, co-curricular and extra-curricular activities, many other innovative programs have been started by all the institutes run by the society.

### **Central Hindu Military Education Society: A Body Devoted To Promoting Education**

Our founder Dr. B. S. Moonje made an epoch-making contribution in founding the Central Hindu Military Education Society, our parent body, in the year 1935. He was, then, fired by the desire of Indianization of forces. He was a firm believer in the adage 'MIGHT IS RIGHT'. He knew that the right path to independence of India was by empowering its youth in mind and body. Thus came into being the Bhonsala Military School, in the year 1937. The society has a long tradition of past students who joined the Armed Forces, or have rendered commendable service to the society in such diverse fields as politics, civil services, and social service. The society has been fortunate in having at the helm such pioneers as Late Shri Bhavanishankar Niyogi and Late Gen. (Retd.) G.G. Bewoor. After independence, a new objective was added to the existing one. It was now imperative to preserve the hard-earned independence; to uphold the integrity and sovereignty of India. Men and women were to be encouraged to actively participate in the Armed forces and civil services. Together with Bhonsala Military School, we too offer preparatory military training to desirous young men and women. Our motto is 'a sound mind in a strong body'. We have slowly

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**EXTERNAL ACADEMIC AND ADMINSTRATIVE AUDIT: BHONSALA MILITARY COLLEGE, RAMBHOOMI,  
DR. MOONJE MARG, NASHIK-422005 (MAHARASHTRA)**



and steadily evolved a formidable system, which in days to come will be a leader for institutions which offer military training, like IMA, Dehradun, and NDA. The CHME Society is committed to promote education and runs a number of institutes as follows:


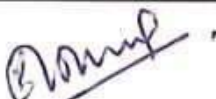
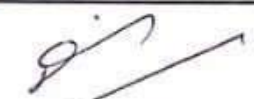
- Bhonsala Military College, Nashik
- Bhonsala Military School, Nashik
- Bhonsala Military School, Girls Nashik
- Bhonsala Military School, Nagpur
- Dr. Moonje Institute of management, Nashik
- Vidya Prabodhini Prashala, Nashik
- Shishu Vihar, Nashik Balak Mandir, Nashik
- Shishu Ranjan, Nashik
- Vidya Prabodhini Prashala, CBSE
- Nashik Vidya Prabodhini Prashala, State Board , Nashik
- Bhonsala Adventure Foundation, Nashik
- Bhonsala Career Academy, Nashik

### Vision

Bhonsala Military College Is A Pioneering Institution Which Promotes Academics With A Perfect Blend Of Military Values In A Caring, Value Based Environment, Which Encourages Students To Be Energetic, Purposeful, Creative, Service Oriented, Responsible, Dignified And Integrated Citizens To Make Notable Contribution To The Armed Forces And Civil Services.

### Mission

With Learning As Its Central Mission, Bhonsala Military College Responds To The Needs Of Diverse Students' Community By Offering High Quality, Affordable, And Accessible Learning Opportunities For All Round Development Of Mental, Physical And Spiritual Faculties Through Inculcation Of Strong Value System Culminating Into National Development.

		
Dr. R. P. Patil Member, IQAC	Dr. Bharat Gugane Coordinator, IQAC	Dr. Dinesh Naik Principal



## Academic and Administrative Audit (AAA)

Schedule

Date- 23/8/2023,

10.30 am - 06.30 pm

Meeting with, Principal and the IQAC Team

10.30 am - 10.55 am

IQAC Presentation:

10.55 am - 11.10 am

NAAC Criteria-wise Presentation

Sr. No.	Criteria Name	Time
01	Curricular Aspects	11:10 - 11:25 am
02	Teaching, Learning and Evaluation	11:25- 11:40 am
03	Research Innovations And Extension	11:40- 11:55 am
04	Infrastructure and Learning Resource	11:55 - 12:10 pm
05	Student Support and Progression	12:10 - 12:25 pm
06	Governance & Leadership & Management	12:25 - 12:40 pm
07	Institutional Values & Best Practices	12:40 - 12:55 pm

Lunch Break: 12:55 to 1:30 pm

Dept.-wise Presentation

(10 minutes PPT for each Department followed by discussion and interaction)

1:30-01:40 pm	Chemistry
1.40-01.50 pm	Botany
1.50-02.00 pm	Psychology
2.00-02.10 pm	Geography
2.10-02.20 pm	Defense
2.20-02.30 pm	Physics
2.30-02.40 pm	Hindi
2.40-02.50 pm	English
2.50-03.00 pm	Commerce
3.00-03.10 pm	Mathematics
3.10-03.20 pm	Politics
3.20-03.30 pm	Economics
3.30-03.40 pm	Marathi
3.40-03.50 pm	Computer science and B.B.A.(C.A)



## Visit to Support services and facilities

4.50-05.00 hrs.	N.S.S
5.00-05.10 hrs.	N.C.C.
5.10-05.20 hrs.	Student Development Office
5.20-05.30 hrs.	Examination Department
5.30-05.40 hrs.	Library
5.40-05.50 hrs.	Gymkhana

**05.50 pm - 06.00 pm: Visit to Office**

**06.00 pm - 06.30 pm: Exit meeting with Principal, Teachers and Support Staff**

### Profile of the Institution

❖ **Basic Information:-**

<b>Name and Address of the College</b>			
<b>Name :</b>	Bhonsala Military College		
<b>Address :</b>	RAMBHOMI, DR.MOONJE MARG, NASHIK 422005 (MAHARASHATRA)		
<b>City :</b>	Nashik	<b>Pin :422005</b>	<b>State :Maharashtra</b>
<b>Website :</b>	<a href="https://bmc.bhonsala.in/">https://bmc.bhonsala.in/</a>		

❖ **For Communication:**

Designation	Name	Telephone with STD code	Mobile	Fax	Email
Principal	Dr. Dinesh Naik	(0253) 2369610	09503344220	(0253) 2309611	principal@bmc.bhonsala.in
IQAC Co-ordinator	Dr. Bharat Gugane	(0253) 2369610	09422705488	(0253) 2309611	iqac@bmc.bhonsala.in



Status of the Institution	
Institution Status	Grant-in-aid
Type of Institution	
By Gender	Co-education
By Shift	Regular

Recognized Minority institution	
If it is a recognized minority institution	No
Establishment Details	
State	University name
Maharashtra	Savitribai Phule Pune University

Details of UGC recognition	
Under Section	Date
2f of UGC	19-11-1999
12B of UGC	19-11-1999

Details of recognition/approval by stationary/regulatory bodies like AICTE,NCTE,MCI,DCI,PCI,RCI etc. (other than UGC)				
Statutory Regulatory Authority	Recognition/ Approval details Institution/Department programme	Day, Month and year (dd-mm- yyyy)	Validity in months	Remarks
No contents				



### Recognitions

Is the College recognized by UGC as a College with Potential for Excellence (CPE)?	No
Is the College recognized for its performance by any other governmental agency?	No

### Location and Area of Campus

Campus Type	Address	Location*	Campus Area in Acres	Built up Area in sq. mts
Main campus area	Rambhoomi Gangapur Road Nashik 422005	Urban	137.5	7344.25

### ACADEMIC INFORMATION

#### Details of Programmes Offered by the College (Give Data for Current Academic year)

Programme Level	Name of Programme / Course	Duration in Months	Entry Qualification	Medium of Instruction	Sanctioned Strength	No. of Students Admitted
UG	B.Com, B.Com, Banking and Finance Bus Admin CWA Def. Bud BLP	36	HSC	English, Marathi	240	225
UG	BSc, B.Sc., Phy. Chem. Def. Math's.	36	HSC	English	120	81
UG	BA, Ba, Eng. Pol Sci His Psy Def.	36	HSC	English, Marathi	240	238
UG	BBA, BBA, Finance HR Marketing	36	HSC	English, Marathi	88	85
UG	BSc, B.Sc. Comp Sci, Computer Science	36	HSC	English	88	85
PG	MA, Ma. Def. Defence Studies	24	UG	English, Marathi	60	8





PG	MA, Ma Psy, Psychology	24	UG	English, Marathi	48	23
PG	M.Com, M.com, Adv. Accountancy HR	24	UG	English, Marathi	60	52
PG	MSc, M.Sc. Def, Defence Studies	24	UG	English, Marathi	60	3
PG	MA (Journalism), MAJMC	24	UG	English, Marathi	30	14
PG	MSc, M.Sc. Comp Sci, Computer Science	24	UG	English	30	21

### Position Details of Faculty & Staff in the College

Teaching Faculty												
	Professor				Associate Professor				Assistant Professor			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned by the UGC /University State Government	0				0				38			
Recruited	0	0	0	0	0	0	0	0	17	5	0	22
Yet to Recruit	0				0				16			
Sanctioned by the Management/ Society or Other Authorized Bodies	0				0				45			
Recruited	0	0	0	0	0	0	0	0	7	32	0	39
Yet to Recruit	0				0				6			



Non-Teaching Staff				
	Male	Female	Others	Total
Sanctioned by the UGC / University State Government				47
Recruited	18	1	0	19
Yet to Recruit				28
Sanctioned by the Management/Society or Other Authorized Bodies				30
Recruited	17	13	0	30
Yet to Recruit				0

Technical Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				5
Recruited	0	0	0	0
Yet to Recruit				5
Sanctioned by the Management/Society or Other Authorized Bodies				2
Recruited	0	2	0	2
Yet to Recruit				0



### Qualification Details of the Teaching Staff

Permanent Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D. Litt/ LLD/DM/M CH	0	0	0	0	0	0	0	0	0	0
Ph.D.	3	0	0	6	1	0	2	2	0	14
M.Phil.	0	0	0	1	0	0	1	0	0	2
PG	0	0	0	3	1	0	0	0	0	4
UG	0	0	0	0	0	0	0	0	0	0

➤ Provide the Following Details of Students Enrolled in the College during the Current Academic Year

Programme		From the State Where College is Located	From Other States of India	NRI Students	Foreign Students	Total
UG	Male	951	1	0	0	952
	Female	860	0	0	0	860
	Others	0	0	0	0	0
PG	Male	115	0	0	0	115
	Female	133	0	0	0	133
	Others	0	0	0	0	0



**Provide the Following Details of Students admitted to the College During the last four Academic Years**

Category		Year 1	Year 2	Year 3	Year 4
SC	Male	152	175	161	137
	Female	136	121	137	122
	Others	0	0	0	0
ST	Male	114	115	125	103
	Female	75	82	90	66
	Others	0	0	0	0
OBC	Male	361	389	372	314
	Female	253	261	230	219
	Others	0	0	0	0
General	Male	349	439	443	413
	Female	266	340	360	367
	Others	0	0	0	0
Others	Male	91	89	91	75
	Female	83	70	71	56
	Others	0	0	0	0
Total		1880	2081	2080	1872

### 2.1.1 Enrolment Percentage

2.1.2 Percentage of seats filled against seats reserved for various categories (SC, ST, OBC etc. as per applicable reservation policy) during the last five years ( exclusive of supernumerary seats)

Year - 2022-2023

Programme name	Programme Code	Number of seats sanctioned	Number of Students admitted	Number of seats earmarked for reserved category as per GOI or State Government rule					Number of students admitted from the reserved category					
				SC	ST	OBC	Gen	Others	SC	ST	OBC	Gen	Others	



Bachelors of Business Administration	10119	80	85	10	6	15	14	34	16	3	28	28	10
Bachelors of Science (Computer Science)	11019	80	85	10	6	15	14	34	7	1	32	34	11
Bachelors of Science	11719	120	81	16	8	23	22	52	15	13	29	15	9
Bachelors of Arts	11819	240	238	31	17	46	43	103	61	57	39	60	21
Bachelors of Commerce	12019	240	225	32	16	46	44	104	76	14	85	75	19
Master of Science (Computer Science)	21619	30	21	4	2	6	5	13	0	1	1	18	1
Master of Arts (Journalism and Mass Communication)	21819	30	14	4	2	6	5	13	0	0	8	5	1
Master of Arts (Defense Studies)	24919	60	8	8	4	11	11	26	1	3	0	3	1
Master of Commerce	25019	60	52	8	4	11	11	26	8	8	8	22	6
Master of Science (Defense Studies)	24919	60	3	8	4	11	11	26	1	0	1	0	1
Master of Arts (Psychology)	24919	48	23	6	3	9	9	21	7	1	9	5	1
Total		1048	835	137	72	199	189	452	141	101	240	272	81



**Year - 2021-2022**

Programme name	Programme Code	Number of seats sanctioned	Number of Students admitted	Number of seats earmarked for reserved category as per GOI or State Government rule					Number of students admitted from the reserved category				
				SC	ST	OBC	Gen	Others	SC	ST	OBC	Gen	Others
Bachelors of Business Administration	10119	80	36	10	6	15	14	34	7	0	16	10	3
Bachelors of Science (Computer Science)	11019	80	55	10	6	15	14	34	3	2	18	29	3
Bachelors of Science	11719	120	85	16	8	23	22	52	11	7	22	30	15
Bachelors of Arts	11819	240	264	31	17	46	43	103	69	48	64	63	20
Bachelors of Commerce	12019	240	215	32	16	46	44	104	25	17	83	69	21
Master of Science (Computer Science)	21619	30	32	4	2	6	5	13	5	2	5	19	1
Master of Arts (Journalism and Mass Communication)	21819	30	26	4	2	6	5	13	2	0	11	10	3
Master of Arts (Defense Studies)	24919	60	17	8	4	11	11	26	2	1	7	7	0
Master of Commerce	25019	60	60	8	4	11	11	26	7	6	30	17	0
Master of Science (Defense Studies)	24919	60	10	8	4	11	11	26	1	2	4	2	1
Master of Arts (Psychology)	24919	48	31	6	3	9	9	21	4	1	14	10	2
<b>Total</b>		<b>1048</b>	<b>831</b>	<b>137</b>	<b>72</b>	<b>199</b>	<b>189</b>	<b>452</b>	<b>161</b>	<b>103</b>	<b>357</b>	<b>335</b>	<b>90</b>



### Year - 2020-2021

Programme name	Programme Code	Number of seats sanctioned	Number of Students admitted	Number of seats earmarked for reserved category as per GOI or State Government rule					Number of students admitted from the reserved category				
				SC	ST	OBC	Gen	Others	SC	ST	OBC	Gen	Others
Bachelors of Business Administration	10119	80	54	10	6	15	14	34	5	1	26	18	4
Bachelors of Science (Computer Science)	11019	80	38	10	6	15	14	34	3	3	7	19	6
Bachelors of Science	11719	120	98	16	8	23	22	52	13	10	42	29	4
Bachelors of Arts	11819	240	219	31	17	46	43	103	53	56	56	33	21
Bachelors of Commerce	12019	240	220	32	16	45	44	104	26	11	82	76	25
Master of Science (Computer Science)	21619	30	30	4	2	6	5	13	1	3	9	14	3
Master of Arts (Journalism and Mass Communication)	21819	30	28	4	2	6	5	13	2	3	13	7	3
Master of Arts (Defense Studies)	24919	60	18	8	4	11	11	26	3	2	2	1	0
Master of Commerce	25019	60	60	8	4	11	11	26	7	3	28	21	1
Master of Science (Defense Studies)	24919	60	18	8	4	11	11	26	3	3	6	4	2
Master of Arts (Psychology)	24919	48	43	6	3	9	9	21	8	7	14	13	1
<b>Total</b>		<b>1048</b>	<b>825</b>	<b>137</b>	<b>72</b>	<b>199</b>	<b>189</b>	<b>452</b>	<b>124</b>	<b>102</b>	<b>285</b>	<b>236</b>	<b>70</b>

### Year - 2019-2020

Programme Name	Programme Code	Number of seats sanctioned	Number of Student s admitted	Number of seats earmarked for reserved category as per GOI or State Government rule					Number of students admitted from the reserved category				
				SC	ST	OBC	Gen	Others	SC	ST	OBC	Gen	Others
Bachelors of Business Administration	10119	80	79	10	6	15	14	34	6	2	40	28	3
Bachelors of Science (Computer Science)	11019	80	61	10	6	15	14	34	9	3	18	26	5



Bachelors of Science	11719	120	108	16	8	23	22	52	22	5	47	27	7
Bachelors of Arts	11819	240	242	31	17	46	43	103	58	52	68	43	21
Bachelors of Commerce	12019	240	247	31	17	46	43	103	29	16	107	72	23
Master of Science (Computer Science)	21619	30	21	4	2	6	5	13	2	0	6	12	1
Master of Arts (Defense Studies)	24919	60	8	8	4	11	11	26	1	3	2	1	1
Master of Commerce	25019	60	29	8	4	11	11	26	3	2	18	5	1
Master of Science (Defense Studies)	24919	60	12	8	4	11	11	26	0	0	8	3	1
Master of Arts (Psychology)	24919	48	28	6	3	9	9	21	7	3	11	4	3
Master of Arts (Journalism and Mass Communication)	21819	30	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>		<b>1048</b>	<b>835</b>	<b>132</b>	<b>71</b>	<b>193</b>	<b>183</b>	<b>438</b>	<b>137</b>	<b>86</b>	<b>325</b>	<b>221</b>	<b>66</b>

**Year - 2018-2019**

Programme name	Programme Code	Number of seats sanctioned	Number of Students admitted	Number of seats earmarked for reserved category as per GOI or State Government rule					Number of students admitted from the reserved category				
				SC	ST	OBC	Gen	Others	SC	ST	OBC	Gen	Others
Bachelors of Business Administration	10119	80	74	10	6	15	14	34	3	1	34	33	3
Bachelors of Science (Computer Science)	11019	80	48	10	6	15	14	34	3	3	18	22	2
Bachelors of Science	11719	120	114	16	8	23	22	52	12	5	51	36	10
Bachelors of Arts	11819	240	224	31	17	46	43	103	56	46	56	47	19
Bachelors of Commerce	12019	240	228	31	17	46	43	103	19	18	123	57	11
Master of Science (Computer Science)	21619	30	22	4	2	6	5	13	1	1	9	10	1





Master of Arts (Defense Studies)	24919	60	6	8	4	11	11	26	0	1	3	1	1
Master of Commerce	25019	60	52	8	4	11	11	26	6	4	24	14	4
Master of Science (Defense Studies)	24919	60	9	8	4	11	11	26	0	0	6	2	1
Master of Arts (Psychology)	24919	48	19	6	3	9	9	21	6	1	10	2	0
Master of Arts (Journalism and Mass Communication)	21819	30	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>		<b>1048</b>	<b>796</b>	<b>132</b>	<b>71</b>	<b>193</b>	<b>183</b>	<b>438</b>	<b>106</b>	<b>80</b>	<b>334</b>	<b>224</b>	<b>52</b>

### 2.6.3 Pass percentage of Students during last five years (excluding backlog students)

#### 2022-2023

Year	Program Code	Program Name	Number of students appeared in the final year examination	Number of students passed in final year examination
<b>UG Courses</b>				
2022-2023	11819	B.A	76	39
2022-2023	12019	B.Com	158	101
2022-2023	11719	B.Sc.	75	29
2022-2023	11019	B.Sc. (Comp Sci)	38	29
2022-2023	10119	B.B.A	42	31
<b>PG Courses</b>				
2022-2023	24919	M.A (Def. Stud)	11	9
2022-2023	24919	M.A (Psychology)	18	17
2022-2023	24919	M.Sc. (Def. Stud)	7	6
2022-2023	21619	M.Sc. (Comp Sci)	29	15
2022-2023	25019	M.Com	34	26
2022-2023	21819	MCJ	18	13

#### 2021-2022

Year	Program Code	Program Name	Number of students appeared in the final year examination	Number of students passed in final year examination
<b>UG Courses</b>				
2021-2022	11819	B.A	110	69



2021-2022	12019	B.Com	223	197
2021-2022	11719	B.Sc.	85	61
2021-2022	11019	B.Sc. (Comp Sci)	52	51
2021-2022	10119	B.B.A	70	59
<b>PG Courses</b>				
2021-2022	24919	M.A (Def. Stud)	7	7
2021-2022	24919	M.A (Psychology)	32	20
2021-2022	24919	M.Sc. (Def. Stud)	14	12
2021-2022	21619	M.Sc. (Comp Sci)	28	28
2021-2022	25019	M.Com	51	46
2021-2022	21819	MCJ	19	17

#### 2020-2021

Year	Program Code	Program Name	Number of students appeared in the final year examination	Number of students passed in final year examination
<b>UG Courses</b>				
2020-2021	11819	B.A	134	102
2020-2021	12019	B.Com	206	192
2020-2021	11719	B.Sc	63	60
2020-2021	11019	B.Sc (Comp Sci)	41	41
2020-2021	10119	B.B.A	62	61
<b>PG Courses</b>				
2020-2021	24919	M.A (Def.Stud)	4	4
2020-2021	24919	M.A (Psychology)	23	21
2020-2021	24919	M.Sc (Def.Stud)	11	10
2020-2021	21619	M.Sc (Comp Sci)	18	18
2020-2021	25019	M.Com	24	18
2020-2021	21819	MCJ	23	23

#### 2019-2020

Year	Program Code	Program Name	Number of students appeared in the final year examination	Number of students passed in final year examination
<b>UG Courses</b>				
2019-2020	11819	B.A	79	66
2019-2020	12019	B.Com	175	160
2019-2020	11719	B.Sc.	99	89
2019-2020	11019	B.Sc. (Comp Sci)	24	22
2019-2020	10119	B.B.A	44	43



PG Courses				
2019-2020	24919	M.A (Def. Stud)	9	9
2019-2020	24919	M.A (Psychology)	13	13
2019-2020	24919	M.Sc. (Def. Stud)	8	8
2019-2020	21619	M.Sc. (Comp Sci)	24	22
2019-2020	25019	M.Com	37	31
2019-2020	21819	MCJ	--	--
2018-2019				
Year	Program Code	Program Name	Number of students appeared in the final year examination	Number of students passed in final year examination
UG Courses				
2018-2019	11819	B.A	83	36
2018-2019	12019	B.Com	138	82
2018-2019	11719	B.Sc	58	36
2018-2019	11019	B.Sc (Comp Sci)	27	10
2018-2019	10119	B.B.A	36	31
PG Courses				
2018-2019	24919	M.A (Def. Stud)	-	-
2018-2019	24919	M.A (Psychology)	22	21
2018-2019	24919	M.Sc. (Def. Stud)	-	-
2018-2019	21619	M.Sc. (Comp Sci)	8	8
2018-2019	25019	M.Com	45	40
2018-2019	21819	MCJ	--	--

### 3.3.1 Number of research papers published per teacher in the Journals notified on UGC CARE list during the last five years

Title of paper	Name of the author/s	Name of journal	Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal /Digital Object Identifier (doi) number	
					Link to website of the Journal	Is it listed in UGC Care list
Potential of Tourism in Nashik District with special reference to Igatpuri Tehsil Travel Circuits	Dr. Vilas P. Ugale (Geo.)	Rabindra Bharati Journal of Philosophy	2022	0973-0087	<a href="https://www.researchgate.net/publication/365568438_POTENTIAL_OF_TOURISM_IN_NASHIK_DISTRICT_WITH_SPECIAL_REFERENCE_TO_IGATPURI_TEHsil_TRAVEL_CIRCUITS">https://www.researchgate.net/publication/365568438_POTENTIAL_OF_TOURISM_IN_NASHIK_DISTRICT_WITH_SPECIAL_REFERENCE_TO_IGATPURI_TEHsil_TRAVEL_CIRCUITS</a>	UGC CARE List Journal



Stri udharasathi pandita ramabai yanche makti mission samathetil yogdan	Asst Prof Aaditi A. Kulkarni (History)	International Multidisciplinary half yearly research journal	2023	ISSN NO 2279 - 0489	<a href="http://iur.com/">http://iur.com/</a>	UGC listed journal no 47100
Economic Policymaking: Combination and outcomes	Dr. Subhash Sampatrao Savant (Eco.)	International Journal of financial Management and Economics	2022	2617-9210		peer Reviewed
Non-Performing Assets in Indian Banking		Education and Society	2022	2278-6864		peer Reviewed
A Study of Consumer Satisfaction towards LIC of India with Special Reference to Nashik Branch	Asst Prof Sonali Limaye (Com.)	Anvesak A Biannual Journal	2023	0378-4568	<a href="https://www.apicr.ac.in/Anvesak/Previous%20issues">https://www.apicr.ac.in/Anvesak/Previous%20issues</a>	UGC CARE List Journal
National Education Policy and Inclusive Education	Asst Prof Deepa Hinge (Com.)	Madhya Bharti Humanities and Social Sciences Journal	2023	0974-0066	<a href="https://www.dbsgu.edu.in/index.php/en/site-menu/2-uncategorised/729-madhya-bharti">https://www.dbsgu.edu.in/index.php/en/site-menu/2-uncategorised/729-madhya-bharti</a>	UGC CARE List Journal
National education policy 2020	Asst Prof Hira Wagh (Marathi)	Research Journey	2023	2348-7143	<a href="https://www.researchjourney.net/issues">https://www.researchjourney.net/issues</a>	Peer Reviewed
China and International Law and Order: A Case Study of South China Sea and Indian Ocean Region	Asst Prof Sucha Kulkarni	Advance Interdisciplinary Research	2023	978-93-91248-63-5		Peer Reviewed
Jacques Lacan: A Post Structural Psychoanalyst	Dr B R Gughane	International Journal of Indian Psychology	2022	2349-3429	<a href="https://ijip.in/articles/jacques-lacan-a-post-structural-psychoanalyst/">https://ijip.in/articles/jacques-lacan-a-post-structural-psychoanalyst/</a>	UGC Care
Reservation Policy in India: A Review	Dr D P Pawar	Inclusive	2023		<a href="http://inclusivejournal.in/wp-content/uploads/2023/08/Final-2023-08-05.pdf">http://inclusivejournal.in/wp-content/uploads/2023/08/Final-2023-08-05.pdf</a>	UGC Care
Kinnar Samaj Ke Uthhan Mein Sahitya Ka Yogdan	Asst Prof Purnima Zhende	Shodh Ritu Trimasik Shodh Patrika nav Sahityakar Publication Nanded	2023	2454-6283	<a href="http://www.shodhritu.co.in/2023/07/issue-33-july-sept2023.html">http://www.shodhritu.co.in/2023/07/issue-33-july-sept2023.html</a>	Peer Reviewed
Rajasthani Lipi aur Bhasha	Asst Prof Purnima Zhende	Vishwanmiiyu Samaj Masik Patrika	2022	2321-9645		Peer Reviewed



Doping-induced diffused phase transition triggers gas-sensing performance of Se-doped BaTiO <sub>3</sub> nanostructures	<b>Prof.(Dr.) R.P.Patil</b>	Wiley Analytical science	2021	DOI: 10.1002/sia.7012	<a href="http://wileyonlinelibrary.com/journal/sia">http://wileyonlinelibrary.com/journal/sia</a>	UGC enlistment of the Journal
Comparative Study for Removal of Murexide Dye by Adsorption and Photocatalytic Degradation Using NiO/Ni <sub>2</sub> S <sub>3</sub> Synthesised from Coal Fly Ash	<b>Prof.(Dr.) R.P.Patil</b>		ChemistrySelect	e202104500	<a href="https://chemistry-europe.onlinelibrary.wiley.com/doi/abs/10.1002/slct.202104500">https://chemistry-europe.onlinelibrary.wiley.com/doi/abs/10.1002/slct.202104500</a>	UGC enlistment of the Journal
२१ व्या शतकातील दहशतवादाविरुद्ध चा सामूहिक लढा	<b>Dr.Ramesh Isarya Raut</b>	Printing Area peer-reviewed international journal	2021	ISSN 2394 5303	<a href="https://www.vidyawarta.com/03/">https://www.vidyawarta.com/03/</a>	Peer Reviewed
कोविड-१९ नंतरची भारतीय आरोग्य सुरक्षेपुढील आव्हाने: एक अभ्यास	<b>Dr.Ramesh Isarya Raut</b>	Printing Area peer-reviewed international journal	2021	ISSN 2394 5303	<a href="https://www.vidyawarta.com/03/">https://www.vidyawarta.com/03/</a>	Peer Reviewed
Indira Emergency	<b>Dr.Ramesh Isarya Raut</b>	Sanskriti International Multidisciplinary Research Journal	2021	ISSN2455-1511	<a href="http://ijmrp.org.in/journallindex.aspx">http://ijmrp.org.in/journallindex.aspx</a>	Peer Reviewed
Impact Of Irrigation Facilities On The Production Of Major Crops In Nashik District		Journal of Research & Development' A Multidisciplinary International Level Referred and Peer Reviewed Journal.	2021	ISSN: 2230-9578, 21		Peer Reviewed
Female Literacy & Child Sex Ratio Correlation's Comparison In Nashik District's Urban And Rural Area	<b>Prof.Prasanna M. Dixit</b>	Current Global Reviewer Peer Reviewed Multidisciplinary International Research Journal	2021	ISSN – 2319-8648	<a href="https://sjifactor.com/passport.php?id=19053">https://sjifactor.com/passport.php?id=19053</a>	Peer Reviewed
Study of Nandur Madhyameshwar Dam Backwater Floodplain Region and Flood Frequency Analysis		42nd IIG annual meet 2021 international e conference in geography for people planet prosperity and peace	2021			Peer Reviewed
Towards Excellence	<b>Dr D. P. Pawar</b>	Towards Excellence	2021-22	0974-035X	<a href="https://hdc.punjabuniversity.ac.in/Publication/JournalAll">https://hdc.punjabuniversity.ac.in/Publication/JournalAll</a>	UGC enlistment of the Journal
Macroeconomics and its Debate in Real World	<b>Dr. Subhash Sampatrao Savant</b>	Chronical of Humanities and Cultural Studies	2021-22	2454-5503	<a href="https://kjuac-sr.s3.amazonaws.com/NAA-C+SSR+2023/Criteria+3/3.4/Journals+2020-2021/Sandip+Yadav+Article+2+UCC.pdf">https://kjuac-sr.s3.amazonaws.com/NAA-C+SSR+2023/Criteria+3/3.4/Journals+2020-2021/Sandip+Yadav+Article+2+UCC.pdf</a>	
The Impact of		Ravindra Bhatti	2021-22	0973-0087		



Fiscal Deficit on Economic Growth in India		Journal of philosophy			<a href="https://rbu.ac.in/home/page/106">https://rbu.ac.in/home/page/106</a>	
Ethics in Auditing and Finance Profession with Special Reference to Auditing the Books of Accounts and Report thereon	Dr. Sunil D. Joshi	International Journal of Advance and Innovative Research	Jan. 2021	ISSN 2394-7780		
Marathi Sahtyatil Sri Pratinna	Asst Prof Hira Wagh	Research Journey	2022	2454-7905	<a href="https://www.researchjournal.in/">https://www.researchjournal.in/</a>	UGC enlistment of the Journal
Current education system in the basic understanding status of secondary and higher education student of Ahmednagar district	Prof. Prasanna Dixit	Akshar wangmay international reviewed UGC care listed journal	2021	2229-8920	<a href="https://www.ugc-care.com/ugc-care/journals/Pdf/Content20230705T164304.pdf">https://www.ugc-care.com/ugc-care/journals/Pdf/Content20230705T164304.pdf</a>	UGC care Journal
Optimization of strontium- doping concentration in BaTiO3 nanostructures for room temperature NH3 and NO2 gas sensing	Prof.(Dr.) R.P.Patil	Materials Today Chemistry	2021		Science Direct	UGC care Journal
A GEOGRAPHICAL STUDY OF ASSESSMENT OF RESOURCES FOR ECOTOURISM A GEOGRAPHICAL STUDY OF ASSESSMENT OF RESOURCES FOR ECOTOURISM DEVELOPMENT AND TOURIST SATISFACTION IN BAGLAN TEHSIL, NASHIK DISTRICT	Dr. V.P.Ugale	Jijnasa	2021	0337-743X	<a href="https://abcdindex.com/">https://abcdindex.com/</a>	Peer Reviewed journal
Kala: The Journal of Indian Art History Congress		Kala: The Journal of Indian Art History Congress	2021	0975-7945	<a href="https://indianculture.gov.in/">https://indianculture.gov.in/</a>	UGC care Journal
The International Journal of Indian Psychology	Dr. D P Pawar	The International Journal of Indian Psychology	2021	2349-3429(P)	<a href="https://iijp.in/">https://iijp.in/</a>	UGC care Journal
The journal of Oriental Research Madras		The journal of Oriental Research Madras	2021	0022-3301	<a href="https://sri.in/academic-and-research-pursuits/sri-publications/book-catalogue/the-journal-of-oriental-research-madras">https://sri.in/academic-and-research-pursuits/sri-publications/book-catalogue/the-journal-of-oriental-research-madras</a>	UGC care Journal
Life Skills Management		International interdisciplinary Research Journal	2020	2277-8721	<a href="http://oiirj.org/oiirj/">http://oiirj.org/oiirj/</a>	Peer Reviewed
E- Services offered by Life Insurance Companies and Consumer Satisfaction	Asst Prof Sonali Limaye	Heritage Journal	2020	0276-4628	<a href="http://www.heritagemiversitiesofkerala.com/">http://www.heritagemiversitiesofkerala.com/</a>	Peer Reviewed
An Analytical Study of Performance and		Agniveshak Bimrud journal	2021	0378-4568	<a href="https://www.anyveshjournal.com/">https://www.anyveshjournal.com/</a>	UGC care Journal



Services offered by LIC of India with Special Reference to Nashik city						
Ethics in Auditing and Finance Professions with Special Reference to Auditing the Books of Accounts and Report thereon	Dr. Sunil D. Joshi	International Journal of Advance and Innovative Research	2021	2394-7780	<a href="https://jaijournal.in/">https://jaijournal.in/</a>	
Innovative and Best Practices in Education in the New Normal Situation after Covid-19		Educare ISBN 978-81-948184-7-2	2021	978-81-948184-7-2		
lokshikya and samajjivan	Asst Prof Hira Wagh	International research Journal	2020	2229-4929	<a href="https://www.ameresajournal.org/">https://www.ameresajournal.org/</a>	UGC care Journal
Sant namdevaanche shikshay- parina bhagvat yanche garvpariharam	Asst Prof Hira Wagh	POWER OF KNOWLEDGE An International Multilingual Quarterly peer Review Refereed Research Journal	2021	23264494		UGC care Journal
Bangladeshi Migration to India: Issues and the Way Ahead	Asst Prof Dattatreya Nimbalkar	World Focus	2021	2230-8458		Peer Reviewed
आदिवासी शासकीय जीवनाचे मूल्यमापन - भाषिक विस्ताराच्या संदर्भात	Asst Prof Dhanashree Ambekar		2021			Peer Reviewed
La doped BaTiO <sub>3</sub> nanostructures for room temperature of NO <sub>2</sub> /NH <sub>3</sub> : focus on La connection and sensing mechanism	Prof.(Dr) R.P.Patil	Elsevir	2019	<a href="https://www.elsevier.com/locate/jssc">https://www.elsevier.com/locate/jssc</a>	<a href="https://www.elsevier.com/locate/jssc">https://www.elsevier.com/locate/jssc</a>	UGC care Journal
Optimization of strontium- doping concentration in BaTiO <sub>3</sub> nanostructures for room temperature NH <sub>3</sub> and NO <sub>2</sub> gas sensing	Prof.(Dr) R.P.Patil	Materials Today Chemistry	2020	<a href="https://www.sciencedirect.com/science/article/abs/pii/S2468519419302526">https://www.sciencedirect.com/science/article/abs/pii/S2468519419302526</a>	<a href="https://www.sciencedirect.com/science/article/abs/pii/S2468519419302526">https://www.sciencedirect.com/science/article/abs/pii/S2468519419302526</a>	UGC care Journal
Bangladeshi Migration to India: Issues and the Way Ahead	Asst.Prof Dattatreya Nimbalkar	World focus	2020	ISSN 2230-8458 <a href="https://www.worldfocus.in/">https://www.worldfocus.in/</a>	<a href="https://www.worldfocus.in/">https://www.worldfocus.in/</a>	No
Type of Research	Asst Prof Hira Trambak Wagh	Journal off Research and Development multi-disciplinary International level Teferred Journal	2020	ISSN-2230-9578	<a href="http://inrdb.com/">http://inrdb.com/</a>	Peer Reviewed
lok shikya ani samaj jivan	Asst Prof Hira Trambak Wagh	Akshar Wangmay	2020	2229-4929		UGC care Journal



Use of ICT in teaching learning process	Asst Prof.Hira Trambak Wagh	Research Journey and development	2019	23487143	<a href="http://jdrvb.com/">http://jdrvb.com/</a>	Peer Reviewed
surjanik satyadharm pustkavidyayic	Asst Prof.Hira Trambak Wagh	Research Journey and development	2019	23487143	<a href="http://jdrvb.com/">http://jdrvb.com/</a>	Peer Reviewed
Samaj anni sahitya	Asst Prof.Hira Trambak Wagh	Research Journey and development	2019	23487143	<a href="http://jdrvb.com/">http://jdrvb.com/</a>	Peer Reviewed
A Geographical Study of Adventure Tourism of Nashik Region, Maharashtra (India)	Dr. V.P.Ugale	International Journal of Research	2019			Peer Reviewed
Women Empowerment: need of the Time	Dr S S Sawant	Research journal	2019	2348-7143		Peer Reviewed
Women Empowerment: need of the Time		Research journal	2020	2348-7143		Peer Reviewed
Self Control : A master Strategy Of Success	Dr D P Pawar	Studies in Indian Place Names	2020	2394-3114	<a href="https://ojsfactor.com/pasport.php?id=21139">https://ojsfactor.com/pasport.php?id=21139</a>	Peer Reviewed
Role of Technology in Commerce and Management	Asst Prof Souali Limaye	Research Journey Multi Disciplinary Interational Journal	2019	2348-7143	<a href="https://www.researchjournalmey.net/">https://www.researchjournalmey.net/</a>	Peer Reviewed
Consumer Retention Strategies by LIC for Policyholders in Nashik city		International Research Journal	2020	2348-7143		Peer Reviewed
Impact of Startup India on Entrepreneurship	Asst Prof Deepa Hinge	Studies in Indian Place Names	2020	2394-3114	<a href="https://ojsfactor.com/pasport.php?id=21139">https://ojsfactor.com/pasport.php?id=21139</a>	UGC care Journal
Impact of Micro Finance in Women Empowerment		Studies in Indian Place Names	2020	2394-3114	<a href="https://ojsfactor.com/pasport.php?id=21139">https://ojsfactor.com/pasport.php?id=21139</a>	UGC care Journal
Green Banking and Sustainable Development		Journal of Information and Computational Science	2020	1548-7741	<a href="https://joics.org/">https://joics.org/</a>	UGC care Journal
Financial Exclusion to Financial Inclusion: India's Journey since Independence	Asst Prof Manisha Vidya	Reserach Journey	2020	2348-7143		Peer Reviewed
Recent Changes, Challenges and Consequences in Commerce	Dr. Sunil D. Joshi	Journal of Information and Computational Science Volume 10 Issue 2 – 2020 ISSN: 1548-7741 UGC Recognized	2020	1548-7741	<a href="https://joics.org/">https://joics.org/</a>	UGC CARE
Analytical Study Sector in India with reference to Financial Provisions reforms and rural development		Ajanta Volume IX Issue 1 Peer Reviewed Refereed and UGC Listed Journal No 40776	2020			UGC CARE
Challenges of Health Care and Management with		Educare	2019	978-93-89493-04-7	<a href="https://journals.minduman.com/index.php/educare">https://journals.minduman.com/index.php/educare</a>	





Special Reference to India its tradition culture and life style						
KINETIC AND THERMODYNAMIC STUDIES ON ADSORPTION BEHAVIOUR OF RHODAMINE B DYE ON NOSEAN SYNTHESISED FROM COAL FLY ASH.	Prof.(Dr.)Rajendra P. Patil	JETIR	2018	ISSN-2349-5162	<a href="https://www.jetir.org/papers/JETIR1812148.pdf">https://www.jetir.org/papers/JETIR1812148.pdf</a>	UGC enlistment of the Journal
Dr. Babasaheb Ambedkar's thoughts on human rights.	Dr. R.L.Raut	International Research Fellows Association's Research Journal Multi-disciplinary international E-Research Journal	April 2018	ISSN 2348-7143	<a href="https://www.researchjournalsonline.net/">https://www.researchjournalsonline.net/</a>	UGC CARE
Political thought of Dr Babasaheb Ambedkar (in Marathi)	Asst Prof. H.T.Wagh	International Research Fellows Association's Research Journal Multi-disciplinary international E-Research Journal	April 2018	ISSN 2348-7143	<a href="https://www.researchjournalsonline.net/">https://www.researchjournalsonline.net/</a>	UGC CARE
Adivasi Sahitya	Asst Prof. H.T.Wagh	EHRJ	2018	2277-8721		Peer Reviewed
A Geographical Study of Adventure Tourism of Nashik Region, Maharashtra (India)	Dr. V.P.Ugale	International Journal of Research	Jan. 2018	ISSN NO: 2236-6124	<a href="https://ijournal.com/index.php/ijr/issue/archive">https://ijournal.com/index.php/ijr/issue/archive</a>	UGC CARE
Self Control: strength of restricted life	Dr. D.P.Pawar	Indian Journal of Community Psychology	Sept. 2018	0974-2719	<a href="http://www.ijcpindia.com/">http://www.ijcpindia.com/</a>	UGC CARE
Materials: A Serious Problem For Today's Youth		Vidyawarta Jan 2019 (Special Issue)	Jan. 2019	23199318	<a href="https://www.vidyawarta.com/">https://www.vidyawarta.com/</a>	UGC CARE
Rediscovering dhamma: An analysis of conversion		Vidyawarta	2019	2319-9318	<a href="https://www.vidyawarta.com/">https://www.vidyawarta.com/</a>	UGC CARE
Youth Suicide in India		Research Journey	Feb.2019	23487143	<a href="https://www.researchjournalsonline.net/">https://www.researchjournalsonline.net/</a>	UGC CARE
Adivasi samajtil aarthik kriyanancha nami aarthik samacayancha abhyas.	Asst prof Aaditi A Kulkarni	International research journal of multi disciplinary Studies	Jan 2018	ISSN NO 2454-8499		<a href="http://www.ijms.in">www.ijms.in</a> UGC approved journal
Samaj krantiche janak mahatma jyotirao phule yancha maharashtrach ya samajik krantitil yogदान	Asst Prof Aaditi A Kulkarni	International E-Research journal	Feb 2019	ISSN NO 2348-7143	<a href="https://www.researchjournalsonline.net/">https://www.researchjournalsonline.net/</a>	UGC approved journal



Aadhi samajik sudharana ki aadhi rajkiya sudharana	Asst Prof Aaditi A Kulkarni	International Multidisciplinary quarterly research journal	Jan-Mar 2019	ISSN NO 2277 - 5730		Peer Reviewed
भारतीय लोकसाहित्याचा उगम व प्रेरणा स्थान यांचा शोध	Mr. B.J.Pandve	Research journey(E-Journal)	2018-19	2348-7143		Peer Reviewed
माहानुभूतिगत शोध आणि विज्ञानकारी आणि मानकावरील वेद		Research journey(E-Journal)	2018-19	2348-7143		Peer Reviewed
Present Scenario of E- Banking Services in India	Asst Prof Sonali Limaye	International journal of Economics, Commerce and Management	2018-19	2262-3452		Peer Reviewed
Recent trends in Business Practices and Challenges Before Human Resource Management, Review Research	Dr. Sunil D. Joshi	International Multidisciplinary	2018-19	2249-894-X		Peer Reviewed
Ethics in accounting and finance profession with special reference to frauds after 2000-01		Swayamprakash Journal of research VOL.1 Issue IV.	2018-19	2249-9016		PEER REVIEWED
Challenges before commerce and management in 21 st Century with special reference to Indian Business environment		Platinum Research Journal Peer reviewed national Multidisciplinary		2231-0096		PEER REVIEWED
Comparative study of application of Information Communication Technology and traditional method in teaching and learning process of Indian Education System.		Research Journal	2018-19	2348-7143	<a href="http://www.researchjourney.net/">http://www.researchjourney.net/</a>	UGC Approved
Growth analysis of Micro small Medium Scale Industries in India		Swayamprakash Research Journal	2018-19	978-935321-817-1		Peer Reviewed
Innovative teachers and quality higher education in India for Nation Building		Educare	2018-19	978-935321-817-1		Peer Reviewed
Challenges before Smart city project in India and Response to it in Light of Contemporary Progress of the project		Research Journey Multidisciplinary International Research Journal Impact Factor 6.261 ISSN 2248-7143 page 49	2018-19	2248-7143		Peer Reviewed
Role of psychological		Swayamprakash Journal of research	2018-19	2249-9016		Peer Reviewed



factors and type of personality in recruitment,		ISSN 2249-9016 Volume I Issue III Page 20				
Sant Janabainchi Ishwar Bhakti	Asst Prof. H.T.Wagh	Research Journy	2018	23487143		Peer Reviewed
Sant Namdevachya Abhangatil Stree chitra	Asst Prof. H.T.Wagh	Research Journy	2018	23487143		Peer Reviewed

### 3.2.1: Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during last five years

Year	Total number of books OR Chapters	Name of the teacher	Title of the book/chapters published	Title of the paper	Title of the proceedings of the conference	Name of the conference	National / International	ISBN/ISSN number of the proceeding	Name of the publisher
2022-23	7	Dr. I.R.Raut	Afghanistan Political, Society and Regional Challenges	NA	NA	NA	NA	978-93-94779-78-5	Bharti Publications New Delhi-110002 (India)
		Dr.S.S.Savant	India- Afghanistan India Afghanistan Economic Relations	NA	NA	NA	NA	978-93-94779-78-5	Bharti Publications New Delhi-110002 (India)
		Dr. Subhash Sampatras Savant	नाशिक न्यायशास्त्र	NA	NA	NA	NA	978-93-91621-78-0	New Man Publication
		Dr. Vilas P. Ugale,	'Tourism Development and Planning'	NA	NA	NA	NA	978-93-91644-01-7	Shubhi Publication Kanpur
		Dr. Vilas P. Ugale,	Tourism Nashik District a geographical analysis	NA	NA	NA	NA	978-93-91621-34-6	New Man Publication
		Dr. P.K.Jagtap and Dr. B.R. Gogate	Exploring Biographical Literature in India	NA	NA	NA	NA	978-81-19718-58-0	New Man Publication
		Dr. P.K.Jagtap and Dr. B.R. Gogate	KEER'S INSIGHTFUL PORTRAYAL Shahu Phule and Ambedkar biography	NA	NA	NA	NA	978-81-19718-51-1	New Man Publication



		Dr. P.K.Jagtap and Dr. B.R. Gogane	LIFE & MISSION OF VEER SAVARKAR & LOKMANYA TILAK	NA	NA	NA	NA	978-81-19718-36-8	New Man Publication	
2021-22	18	Dr. Ramesh Isarya Raut	Recent trends in interdisciplinary research	Cross Border Terrorism in India	NA	NA	NA	NA	978-93-91621-12-4	New Man Publication Parbhani
			India's Internal Security	Concept of India's Internal Security	NA	NA	NA	NA	978-93-90818-35-8	Bharti Publication New Delhi
			Gender Equality and Transgender rights in Indian Society	Challenges to Bharat rights: The function of the United Nations	NA	NA	NA	NA	978-93-90818-78-1	Bharti Publication New Delhi
			75 Years of Indian Independence and Changing Nature of National Security	Biological Invasions - Changing Dimensions of India's National Security	NA	NA	NA	NA	978-93-91681-07-4	Bharti Publication New Delhi
			Bharati stri ka, Aaj aani Uday	Women Security (Marathi)	NA	NA	NA	NA	978-93-91998-09-7	Sachal Publication Parbhani (Maharashtra)
			Vandhuva Karunbham - India's neighbourhood foreign policy	Health Security and India	NA	NA	NA	NA	978-81-956069-3-1	Horsak Prakashani Trust Kolkata
			Democracy and Indian Politics	The changing Dimensions of India's National Security	NA	NA	NA	NA	978-93-91681-48-7	Bharti Publication New Delhi
			भाषाभाषा सहाय्यता आणि स्वातंत्र्य सैन्य सैन्य	Prasanna Javalkar Nehru's contribution to the establishment of the Non-Alignment Movement	NA	NA	NA	NA	978-93-92425-83-7	Prasanna Publication Jalgaon (Maharashtra)
			Environmental Issues in 21st Century	Environmental Security	NA	NA	NA	NA	978-93-91119-99-7	Vanya Publication Karapur
			Feminism (Nature & Relevance)	Women as a fighter Plus	NA	NA	NA	NA	978-93-91305-13-0	Aadhar Publication Amravati
			Dr. B.R.Ambedkar: History, Vision, Identity and Relevance	Dr. Babanabhai Ambedkar and Social Security	NA	NA	NA	NA	978-93-91681-36-4	Bharti Publication New Delhi
			Human Security	आजच्या नव्या सुरक्षा	NA	NA	NA	NA	978-93-94779-17-4	Bharti Publication New Delhi
		Dr. Sunil D. Jadhav	T.Y. Business Administration-II		NA	NA	NA	935451264-X	Nirali Prakashan	
			Auditing and Taxation - II		NA	NA	NA	939-43-4315-61-4	Nirali Prakashan	
		Ms. Sonali Limaye	Marketing Management-III		NA	NA	NA	978-93-54515-47-7	Nirali Prakashan	
			Business Administration-II		NA	NA	NA	978-93-54514-25-8	Nirali Prakashan	
			Business Administration-III		NA	NA	NA	978-93-54516-11-5	Nirali Prakashan	
		Dr B R Gughane	The Unconscious and The Language		NA	NA	NA	978-93-91621-77-3	New Man Publication Parbhani	
2020-21	13	Dr. Ramesh L. Raut	Women in Indian Society	The United Nations	NA	NA	NA	978-93-90818-75-4	Bharti Publications New Delhi	
			India's Foreign Policy, Internal Security and Climate Change Challenges and the way forward	Challenges before United Nations after COVID-19 108-114	NA	NA	NA	NA	978-93-90818-68-6	Bharti Publications New Delhi
			India's Internal Security	India's Internal	NA	NA	NA	NA	978-93-90818-	Bharti Publications



				Security				35-8	New Delhi
		Mr. Dattatraya Nimbalkar	India's Foreign Policy, Internal Security and Climate Change Challenges and the way forward	Strategic Importance of Maldives for India and Indian Ocean Region	NA	NA	NA	978-93-90818-68-6	Ekans Publications New Delhi
		Mrs. Akanksha N. Pawar	Software Engineering-II		NA	NA	NA		Pooja Prakashan
		Dr. Sunil D. Joshi	Vyavasay Prashasan-II		NA	NA	NA	935451425-1	Nirali Publication
			Vyavasay Prashasan-III		NA	NA	NA	935451611-4	Nirali Publications
			Vyavasay Prashasan		NA	NA	NA	935164072-8	Nirali Publication
			Marketing Management-I		NA	NA	NA	939022568-X	Nirali Publication
			Marketing Management-II		NA	NA	NA	935451120-1	Nirali Publication
			Marketing Management-III		NA	NA	NA	935451200-2	Nirali Publication
			Business Administration S.y New Syllabus-II		NA	NA	NA	819475869-6	Nirali Publication
2019-20	8	Dr. S. D. Joshi	Financial Accounting BCA	Vyavasay prashasan	NA	NA	NA	978-93-83130-35-1	Thakur Publication
			Business Accounting DBA	Vyavasay vyavasthapan-III	NA	NA	NA	978-93-83130-30-6	Thakur Publication
			Organizational Skills Development	Vyavasay vyavasthapan-II	NA	NA	NA	ASIN : B0B466VXRJ	Nirali Publication
			Fundamentals of Marketing	Vyavasay prashasan-II	NA	NA	NA	9.79E+12	Nirali Publication
			Business Accounting FYBBA	Vyavasay prashasan-III	NA	NA	NA	978-93-89294-27-9	Nirali Publication
		Dr D P Pawar	Studies in Indian Place Names	Self Control : A master Strategy Of Success	NA	NA	NA	2394-3114	The place names society of India
		Dr S S Sawant	Research journal	Women Empowerment: need of the Time	NA	NA	NA	2348-7143	
Dr B R Goghae	Ologues: Trends in Literatures in English	Platography & Theory of Michael Foucault's Post Structuradion	NA	NA	NA	9.78E+12	New Man Publication Parbhani		
2018-19	2	Dr. D.P. Pawar	Book	Personality Traits, locus of Control, Achievement Motivation and Emotional Intelligence among women Entrepreneur	NA	NA	NA	978-93-89039-23-8	Red Star Publication
			Book	Sohasratna Manasodhaya ( Positive psychology	NA	NA	NA	978-93-84572-33-4	Pravartan publication, pune, Maharashtra

**3.4.2 3.3.2 - Number of awards and recognitions received for extension activities from government / Government recognized bodies during the last five Years**



	Name of the activity	Name of the Award/ recognition	Name of the Awarding government/ government recognized bodies	Year of award
2022-23	Guru Sanman Sohala of Prof. Dr. S.D.Joshi	Guru Sanman Sohala	Lions Clubs International Region-1 Brahmagiri District 2022-23	2022- 2023
	Indian Education Award of Prof. Dr. S.D.Joshi	Indian Education Award	Education CONNECT Plus	2022-23
	Global Education Award Of Prof. Dr. S.D.Joshi	Global Education Award	Global Teacher Price Varkey foundation	2022-23
2020-21	Ms. Sonali Ramesh Limaye	Young Research Award	International Journal for Modern Trends in Science and Technology	2020-21

**4.4.1 Percentage expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component, during the last five years**

Year 1 2022-23		
Head of expenditure (for ex. Repair and maintenance)	Item of expenditure (for ex. AMC for Lab equipment and computers, garden maintenance etc.)	Amount (INR in Lakhs)
Establishment Expenses	Annual Maintenance Charges	9440
	Committee Exp	11757
	Computer & Software	194636
	Computer Repair & Maintenance	7779
	Electricity	729299
	Function	484353
	Garden	48669
	Newspaper & Subscription	79002
	Office	93318
	Petrol/Fuel	60857
	Postage	2730
	Printing & Stationary	618872
	Sanitation	94837
	Seminar & Conference	47073
	Telephone	139890
	Travelling & Conveyance	267560
Vehicle repair & maintenance	6569	
Water	13320	
Total		2909961
Year 2 2021-22		



Head of expenditure (for ex. Repair and maintenance)	Item of expenditure (for ex. AMC for Lab equipment and computers, garden maintenance etc.)	Amount (INR in Lakhs)
Establishment Expenses	Annual Maintenance Charges	0
	Advertisement	5292
	Committee Exp	0
	Computer & Software	230776
	Computer Repair & Maintenance	23993
	Electricity	305837
	Function	74594
	Garden	73691
	Newspaper & Subscription	9390
	Office	74739
	Online Admission Process	17875
	Petrol/Fuel	56416
	Postage	2251
	Printing & Stationary	532455
	Sanitation	215076
	Seminar & Conference	5500
	Telephone	61405
	Travelling & Conveyance	156950
	Vehicle repair & maintenance	1065
	Water	60655
	<b>Total</b>	<b>1907960</b>

**Year 3 2020-21**

Head of expenditure (for ex. Repair and maintenance)	Item of expenditure (for ex. AMC for Lab equipment and computers, garden maintenance etc.)	Amount (INR in Lakhs)	
Establishment Expenses			
		Computer & Software	75100
		Electricity	543597
		Function	14486
		Garden	8320
		Newspaper & subscription	14780
		Office	54163
		Petrol/Fuel	21050
		Postage & Courier	1823



	Printing & Stationary	420318
	Repair, Renovation, Maintenance & Allied Expenses	5431425
	Sanitation	37128
	Telephone	59729
	Travelling & Conveyance	78909
	Water	9665
	<b>Total</b>	<b>6770493</b>
<b>Year 4 2019-20</b>		
Head of expenditure (for ex. Repair and maintenance)	Item of expenditure (for ex. AMC for Lab equipment and computers, garden maintenance etc.)	Amount (INR in Lakhs)
<b>Educational Expenses</b>	Advt.	42285
	AMC	20500
	Computer related Exp	237851
	Electricity	1620057
	Function	803210
	News paper	210269
	Other Exp	615211
	Postage	2375
	Printing Stationery	449102
	Repairs	4220020
	Sports	5699
	Seminar & Conference	105714
	Telephone	6501
	Travelling and Conveyance	350323
	Students related exp.	2154187
	Water	44360
	<b>Other revenue Exp</b>	P9- Academic and adm
Binding		34370
Computer Exp		22140
College Magazine		44400
Conveyance		33003
Online admission Exp		51976
Educational Tour		157466
Electricity and water Charges		1359411
	Electricity Exp	372958





	Garden Development	15140
	Generator exp	57224
	Office Exp	75187
	Lab Exp	190913
	Library Exp	10860
	Magazines and Journals	68235
	Printing Journal	363190
	Printing Publicity	210776
	Travel and Meeting	109185
	<b>Total</b>	<b>14075898</b>

**Year 5 2018-19**

Head of expenditure (for ex. Repair and maintenance)	Item of expenditure (for ex. AMC for Lab equipment and computers, garden maintenance etc.)	Amount (INR in Lakhs)
Repairs and maintenance of assets	General repairs and maintenance	560503
	Building	125141
	Plumblng Works	31470
	Electircal	275370
Adm. Exp	AMC	17924
	Advertisement	19879
	Annual Function	152945
	Adm Exp	54547
	Computer Exp	42609
	Binding	8660
	Online Admission	66655
	NAAC Exp	70527
Campus Maintenance	Garden Main.	15773
Electricity and Water, Comm.	Electricity	1092957
	Telephone	4552
Office Exp	Office Exp	49179
Liab. Dept Exp.	Magazines and Journals	9040
	News Papers	17994
	Practical Journal Exp	183391
Printing Publication and stationery	Printing and stationery	99180
Students Exira Curricular Activities	Sports and Tournaments	125952



Seminar and workshops	Seminar	29740
Travelling Meeting and Conveyance	Conveyance	44633
	Travelling	136491
Science Lab exp.	Chemistry	2935
	Physics	4867
	Water Charges	22204
Total		3265118

**4.1.2 PERCENTAGE OF EXPENDITURE FOR INFRASTRUCTURE DEVELOPMENT AND AUGMENTATION EXCLUDING SALARY DURING LAST 5 YRARS**

**4.1.2 PERCENTAGE OF EXPENDITURE FOR INFRASTRUCTURE DEVELOPMENT AND AUGMENTATION EXCLUDING SALARY DURING LAST 5 YRARS**

**YEAR 1- 2022-23**

Head of Expenditure	Item of Expenditure	Amount
Furniture Fixture and Other Assets		
	Office Equipment (201+208+203)	1216627
	Furniture and fixture (208+201)	845885
	Computer Peripherals (201+203+208)	4712032
	<b>TOTAL</b>	<b>6774544</b>

**YEAR 2- 2021-22**

Furniture Fixture and Other Assets		
	Office Equipment (201+208+203)	217038
	Furniture and fixture (208+201)	
	Computer Peripherals (201+203+208)	427200
	<b>TOTAL</b>	<b>644238</b>

**YEAR 3 -2020-21**



<b>Furniture Fixture and Other Assets</b>		
	<b>Office Equipment (201+208+203)</b>	<b>448493</b>
	<b>Furniture and fixture (208+201)</b>	<b>--</b>
	<b>Computer Peripherals (201+203+208)</b>	<b>113475</b>
	<b>TOTAL</b>	<b>561968</b>
<b>YEAR 4- 2019-20</b>		
<b>Furniture Fixture and Other Assets</b>		
<b>And Immovable Assets</b>		
	<b>Office Equipment (201+208+203)</b>	<b>647818</b>
	<b>Furniture and fixture (208+201)</b>	<b>2048816</b>
	<b>Computer Peripherals (201+203+208)</b>	<b>106271</b>
	<b>Immovable Assets</b>	<b>443441</b>
	<b>TOTAL</b>	<b>3246346</b>
<b>YEAR 5-2018-19</b>		
<b>Furniture Fixture and Other Assets</b>		
<b>And Immovable Assets</b>		
	<b>Office Equipment (201+208+203)</b>	
	<b>Furniture and fixture (208+201)</b>	<b>206248</b>
	<b>Computer Peripherals (201+203+208)</b>	<b>142080</b>
	<b>Sports Equipment</b>	<b>234342</b>
	<b>Educational Equipment</b>	<b>197749</b>
	<b>Fans and Water Purifier, Generator Shed</b>	<b>373066</b>
	<b>TOTAL</b>	<b>1152485</b>



**5.1.1 Percentage of students benefited by scholarships and free ships provided by the institution, government and non-government bodies, industries, individuals, philanthropists during the last five years**

Year	Name of the scheme	Government/Non-government	Name of the individual/Organisation	Number of students benefited	Amount (in INR)
2018 -19	Rajarshi Chhatrapati Shahu Maharaj Shikshan Shulkh Shishyavrutti Scheme	Government	Govt. of India	48	302160
	State Minority Scholarship Part II (DHE)	Government	Govt. of India	1	5000
	Government of India Post-Matric Scholarship	Government	Maharashtra Govt.	103	1469622
	Post-Matric Tuition Fee and Examination Fee (Freeship)	Government	Maharashtra Govt.	3	56940
	Post Matric Scholarship Scheme (Government Of India )	Government	Maharashtra Govt.	97	388723
	Tuition Fee & Exam Fee for Tribal Students ( Freeship)	Government	Maharashtra Govt.	6	96110
	Post Matric Scholarship to OBC Students	Government	Maharashtra Govt.	120	919062
	Post Matric Scholarship to SBC Students	Government	Maharashtra Govt.	2	10880
	Post Matric Scholarship to VJNT Students	Government	Maharashtra Govt.	25	138622
	Tuition Fees and Examination Fees to OBC Students	Government	Maharashtra Govt.	6	16310
	Tuition Fees and Examination Fees to SBC Students	Government	Maharashtra Govt.	1	1140
	Tuition Fees and Examination Fees to VJNT Students	Government	Govt. of India	8	25102
	Dr. Punjabrao Deshmukh Vasatigrub Nirvah Bhatta Yojna (DHE)	Government	Maharashtra Govt.	0	0
			<b>Total</b>	<b>420</b>	<b>3429671</b>
2019 -20	Rajarshi Chhatrapati Shahu Maharaj Shikshan Shulkh Shishyavrutti Scheme	Government	Govt. of India	23	96580
	State Minority Scholarship Part II (DHE)	Government	Govt. of India	0	0
	Government of India Post-Matric Scholarship	Government	Maharashtra Govt.	133	1412678
	Post-Matric Tuition Fee and Examination Fee (Freeship)	Government	Maharashtra Govt.	4	107774
	Post Matric Scholarship Scheme (Government Of India )	Government	Maharashtra Govt.	111	388723
	Tuition Fee & Exam Fee for Tribal Students ( Freeship)	Government	Maharashtra Govt.	3	50068
	Post Matric Scholarship to OBC Students	Government	Maharashtra Govt.	177	965415



	Post Matric Scholarship to SBC Students	Government	Maharashtra Govt.	3	15295
	Post Matric Scholarship to VJNT Students	Government	Maharashtra Govt.	40	228600
	Tuition Fees and Examination Fees to OBC Students	Government	Maharashtra Govt.	16	51960
	Tuition Fees and Examination Fees to SBC Students	Government	Maharashtra Govt.	1	2656
	Tuition Fees and Examination Fees to VJNT Students	Government	Govt. of India	5	28606
	Dr. Punjabrao Deshmukh Vasatigrub Nirvah Bhatta Yojna (DHE)	Government	Maharashtra Govt.	1	2000
	Blue Cross Lab's Scholarship	Non-Government	Blue Cross Laboratories PVT LTD	9	135,000
			<b>Total</b>	<b>526</b>	<b>3,485,355</b>
2020-21	Rajarshi Chhatrapati Shahu Maharaj Shikshan Shulkh Shishyavrutti Scheme	Government	Govt. of India	25	133020
	State Minority Scholarship Part II (DHE)	Government	Govt. of India	0	0
	Government of India Post-Matric Scholarship	Government	Maharashtra Govt.	111	1223451
	Post-Matric Tuition Fee and Examination Fee (Freeship)	Government	Maharashtra Govt.	3	61998
	Post Matric Scholarship Scheme (Government Of India )	Government	Maharashtra Govt.	119	388723
	Tuition Fee & Exam Fee for Tribal Students ( Freeship)	Government	Maharashtra Govt.	9	105029
	Post Matric Scholarship to OBC Students	Government	Maharashtra Govt.	129	720547
	Post Matric Scholarship to SBC Students	Government	Maharashtra Govt.	6	35120
	Post Matric Scholarship to VJNT Students	Government	Maharashtra Govt.	34	198330
	Tuition Fees and Examination Fees to OBC Students	Government	Maharashtra Govt.	13	49040
	Tuition Fees and Examination Fees to SBC Students	Government	Maharashtra Govt.	0	0
	Tuition Fees and Examination Fees to VJNT Students	Government	Govt. of India	3	8926
	Dr. Punjabrao Deshmukh Vasatigrub Nirvah Bhatta Yojna (DHE)	Government	Maharashtra Govt.	0	0
	Blue Cross Lab's Scholarship	Non-Government	Blue Cross Laboratories PVT LTD	19	285,000
			<b>Total</b>	<b>471</b>	<b>3,209,184</b>
2021-22	Rajarshi Chhatrapati Shahu Maharaj Shikshan Shulkh Shishyavrutti Scheme	Government	Govt. of India	11	56260
	State Minority Scholarship Part II (DHE)	Government	Govt. of India	0	0



	Government of India Post-Matric Scholarship	Government	Maharashtra Govt.	91	483680
	Post-Matric Tuition Fee and Examination Fee (Freeship)	Government	Maharashtra Govt.	1	20901
	Post Matric Scholarship Scheme (Government Of India )	Government	Maharashtra Govt.	96	388723
	Tuition Fee & Exam Fee for Tribal Students ( Freeship)	Government	Maharashtra Govt.	6	91881
	Post Matric Scholarship to OBC Students	Government	Maharashtra Govt.	95	562540
	Post Matric Scholarship to SBC Students	Government	Maharashtra Govt.	132	1388010
	Post Matric Scholarship to VJNT Students	Government	Maharashtra Govt.	23	124046
	Tuition Fees and Examination Fees to OBC Students	Government	Maharashtra Govt.	7	34520
	Tuition Fees and Examination Fees to SBC Students	Government	Maharashtra Govt.	1	4580
	Tuition Fees and Examination Fees to VJNT Students	Government	Govt. of India	3	7880
	Dr. Punjabrao Deshmukh Vasatigruh Nirvah Bhatta Yojna (DHE)	Government	Maharashtra Govt.	0	0
	Blue Cross Lab's Scholarship	Non-Government	Blue Cross Laboratories PVT LTD	28	420,000
			<b>Total</b>	<b>494</b>	<b>3583021</b>
2022 -23	Rajarshi Chhatrapati Shahu Maharaj Shikshan Shulkh Shishyavrutti Scheme	Government	Govt. of India	19	228410
	State Minority Scholarship Part II (DHE)	Government	Govt. of India	0	0
	Government of India Post-Matric Scholarship	Government	Maharashtra Govt.	121	724012
	Post-Matric Tuition Fee and Examination Fee (Freeship)	Government	Maharashtra Govt.	5	239761
	Post Matric Scholarship Scheme (Government Of India )	Government	Maharashtra Govt.	95	388723
	Tuition Fee & Exam Fee for Tribal Students ( Freeship)	Government	Maharashtra Govt.	3	24003
	Post Matric Scholarship to OBC Students	Government	Maharashtra Govt.	25	58126
	Post Matric Scholarship to SBC Students	Government	Maharashtra Govt.	5	43425
	Post Matric Scholarship to VJNT Students	Government	Maharashtra Govt.	30	224080
	Tuition Fees and Examination Fees to OBC Students	Government	Maharashtra Govt.	11	89980
	Tuition Fees and Examination Fees to SBC Students	Government	Maharashtra Govt.	680	1730
	Tuition Fees and Examination Fees to VJNT	Government	Govt. of India	1	1880



	Students				
	Dr. Punjabrao Deshmukh Vasatigruh Nirvah Bhatta Yojna (DHE)	Government	Maharashtra Govt.	0	0
	Blue Cross Lab's Scholarship	Non-Government	Blue Cross Laboratories PVT LTD	29	435000
			Total	1024	2459130

**STUDENT'S SATISFACTORY SURVEY  
ANALYSIS REPORT  
ACADEMIC YEAR: 2022-23**

**Introduction and Objectives:**

Central Hindu Military Education society's Bhonsala Military College, Nashik was established in 1986. The college aims at overall students' development that includes academic studies and intellectual and physical development. The college aims to encourage students for competitive exams and to take up their career in armed forces. In the last month of the every academic year a survey is conducted to assess the satisfaction of students regarding curriculum, teaching, learning, evaluation and infrastructure of the college. Positive as well as negative feedback provide a way to improve the quality of the teaching learning process in the college. Feedback from all the students is a contributing factor to improve the overall working of the college.

**Methodology:**

In academic year 2022-23, students were asked to fill a feedback form provided by college via Google forms.

**Design of feedback:**

The responses from students for the overall development of college are collected using five likert scale.

- 1) Strongly agree.
- 2) Agree.
- 3) Neutral.
- 4) Disagree.
- 5) Strongly disagree

**Data coding:**

Least is the best method to code data. It means that lowest rank is given to strongly agree response and next rank is given to agree response and so on.

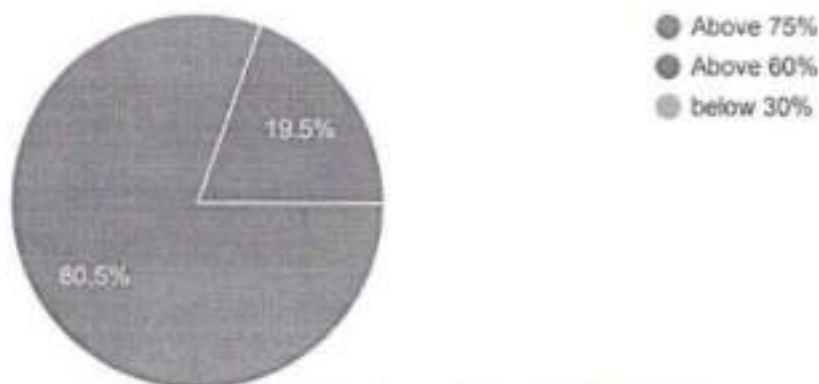


- 1) Strongly agree: 1
- 2) Agree: 2
- 3) Neutral: 3
- 4) Disagree: 4
- 5) Strongly disagree: 5

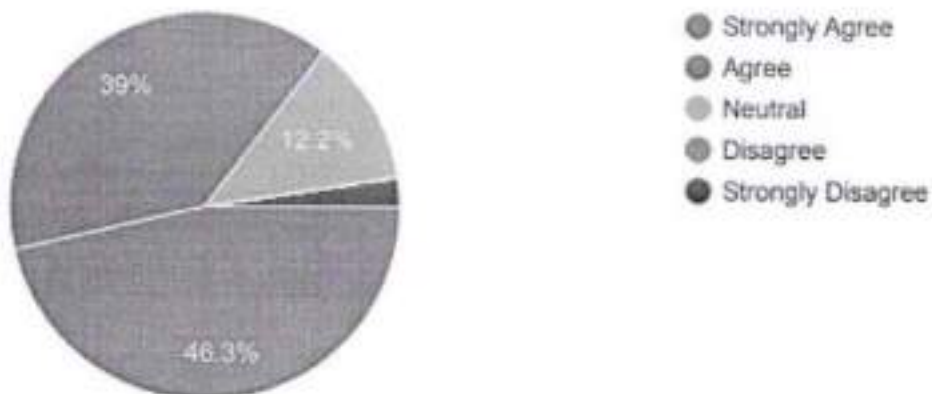
**Analysis of feedback:**

Feedback was collected and analysed by Feedback analysis committee of the college. Responses of each student are obtained on each parameter in terms of percentage. Analysis is presented in a tabular and graphical representation as follows.

**Q1. My Attendance for A.Y.2022-23 was**

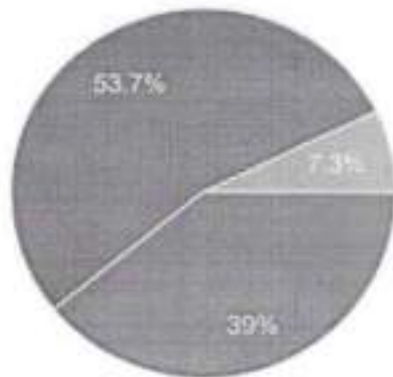


**Q2. The college office staffs are very co-operative and helpful?**



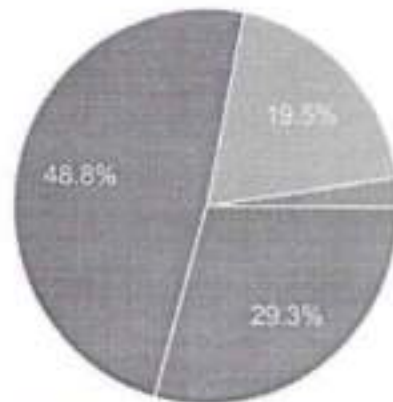


Q3. The college library staffs are very co-operative and helpful?



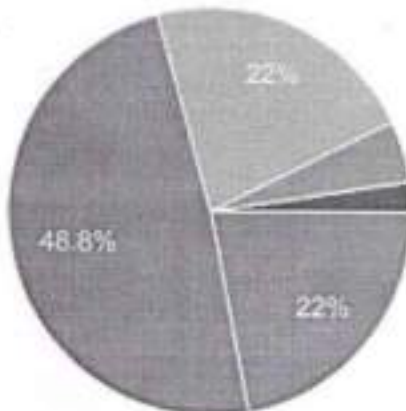
- Strongly Agree
- Agree
- Neutral
- Disagree
- Strongly Disagree

Q4. Online resources are available and accessible in the library?



- Strongly agree
- Agree
- Neutral
- Disagree
- Strongly Disagree

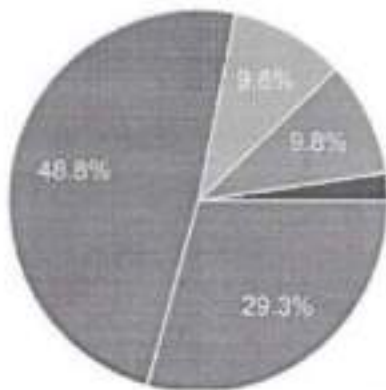
Q5. Internet facility provided in the library is satisfactory?



- Strongly agree
- Agree
- Neutral
- Disagree
- Strongly Disagree

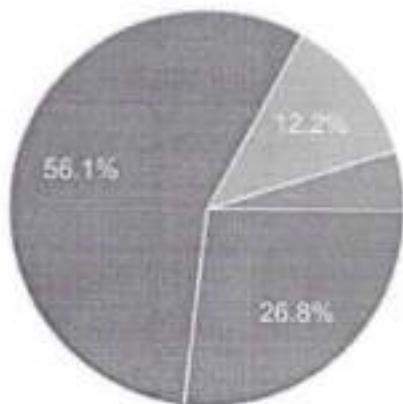


**Q6. All the prescribed books, reading material pertaining to our courses are available in the library?**



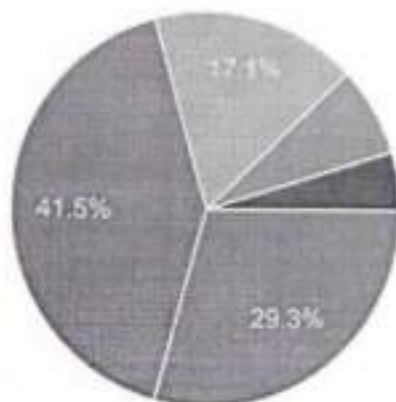
- Strongly agree
- Agree
- Neutral
- Disagree
- Strongly Disagree

**Q7. All the equipment required for our courses are available in the laboratory?**



- Strongly Agree
- Agree
- Neutral
- Disagree
- Strongly Disagree

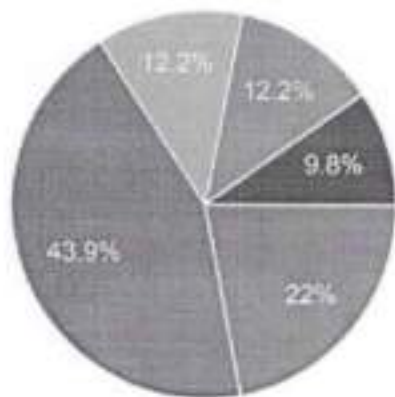
**Q8. Separate common rooms are available for girls and boys?**



- Strongly Agree
- Agree
- Neutral
- Disagree
- Strongly Disagree

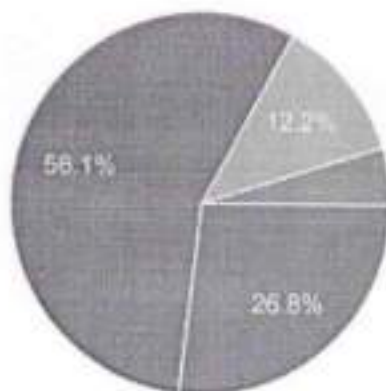


Q9. Toilets, washrooms and class rooms are always properly cleaned and maintained?



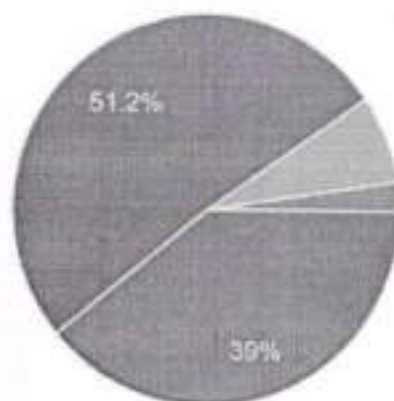
- Strongly Agree
- Agree
- Neutral
- Disagree
- Strongly Disagree

Q10. Clean drinking water is available in the college premises?



- Strongly Agree
- Agree
- Neutral
- Disagree
- Strongly Disagree

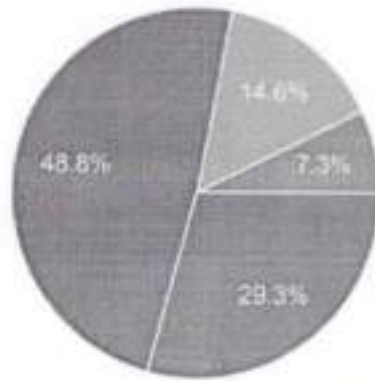
11. The college campus is equipped with adequate power supply?



- Strongly Agree
- Agree
- Neutral
- Disagree
- Strongly Disagree

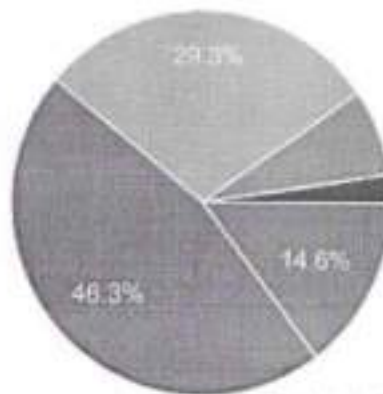


Q12. All your grievances / problems are attended well in time?



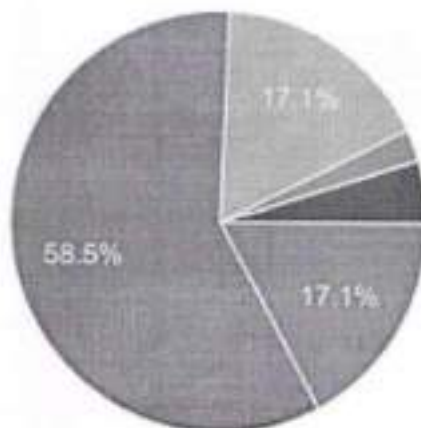
- Strongly Agree
- Agree
- Neutral
- Disagree
- Strongly Disagree

Q13. The functioning of the placement cell of the college is satisfactory?



- Strongly Agree
- Agree
- Neutral
- Disagree
- Strongly Disagree

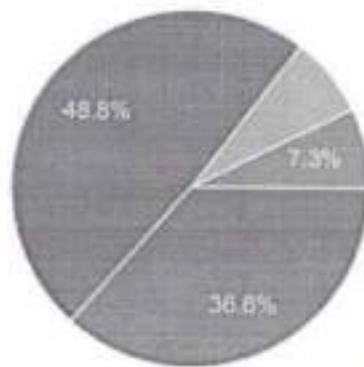
Q14. The college takes interest in strengthening its ties with industries, professional bodies etc?



- Strongly Agree
- Agree
- Neutral
- Disagree
- Strongly Disagree

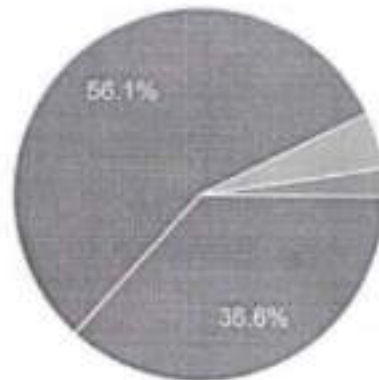


Q15. The overall teaching and mentoring process of the college is excellent?



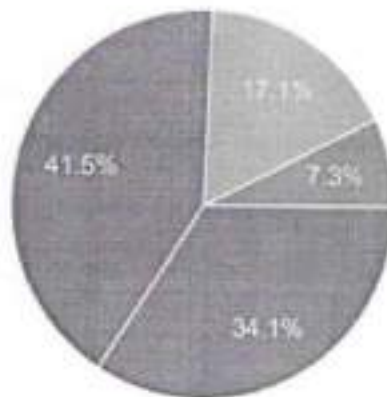
- Strongly Agree
- Agree
- Neutral
- Disagree
- Strongly Disagree

Q16. The overall security / safety in the college campus is satisfactory?



- Strongly Agree
- Agree
- Not sure
- Disagree
- Strongly Disagree

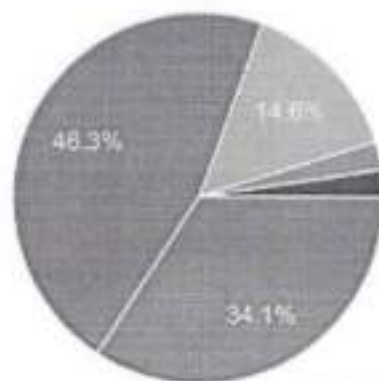
Q17. The overall discipline in the college is satisfactory?



- Strongly Agree
- Agree
- Not sure
- Disagree
- Strongly Disagree

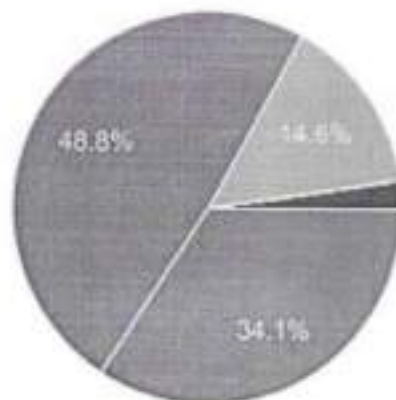


Q18. The college staffs always maintain cordial relations with the students?



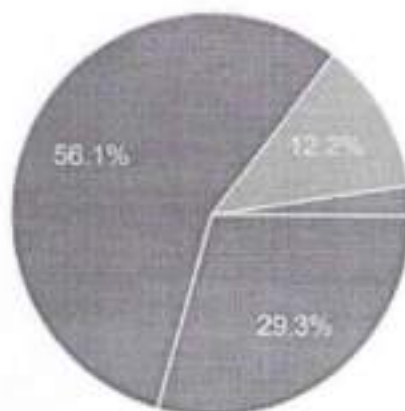
- Strongly Agree
- Agree
- Neutral
- Disagree
- Strongly Disagree

Q19. The College has effective communication system?



- Strongly Agree
- Agree
- Neutral
- Disagree
- Strongly Disagree.

Q20. The overall facilities provided by the college are satisfactory?



- Strongly Agree
- Agree
- Neutral
- Disagree
- Strongly disagree.



**ACTION TAKEN REPORT ON  
STUDENTS' SATISFACTION SURVEY  
ACADEMIC YEAR: 2022-23**

After reviewing the issue of absenteeism following actions have been taken: Analysis is made to recognize reasons and forms for absenteeism. Parents/guardian – teacher meeting was arranged for students with particularly poor attendance. The college has initiated Mentor-mentee program to identify and resolve difficulties regarding not only in attendance but also in subject understanding. Following actions have been taken to improve it. Training programs were organized from time to time to enhance better relation between staff and students. The overwhelmingly positive feedback received from students regarding the support of library staff is a testimony to the college's commitment to providing a supportive learning environment. A program was organized for appreciation and encouragement of Library staff's efforts in college. Conduction of training program aimed to enhance communication and interpersonal skills of staff with students. Regular track record is maintained of staff-student interactions by a separate team through feedbacks, suggestion and complaint register. The feedback highlights the college efforts in providing digital learning materials, as well as connecting students across the globe. The library staff provides guidance while accessing online study materials. To ensure uninterrupted internet connection for students in the library, high speed internet modems are installed with AMC. Librarians and department heads actively review and expand collections to ensure essential resources are readily available to all students. At the end of the semester/academic year, the head of the department ensures the equipment requirement for the laboratory. A separate common room has been provided for girls. A proposal for a common room for boys is under consideration. Toilets, washrooms and classrooms are cleaned daily, a dedicated team is appointed for this task. Clean drinking water is the primary need of every person. By installing RO water coolers, the college ensures clean drinking water in the premises. Solar panels have been installed in the college for uninterrupted power supply. A separate committee has been set up for solar-equipped power supply in the campus. A separate Grievances Cell is functioning in the college to resolve the student's issues. Continuous efforts are being made to increase the employability of the students by coaching them for campus interviews. The college has signed MOUs to strengthen ties with industry and professional bodies. The college is student-centric, and its aims and philosophy is to provide a cultured human being to the society. And this goal will be fulfilled by the dedicated faculty of the college. Regular teacher training, orientation programs, workshops/seminars are organized for this purpose. The college building and the entire campus are under CCTV surveillance with security guards (female and male) at every entry and exit gate. This college is the only military college in the state, which imparts military training to the students. The training and environment helps to inculcate discipline among the students of the college. Recognition and appreciation program of staff was organized to motivate the staff. Training program aimed to improve communication and interpersonal skills to ensure better interactions with students. Suggestion and complaint register is maintained and monitored. Regarding the need for an effective communication system between faculty, staff and students of the college, the college has created social media accounts groups like Telegram, What Sapp along with traditional methods like notice boards/out-of-office displays. The college is working hard to provide all the basic and necessary facilities to the students, be it related to advance learning tools like internet connected smart boards, qualified and trained faculty, organizing guest lectures, seminars, workshops, conferences, field visits, study tours, sport events.

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**EXTERNAL ACADEMIC AND ADMINSTRATIVE AUDIT: BHONSALA MILITARY COLLEGE, RAMBHOMI,  
DR. MOONJE MARG, NASHIK-422005 (MAHARASHTRA)**



military training. Also, various committees were formed to improve relations between students and office, library staff, ensuring the safety of every student and more.

## Extended Profile

### ❖ Students

➤ Number of students year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
1880	2081	2080	1872	1724

❖ Number of teaching staff / full time teachers during the last five years (Without repeat count):

➤ Number of teaching staff / full time teachers year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
61	62	68	53	58

❖ Institution

➤ Expenditure excluding salary component year wise during the last five years (INR in lakhs)

2022-23	2021-22	2020-21	2019-20	2018-19
111.28	653.99	264.37	203.22	455.75

## 4. Quality Indicator Framework (QIF)

### 1.1 Curricular Aspects-

1.1.1





**The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**

- Being affiliated to the Savitribai Phule Pune University, the Institution adopts a holistic approach and ensures effective curriculum delivery through a well-planned and documented process. IQAC of the Institution often consults on academic matters which are as follows:
- A uniform Academic Calendar prepared aligned with all departments for curriculum planning. Departmental Meetings are held in each department to distribute the work-load. Discussions are made on the methodologies of different approaches regarding curriculum.
- The Time-Table Committee prepares a master timetable and the respective departments prepare their schedule of lectures and practical's.
- For the proper implementation of the curriculum, Semester-wise Teaching Plans are made according to the curriculum as also available periods and academic calendar.
- The teaching plans are prepared and followed by the teachers.
- The Principal addresses students about roadmap of various activities in Induction programme.
- Different Pedagogies such as Blended Lecture, Participative, Experiential Learning and Problem Solving Methods are adopted by using ICT Tools in curriculum delivery.
- Subject Tours, Industrial Visits, Seminars, Debates, and Workshops are organized regularly. Institution provides Add-on/Career Oriented/Value-added/ Skill-based courses for students.
- The faculty members are elected and nominated on the Board of Studies in various subjects. They give suggestions for making and enrichment of the curriculum to their specific BOS.
- Faculty members are encouraged to participate in Conferences, Seminars, Orientations and Refreshers courses, FDPs etc.
- All the laboratories are upgraded periodically as per the needs of the students.
- The Institution has MoUs with other colleges and activities such as Field Visits and Lecture Series are conducted.
- The Institution provides Library and E-learning facilities to teachers for effective delivery of curriculum. E-contents prepared by teachers are uploaded on the Institute website to be used as a knowledge bank. Students' feedback on curriculum is taken and action taken according to the suggestions received.
- Institute includes Continuous Internal Evaluation schedule in the Academic Calendar as per the University guidelines. The Examination and Academic Development Committee implements CIE process and monitors Examinations and Evaluation Process. Plan of activities like Diagnostic Test, Unit Tests, Pre-semester, Seminars, Projects, Practical etc. scheduled by online and offline mode along with various activities are conducted during the academic year.
- The time table of internal examination is prepared and displayed on the website for execution. Pre- semester examinations are conducted by all the departments well before the University examinations. The Practice Tests and Home Assignments are conducted by all departments. Assessment of all examinations is done within stipulated time and the results are displayed on notice board.
- Efforts are made to improve the efficiency and transparency of the Continuous Internal Evaluation process through regular review meetings by the Examination and Academic Development Committee and observations are forwarded to IQAC for action to be taken.



## 1.2 Academic Flexibility

### 1.3 Curriculum Enrichment

#### 1.3.1

#### **Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability in transacting the Curriculum**

The vision of the Institution is “**Bhonsala Military College** Is A Pioneering Institution Which Promotes Academics With A Perfect Blend Of Military Values In A Caring, Value Based Environment, Which Encourages Students To Be Energetic, Purposeful, Creative, Service Oriented, Responsible, Dignified And Integrated Citizens To Make Notable Contribution To The Armed Forces And Civil Services”.

#### **Professional Ethics:**

**Professional Ethics are reflected through the curriculum of UG and PG programs and activities.**

- Curriculum of B.A., B.Com. And M.A., M.Com. Economics, Marathi, English, Physical Education, and Commerce include Professional Ethics Issue.
- Skill Development Course in 'Entrepreneurship Development', Certificate Course in 'Retail Management' and 'English Communication'.
- Organization of 'Commerce Carnival' Crash Course by TATA Consultancy Service under 'Campus to Corporate' activity.
- Expert Lectures on Personality Development, Interview Techniques. Entrepreneurship Development Training Programme.
- Training & Exhibition Program.

#### **Gender:**

- The curriculum which addresses gender issues which teaches equality in gender and also about action against bias. The curriculum addresses issues reflecting gender equality as follows:
- Curriculum of B.A. - I, II & III - Economics, Marathi, Hindi and Physical Education include Gender Issue.
- Certificate Course in Cyber security, Hardware and software, Retail Management Establishment of 'Equal Opportunity Cell', and 'Internal Complaints Committee'. Celebration of '**Savitribai Phule Jayanti and International Women's Day**'.

#### **Gender Audit**

- Lectures on the Gender Discrimination. Organized 'Self-Defense Camp' for girl students. **Human values:**
- Human values help us to live in harmony with the world. The following curriculum and courses describe the human values:
- The curriculum of B.A. - I, II & III - Political Science and History includes above issue. Value Added Courses:
- 'Positive Thinking and Emotional Intelligence' 'Social Reformers in Maharashtra' 'Ethics(Indian)'
- 'Panchayat Raj' 'Human Rights', 'Professional Ethics'.
- CBCS Non CGPA Exam on 'Democracy, Elections and Good Governance, and Indian Constitution'.



## Environment and Sustainability:

These issues are dealt with in the UG Programme stressing their multidisciplinary significance, need for renewable resources and forthcoming challenges regarding environment and sustainability.

### The relevant courses and activities undertaken by Institution are as follows:

- Curriculum related to B.A., B.Sc.-I, II & III and Environmental Studies for B.A., B.Com. B.Sc. II. With project.
- Certificate course in 'Biodiversity Conservation' 'Disaster Management'
- Value -added course in 'Tourism'
- Celebration of 'World Geography Day', World Earth Day, No Vehicle Day', 'World Ozone Day' etc. Organized National Webinar
- Activities like Online Quiz, Tree plantation drive.
- It is to be noted that the institution has already drive in its own system: Verme Composting Unit
- Solar energy plant Tree plantation Botanical Garden

#### 1.3.2

Percentage of students undertaking project work/field work/ internships (Data for the latest completed academic year)

Number of students undertaking project work/field work / internships : 356

## 1.4 Feedback System

#### 1.4.1

Institution obtains feedback on the academic performance and ambience of the institution from various stakeholders, such as Students, Teachers, Employers, Alumni etc. and action taken report on the feedback is made available on institutional website

: A. Feedback collected, analysed, action taken & communicated to the relevant bodies and feedback hosted on the institutional website

## Criterion 2 - Teaching-learning and Evaluation

### 2.1 Student Enrolment and Profile

#### 2.1.1 Enrolment percentage



2022-23	2021-22	2020-21	2019-20	2018-19
1048	1048	1048	1048	1048

**2.1.1.2 Number of sanctioned seats year wise during last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
1048	1048	1048	1048	1048

**2.1.2 Percentage of seats filled against reserved categories (SC, ST, OBC etc.) as per applicable reservation policy for the first year admission during the last five years**

: 83.56%

**2.1.2.1 Number of actual students admitted from the reserved categories year wise during last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
835	1046	817	835	796

**2.1.2.2 Number of seats earmarked for reserved category as per GOI/ State Govt. rule year wise during the last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
1049	1049	1049	1017	1017

**2.2 Student Teacher Ratio**

**2.2.1**

**Student – Full time Teacher Ratio: 30.82**

**2.3 Teaching- Learning Process**

2.3.1 Student centric methods, such as experiential learning, participative learning and problem solving



methodologies are used for enhancing learning experiences and teachers use ICT- enabled tools including online resources for effective teaching and learning process

The institution has adequate ICT enabled classrooms, seminar halls, equipped laboratories, Language Laboratory, Computer Laboratories with internet connectivity and software's. All faculties use ICT to enhance the quality of teaching-learning process. Number of faculty uses Google classroom and WhatsApp for communication and sharing of study material.

During the Co-vid pandemic we have used Google Meet and Zoom Cloud applications for delivering lectures and Google forms for surveys, tests and feedbacks. The institution has its own You Tube channel for online lectures, live streaming of seminars, conferences and workshops. Teachers have developed e- resources- video lectures, PPTs, e-notes, question banks and subject- related e-books. Moreover, subject- related movies, video clips, animated videos and You Tube videos have been used as learning resources.

Educational CDs are also available in the library as well as in the department. INFLIBNET N-LIST and Shodhganga provide access to e-resources of National Digital Library (NDL). Telegram groups were created and used for academic purposes through which teachers circulate study materials and educational notices to students. Students are encouraged to prepare seminar presentations, assignments, projects and field reports using various ICT tools.

The institution provides an effective platform for students to develop the latest skills, knowledge, attitude and values to shape their behavior in the correct manner. The institution conducts innovative programs which stimulate the creative ability of students and provide them a platform to nurture their problem- solving skills and ensure participative learning. The institution implements student-centric methods for enhancing the lifelong learning skills of students.

**Faculty members make efforts in the learning process more interactive by adopting student-centric methods:-**

#### ***Experiential Learning***

- Faculties engage with students in direct experience and focused reflection in order to increase knowledge, develop skills and clarify values through:
- Demonstration of Laboratory Practical's Field work
- Preparation of Posters and PPTs for College / Intercollegiate / University / State / National / International level workshops/Conferences and various competitions.
- Study Tours and Industrial visits Commerce Carnival
- Banks Visits and Training Sessions Surveys
- Industry Research Projects
- Online and Offline Guest Lectures by eminent experts from industry and academics

#### **Participative Learning**

- Participative learning helps learner to achieve the specified objective and desired outcomes through:  
Online Quizzes
- Group Discussions



- Seminars and workshops Story Telling Competition Poetry Recitation Application of Computer and Internet in Geographical Studies Celebration of National and International days
- **Swachha Bharat Abhiyaan** Health Awareness Camp Role Play and Street Play Publication of Wallpaper
- Team work and Rallies through Camps of NSS and NCC
- Institutional Social Responsibility through Red Cross Society, Village Adoption and Tree Plantation Drives.

### Problem Solving Methodology

- Socio-economic survey Village survey
- Analysis and Reasoning
- Conduction of Quizzes and Research based Projects.
- Case Studies
- Participation in Seminars, Conferences and Workshops.

### 2.4 Teacher Profile and Quality

2.4.1 Percentage of full-time teachers against sanctioned posts during the last five year : 74.57

➤ 2.4.1.1 Number of sanctioned posts year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
83	82	80	80	80

2.4.2 Percentage of full time teachers with NET/SET/SLET/ Ph. D. /D.Sc. / D.Litt. /L.L.D. during the last five years (consider only highest degree for count): 63.25%

2.4.2.1 Number of full time teachers with NET/SET/SLET/Ph. D. / D.Sc. / D.Litt./L.L.D year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
40	39	39	38	35



## 2.5 Evaluation Process and Reforms

**2.5.1 Mechanism of internal/ external assessment is transparent and the grievance Redressal system is time- bound and efficient**

Internal and external assessment is an important part in teaching-learning process. Affiliating University provides semester wise time table for summative evaluation and the institution strictly adheres to the same.

As per the time table provided by the university, the institution appoints junior and senior supervisors in order to conduct second and third year of UG and PG examinations. Answer books of these examinations are sent to the university CAP centers.

The University examination and assessment of 1st year students for undergraduate (UG) is conducted at institutional level and results were communicated to the University. The assessed answer-books and its records are maintained at departmental and Institutional level.

Results are displayed at the departmental notice board and institutional website. Projects of Environmental Studies for Second Year undergraduate (UG) students of all programs are evaluated at institutional level.

As per SPPU University Pune notification, the institution also conducts examination for the Semester III, IV, V and VI for UG students and Semester I to IV of postgraduate (PG) students.

Examination and Academic Development Committee prepares Internal Evaluation and Examination Schedule for each academic year for conducting Continuous Internal Examinations (CIE). CIE schedule comprises Diagnostic Test, Unit Tests, Pre-Semester Examination and Term Work.

Internal and practical re-examinations are conducted for the students who missed their attempt. Mechanism to deal with examination related grievances is transparent, time-bound and efficient.

As per the schedule, departments conduct Unit Tests, Term-work and Pre-Semester Examinations. In addition to this Open Book Tests, Surprise Tests, Project Work, Study Tour, Field Visits, Industrial Visits, Group Discussions, Oral Examinations and Seminars are also conducted as a part of CIE.

For UG (final year) and PG, Term Work evaluation is carried out by conducting Tests, Seminars, Home Assignments and Projects. For the undergraduate and postgraduate program, the assessment is done through different components such as theory, practical and viva-voce/oral.

Examination and Academic Development Committee looks into the grievances related to internal examinations. The committee has instructed departments for maintaining the examination record up to date and resolves the grievances, if any.

The Institution is prompt to assist the students to apply for revaluation to the University for Redressal



and take the follow-up. For external examination grievances, University provides the facility of photo copies of answer books to students on demand within fifteen days after declaration of results. If there is any discrepancy in evaluation, students can apply for reevaluation within seven days. Students who apply for reevaluation can approach to the concerned subject teacher.

After reassessment, student gets reevaluated marks through University. The institution takes reviews on CIE and guides the committee for further reforms which to be incorporate in the evaluation process.

## **2.6 Student Performance and Learning Outcomes**

### **2.6.1 Programme Outcomes (POs) and Course Outcomes (COs) for all Programmes offered by the Institution are stated and displayed on website**

The Institution follows outcome-based education process as per UGC guidelines. The IQAC consistently guides the entire process.

In strict compliance with the objectives of Outcome Based Education (OBE), the Program Outcomes (POs), Program Specific Outcomes (PSOs) and Course Outcomes (COs) are framed by the Institution offering the concerned program after rigorous consultation with all faculty and stakeholders and is uploaded on the institutional website. The affiliating University also sets POs and COs for some programs. The Institution defines five to six outcomes keeping in view of graduate attributes.

Outcome Based Education enriches the courses offered in each programme, equips the teachers with knowledge, skills, and empowers the learners with attainable outcomes of the programme. It develops the optimistic attitude among the learners towards vertical development for their future endeavours.

Learning Outcomes of the Programs and Courses are highlighted and students are made aware of through induction cum orientation programme at the beginning of the academic year. The importance of the learning outcomes has been discussed and communicated to the students.

The curriculum under CBCS has been strengthened with the introduction of OBE and the courses have been reinforced with desirable outcomes. Course outcomes are the statements which describes knowledge as well as abilities developed among the students by the end of teaching the courses. Course Outcomes are assessed after the completion of examination whereas Programme Outcomes are measured at the time of completion of the concerned programme.

Some of the faculty are the members of Boards of Studies (BOS) and their Sub-Committees and are directly involved in the formulation of outcome-based syllabi. Apart from this, faculty regularly attends workshops on revised syllabus whenever there are changes incurred.

The IQAC organizes workshop on outcome-based education and faculty was trained for identification and assessment of outcome attainments. Attainment of Programme Outcomes (POs) and Course Outcomes (COs) are calculated by the institution using direct and indirect method. In the direct method, students' performance in the university examinations and internal evaluation is taken into consideration.





The university internal evaluation includes seminar presentations, assignment submissions, term- work, oral examinations through which the learning outcomes are measured. In Indirect method, student progression and placement are taken into consideration. Course Outcome attainment levels are set for all courses in each program.

### 2.6.2 Attainment of POs and COs are evaluated.

Explain with evidence in a maximum of 500 words

The attainment level for course outcomes is defined as follows: University Examination

Level 1: below 45 % of students scoring more than average marks Level 2: 45-60 % of students scoring more than average marks Level 3: above 60% of students scoring more than average marks

#### Internal Examination

Level 1: below 60 % of students scoring more than average marks Level 2: 60-80 % of students scoring more than average marks Level 3: above 80% of students scoring more than average marks

The attainment level for Program Outcomes is defined as follows:

Program outcome Level	Target Attainment
1. Level 1	0.5 - 1.0
2. Level 2	1.0 - 1.5
3. Level 3	1.5 - 2.0
4. Level 4	2.0 - 2.5
5. Level 5	2.5 - 3.0

2.6.3 Pass percentage of Students during last five years (excluding backlog students): 71.88%

2.6.3.1 Number of final year students who passed the university examination year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
264	444	550	444	264

2.6.3.2 Number of final year students who appeared for the university examination year-wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19



506	691	609	512	417
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**Criterion 3 - Research, Innovations and Extension**

**3.1 Resource Mobilization for Research**

**3.1.1** Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the last five years (INR in Lakhs) : **5 Lakhs**

**3.1.1.1** Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the last five years (INR in Lakhs)

2022-23	2021-22	2020-21	2019-20	2018-19
05	00	00	00	00

**3.2 Innovation System**

**3.2.1** Institution has created an ecosystem for innovations, Indian Knowledge System (IKS), including awareness about IPR, establishment of IPR cell, Incubation centre and other initiatives for the creation and transfer of knowledge/technology and the outcomes of the same are evident

Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge

Our Institution is registered for Institution Innovation Council (IC202324711) with MHRDC, Govt. of India for the creation and transfer of knowledge in our campus for students, research scholars and faculty to develop their ideas, mentoring and networking to achieve their goals of successfully forming a startup and thus becoming a milestone for other startups.

To foster the spirit of entrepreneurship and to quicken the pulse among the students, the Institution has taken initiatives by organizing the lectures on entrepreneurship development and Intellectual Property Rights (IPR) that is essential to nurture creativity and the ability to innovate from a young age.

To create an Innovative Learning Environment, Institution provides seed money for research projects with well-equipped research facilities. Different groups of faculty members work simultaneously for inculcating innovative ideas amongst students through various cells.

In addition to this, each department has its own methods and measures for the implementation of innovations in academic and research fields of their interest. The institute organized activities through various cells/Committees/Courses to create ecosystem under one roof.

**Patents filed:**

Total Two Patent has been published

**Incubation centre:**



**Patents filed:**

Total Two Patent has been published

**Incubation centre:**

Our institution organized various seminars, workshops on Intellectual Property Rights (IPR), Research methodology, scientific writing etc. to inculcate start up culture and encourage towards the innovation and nurture the innovative ideas among the student community through Incubation Centre.

To promote the research culture among students, we encourage the students to participate and present their research projects in *Avishkar* Research Competition. To develop innovative ideas for start-up and marketing knowledge among the students our Institution organized Entrepreneurship development programs.

The Research and Development cell promotes research culture and providing funds from the Institution. It also encourages teachers for sending proposals for research projects and participates in seminar/conference.

**Outcome:**

98 UGC listed Research papers and 131 research papers in conference proceedings have been published. One Minor research projects received funding of Rs. 500000/- from ICSSR. One student enrolled for Ph.D. in Poland.

**3.2.2**

Number of workshops/seminars/conferences including on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship conducted during the last five years

: 6 workshops

**3.2.2.1 Total number of workshops/seminars/conferences including programs conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
01	02	02	01	00

**3.3 Research Publications and Awards**

**3.3.1 Number of research papers published per teacher in the Journals notified on UGC care list during the last five years: 0.74**

**3.3.1.1 Number of research papers in the Journals notified on UGC CARE list year wise during the last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
12	13	15	15	25



3.3.2 Number of books and chapters in edited volumes/books published and papers published in national/international conference proceedings per teacher during last five years: **0.44**

3.3.2.1 Total number of books and chapters in edited volumes/books published and papers in national/international conference proceedings year wise during last five years

2022-23	2021-22	2020-21	2019-20	2018-19
07	18	13	08	02

### 3.4 Extension Activities

3.4.1 Outcomes of Extension activities in the neighbourhood community in terms of impact and sensitizing the students to social issues for their holistic development during the last five years.

**Extension Activities:-**The Institution organizes number of extension activities to promote Institute-neighborhood community association to sensitize the students towards community needs and maintain communal harmony as our institution is located in the slum area. To make the campus community aware of various social issues around, our institution organizes Workshops, Seminars, and Talks. Institution also conducts various outreach programs like awareness campaign, drives, rallies, celebration of days, health checkup camps, surveys, online quizzes, social welfare activities etc. Some of these are as follows:

**Awareness programs:-**The activities listed above are indicators of multiple issues of health, social, environmental significance in order to create sensitivity and understanding among the students and contribute to the balanced development of their personality. These extension activities strengthen the sense of empathy and compassion among students and have resulted in improved literacy, Hygienic surrounding, and awareness about the environment. It would help to develop ideal citizens with high moral values and societal responsibility. All these extension activities have significance of clean surrounding, hygiene, sanitation in the neighborhood, garbage disposal, and sensitizing the community at large to these vital issues. All these initiatives have gone a long way in holistic development personality of the participants of these Programs. Financial assistance to mentally retarded students financial help to Co-vid care center / Consultancy Tree plantation Distribution of reports to Co-vid Center in collaboration with NMC.

#### **Awareness Rallies:**

Cleanliness Drive at Railway station, Bus stand, Flood affected areas and Godavari Ghat Drives:

- Energy Conservation Awareness Campaign
- Blood Donation Camp
- Covid-19 vaccination
- Corona Awareness Campaign
- Blood Pressure and BMI Checking Camp



### Awareness campaigns:

- Eco-friendly Ganesh festival awareness Soil & water analysis
- Voting protocols Gender sensitization
- Traffic control during Navratri Utsav Spit Free Campus
- Plastic Ban Awareness program

### 3.4.2 Awards and recognitions received for extension activities from government / government recognised bodies

The Institution organizes number of extension activities to promote Institute-neighborhood community association to maintain communal harmony as our institution is located in the slum area.

To make the campus community aware of various social issues around, our institution conducts various outreach programs like awareness campaign, drives, rallies, celebration of days, health checkup camps, surveys, online quizzes, social welfare activities etc.

The institution plans, implements and tracks faculty and student's involvement in social activities which promote citizenship roles.

Our faculty members along with students provide an opportunity to interact with neighborhood students. The students are encouraged to take part in various outreach programmes to create awareness in the society.

The Institute Organizes different awareness programmes through NSS, NCC etc. and various Departments on Swachh Bharat Abhiyan, Disaster management, Gender sensitization, Tree plantation, Voting right, Adult literacy, Cleanliness drive, Environment Awareness Rally, Women empowerment, Health awareness.

The Institute organizes various social activities in the adopted NSS village by organizing a camp. The Institute ensures the involvement of the community in its activities by organizing mass blood donation movement, Hb Detection camp; free dental and eye check-up and plantation drives through their own or activities organized by Government or Nongovernment organizations.

### 3.4.3 Number of extension and outreach programs conducted by the institution through organized forums including NSS/NCC with involvement of community during the last five years.

: 35 Activities

#### 3.4.3.1 Number of extension and outreach Programs conducted in collaboration with industry, community, and Non- Government Organizations through NSS/ NCC etc., year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
06	08	11	06	04

### 3.5 Collaboration



3.5.1 Number of functional MoUs/ linkages with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research during the last five years.

: 23 MOU

#### Criterion 4 - Infrastructure and Learning Resources

4.1.1 The Institution has adequate infrastructure and other facilities for, teaching - learning, viz., classrooms, laboratories, computing equipment etc. ICT - enabled facilities such as smart class, LMS etc.

Facilities for Cultural and sports activities, yoga centre, games (indoor and outdoor), Gymnasium, auditorium etc. (Describe the adequacy of facilities in maximum of 500 words.)

The institution has the spacious campus of 165 acres with total built-up area of 7344.25 Square Meters for conducting academic, sports and administrative activities.

Classrooms and Laboratories: The institution has well-furnished classrooms and well-equipped laboratories with sufficient ventilation. The details are as follows:

1. Total Classrooms-29
2. Smart Classrooms- 11
3. Classrooms with ICT facilities-29
4. Laboratories-5
5. Computer Labs-2
6. Seminar Halls- 01
7. IQAC room -01

**ICT Facilities:** The institution has 146 computer switches are connected to internet through LAN connections. There are two broadband internet connections of 300 Mbps speed. Computer laboratory has necessary software's like OS Linux, Visual Studio, etc. Along with Laptops, LCD Projectors, Screens, Printers, Scanners are also made available to the departments. Out of 34 classrooms, 15 are connected with LCD Projector, Internet connectivity and Wi-Fi facilities.

**Library:** Library is fully automated having Reading Room, Reprographic Facilities, Periodicals, E- books, and E-journals.

**Cultural Room:** Institution has provided separate musical instruments like *Tabala, Dholaki, Dholak, Harmonium, Dimadi* for cultural activity to boarders.

**Play Ground:** Institution has spacious playground with **size: 165 x 75** meter athletic tracks and Basket court **size: 28.7 x 15.2 mts** with spectator stands.

**Gymnasium:** Gymnasium Hall is used for indoor games like Chess, Carom, Table Tennis, etc. It is well equipped with materials required for Football, Badminton, Basketball, Cricket, Volley Ball, Table- Tennis, Skipping Rope, Discus Throw, Shot Put, and Air Pump.



**Gym:** Institution has a multi-station Gym with Chest Press, Leg Press, Leg extension, Leg Curl, Shoulder Press, Bench Press, Lat Pulley, Pec Deck and Double Bar. It is also equipped with Bar Bell, Dumbbells, Power Lifting Weight set, Gym Mirrors, Weight Machine, and Weight Platelets.

**Swimming Pool:** The institution has International Standard 6 lane Swimming Pool of 25 x 18 sq. m. area. College students and registered members are trained by reputed coach for swimming.

**Facilities at Swimming Pool:-**Gents Changing Room , Ladies Changing Room , Office ,Rest Room

**Basket- Ball Court:** The institution has well equipped Basket Ball court with 448 sq. m. area.

**Yoga Centre:** It facilitates guidance to students and faculties for meditation and yoga through the short- term course 'Yoga and Meditation.' It also organizes yoga training and relevant activities.

**Botanical Garden:** There is a separate Botanical Garden of 279 sq. areas having several diversified flora.

**Canteen:** Canteen facility is made available for all stakeholders.

**Rooms and Cabins:** There is a separate roomer cabin for each of the following: Principal

1. Principal
2. IQAC
3. Placement/Career Guidance Cell
4. Examination Cell
5. Staffroom with Pantry
6. NSS
7. NCC
8. Sports and Cultural room
9. Health Care Centre
10. Record Room
11. Common Room for Girls
12. Competitive Examination Centre
13. Parent's Lounge
14. Gymkhana
15. Hostels for Girls and Boys

**Hostel:** Total 3 Hostel in Campus area facility available for boys and girls with 231 capacities.

**Additional Facilities:**

1. RAMP facility for Divyangjan
2. Water Purifier
3. Rain Water Harvesting System
4. Sanitary Vending Machine
5. Two-wheeler and Four-wheeler parking
6. Solar Panels



#### 4.1.2

Percentage of expenditure for infrastructure development and augmentation excluding salary during the last five years

: 11.94%

4.1.2.1 Expenditure for infrastructure development and augmentation, excluding salary year wise during last five years (INR in lakhs)

2022-23	2021-22	2020-21	2019-20	2018-19
38.41	19.87	66.94	55.09	21.39

#### 4.2 Library as a Learning Resource

##### 4.2.1

*Library is automated with digital facilities using Integrated Library Management System (ILMS), adequate subscriptions to e-resources and journals are made. The library is optimally used by the faculty and students*

The library is fully automated using software named 'Vridhhi' Version 2.0 build: 266.4, Software Developed & Powered by Vridhhi Software Solutions Pvt. Ltd. The 'Vridhhi' is a web-based, integrated, multi-user, multi-lingual package, which computerizes all the in-house operations of the library. This package is user-friendly.

ILMS can be used remotely through the institutional website for checking the status of a book such as availability, reservation, self-number, accession number, author, title and publisher.

##### *Library Software*

Sr. No	Name of the ILMS software	Nature of Automation	Version
1	Vridhhi	Fully	2.0 build: 266.4

##### **Special Features of ILMS Software:-**

It provides the Web OPAC interface to publish the library catalogue and is UNICODE Complaint, which supports data entry in regional languages. The software facilitates automated circulation (issue-return) of books and speedy access to Bibliographic, Location and Availability information of the books. The accession of books is computerized and the books have barcode stickers. There is one separate computer for library users for the students and teachers to search the book on Web OPAC in the library. The Web OPAC is available on library portal which is accessible from any corner of the world. Users can use QR codes for accessing Web OPAC facility





## Software Modules and work through ILMs

- Cataloguing
- Circulation
- Serial Controls
- Membership
- Reports

**Web OPAC:** This deals with the Catalogue and Search. The Books available in the library can be searched based on bibliographical details such as Title, Author, Subject, Place of Publishing, Publisher, Year of Publishing, Classification Number, ISBN Number, Editor, Translated Books and Document Type. Catalogue with the exact details and the status of the books are present in Library.

## Library Facilities and Services:-

**Providing E-Resources through Dynamic Library Website Open Access of library for all users**

- Book Bank Facility for all
- Interlibrary linkages with other college libraries
- Library has membership with INFLIBNET- N-List for accessing E-books and E-journals. N-List has 3135000+ e-books and 6000+ e- journals. N-List also provides access to *Shodhsindhu and Shodhganga*. This information is restocked every year and as required for providing sufficient learning resources for students. The library has 3 computers connected with LAN network. It has subscribed for print journals of National and International repute. Every year the library has been adding new titles of reputed publishers for references.

## Amount Spent on Purchase of Books, Print Journals, and E- resources

Sr. No.	Year	Amount spent on books	Amount spent on journals	Amount spent in resources
1.	2018-19	253769.00	28275.00	5900/-
2.	2019-20	325254.00	31290.00	
3.	2020-21	409752.00	332710.00	
4.	2021-22	341501.00	33840.00	
5.	2022-23	350068.00	65000.00	

## Usage of Library

Sr. No.	Year	Usage In Percentage
---------	------	---------------------



1	2018-19	5.9
2	2019-20	5
3	2020-21	0.5
4	2021-22	2.3
5	2022-23	8.3

#### 4.3 IT Infrastructure

##### 4.3.1

Institution frequently updates its IT facilities and provides sufficient bandwidth for internet connection

*Describe IT facilities including Wi-Fi with date and nature of updation, available internet bandwidth within a maximum of 500 words*

The Institution regularly updates its IT facilities including Wi-Fi. It has College-Student management system (ETDC) for academic and administrative purpose.

##### **Internet:**

The internet connectivity of Bandwidth 300 Mbps was provided by ONE OTT ENTERTAINMENT LTD that has recently been updated with 300 Mbps Bandwidth provided by BSNL. There is open access of Wi-Fi connectivity available to all students and the staff members.

The internet facility is made available to classrooms, laboratories, office through LAN as well as Wi-Fi Computers:

The computers with internet facilities are provided to the entire department.

**New Computer Purchased:** The institution has updated ICT facilities by purchasing the new version of desktop. The details are shown in the following table:

Year	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
No of Computer	19	00	00	08	36	15

**Computer Laboratory:** The existing computer systems have been upgraded to the new configuration to support the advanced software technologies with UPS and Battery backup facilities; and are protected with anti-virus software.

**Laptops:** The laptop facilities are provided to faculties for enriching the teaching learning process.

**Smart Classrooms:**

Interactive Board - 11

Smart Panel -11



**Examination:**

During the Pandemic period Semester Examinations were conducted through online mode. The institution has purchased examination software from **Bhonsala Military College**, Nashik for conducting the online examination.

**Library:**

The library uses Vriddhi software for generating the ID card of students. This Software is used for housekeeping activities like book issue, book return and book accession process. The library has computer, reprographic facility, printer, display and scanner.

**Office:**

Academic and administrative communications are carried out through emails, ZOOM platform, Google meet, WebEx etc. Account details are kept by using Tally Software. The attendance of the staff is recorded using a Biometric device. The administrative office is provided with software for the admission of students, fee collection, account maintenance and Bulk SMS services.

**Admission Software:**

For admission process institution has purchased Vriddhi ERP Software from Vriddhi Private Limited.

**Website:** <https://bmc.vriddhionline.com/>

Year	Type of Upgradation
Before 2017	Static
2017-18	Dynamic
2020-21	Content Management System

The institution has its registered domain with website. Additional facilities for updating ICT facilities Institution has subscribed the ZOOM platform for conduction of online meetings, webinars, seminars, workshops etc.

**Video Capturing Camera with mike facilities**

The institution has signed AMCs with various service providers for the maintenance of IT facilities. The campus is under 87 CCTV Camera surveillance to ensure security and safety. The institution has purchased LCD projector with screen, colour printer, all in one printer, scanner for effective administration in the office and in the departments.

**4.3.2**

**Student - Computer ratio (Data for the latest completed academic year)**

: 10.16

**4.3.2.1 Number of computers available for students usage during the latest completed academic year:**

: 185

**Criterion 5 - Student Support and Progression**

## 5.1 Student Support

5.1.1 Percentage of students benefited by scholarships and freeships provided by the institution, government and non-government bodies, industries, individuals, philanthropists during the last five years : 22.19%

5.1.1.1 Number of students benefited by scholarships and freeships provided by the institution, Government and non-government bodies, industries, individuals, philanthropists during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
410	338	452	518	420

5.1.2 Following capacity development and skills enhancement activities are organised for improving students' capability

- Soft skills
- Language and communication skills
- Life skills (Yoga, physical fitness, health and hygiene)
- ICT/computing skills

: A. All of the above

5.1.3 Percentage of students benefitted by guidance for competitive examinations and career counseling offered by the Institution during the last five years

: 4.96%

5.1.3.1 Number of students benefitted by guidance for competitive examinations and career counselling offered by the institution year wise during last five years

2022-23	2021-22	2020-21	2019-20	2018-19
73	0	45	270	90

5.1.4 The institution adopts the following for redressal of student grievances including sexual harassment and ragging cases

1. Implementation of guidelines of statutory/regulatory bodies
2. Organisation wide awareness and undertakings on policies with zero tolerance
3. Mechanisms for submission of online/offline students' grievances
4. Timely redressal of the grievances through appropriate committees



C. 2 of the above

## 5.2 Student Progression

### 5.2.1

Percentage of placement of outgoing students and students progressing to higher education during the last five years

: 29.01%

#### 5.2.1.1 Number of outgoing students placed and / or progressed to higher education year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
112	156	173	127	152

#### 5.2.1.2 Number of outgoing students year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
378	643	536	499	426

### 5.2.2

Percentage of students qualifying in state/national/International level examinations during the last five years

: 2.1%

5.2.2.1 Number of students qualifying in state/ national/ international level examinations year wise during last five years (e.g.: IIT/JAM/NET/SLET/GATE/GMAT/GPAT/CLAT/CAT/ GRE/TOEFL/ IELTS/Civil Services/State government examinations etc.)

2022-23	2021-22	2020-21	2019-20	2018-19
03	02	03	21	08

## 5.3 Student Participation and Activities



5.3.1 Number of awards/medals for outstanding performance in sports/ cultural activities at University / state/ national / international level (award for a team event should be counted as one) during the last five years: 55

5.3.1.1 Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one) year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
39	04	02	04	06

5.3.2 Average number of sports and cultural programs in which students of the Institution participated during last five years (organised by the institution/other institutions): 16

5.3.2.1 Number of sports and cultural programs in which students of the Institution participated year wise during last five years

2022-23	2021-22	2020-21	2019-20	2018-19
31	33	02	09	05

#### 5.4 Alumni Engagement

5.4.1 There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services

There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services.

The Institution has registered Alumni Association under Mumbai Public Trust Act 1950(29) at Nashik District office on, 20 Oct 2022, entitled '**Ramdandee Alumni Association, Bhonsala Military College** and registration number is F-0022040 (NSK). The Alumni Association consistently helps the institution in Academic, Administrative and Infrastructural development. During the Alumni meet, alumni discuss present situation, achievements, progress, difficulties and future plans of the institution.

#### Academic contribution:

Alumni play an important role in curricular, co-curricular, extra-curricular and extension activities organized by the institution.

On various occasions alumni are invited as a guest of honor as president, resource person, chairperson by the institution which helps to strengthen the bond among past and present students.



The members of Association have taken initiative in providing employment opportunities for the students through placement drives.

There are 262 alumni, working as faculty members in the institution.

**Administrative contribution:**

Our prominent alumni work as the members of the Managing Council and General Body of parent institutes well as CDC and IQAC members.

They give their contribution in development and execution of strategic and perspective plan through their feedback.

**Contribution in Extension activities:**

The institution being located in slum area, our alumni actively take initiatives in various extension and outreach programs as a social responsibility.

Contribution of alumni in N.S.S. and N.C.C. activities is equally remarkable.

Alumni distributed grocery and essentials among the affected people during COVID-19 Pandemic and Flood situation.

The alumni of the institution are holding prestigious positions in different fields such as government, education, literature, sports, banking, politics, business, media industry, IT, social work, etc.

Alumni from these fields significantly contribute towards the overall development of the institution through their knowledge and expertise.

**Criterion 6 - Governance, Leadership and Management**

**Institutional Vision and Leadership**

The institutional governance and leadership are in accordance with the vision and mission of the Institution and it is visible in various institutional practices such as NEP implementation, sustained institutional growth, decentralization, participation in the institutional governance and in their short term and long term Institutional Perspective Plan.

Our College is a sister institution run by Central Hindu Military Education Society Asia established in 1933. Under the leadership of dedicated and supportive management, the institution functions through a decentralized and participative system of governance. The vision and mission of the institution are engraved deeply due to the able and a futuristic approach of these stalwarts since last 90 years.

**VISION**

The vision of the institution is "Bhonsala Military College" Is A Pioneering Institution Which Promotes Academics With A Perfect Blend Of Military Values In A Caring, Value Based Environment, Which Encourages Students To Be Energetic, Purposeful, Creative, Service Oriented, Responsible, Dignified And Integrated Citizens To Make Notable Contribution To The Armed Forces And Civil Services.



## MISSION

The mission is: With Learning as Its Central Mission, "Bhonsala Military College" Responds to the Needs of Diverse Students' Community by Offering High Quality, Affordable, and Accessible Learning Opportunities for All Round Development of Mental, Physical and Spiritual Faculties through Inculcation of Strong Value System Culminating into National Development.

- The Governing Council is the apex body that plans policies and executes developmental activities of the institution by setting values and participative decision-making process to function in tune with the vision and mission of the institution. The Governing Council delegates authority to the Chairman, Secretary and Principal, Academics and Administration of the Sanstha. The strategy for the effective implementation of the plan and policies is decided by the College Development Committee (CDC) and IQAC of the institution.
- Responsibilities are further delegated to the IQAC Coordinator, Heads of the Department, Chairmen of various Committees/Cells, and Director of Physical Education, Librarian, Office Superintendent and Accountant. The student representation is ensured on various academic and administrative bodies like student council to foster leadership qualities. The institution strives to provide quality education to rural students through decentralized and all-inclusive administration. The IQAC prepares the perspective plan which is in accordance with vision and mission of the institution. The perspective plan focus upon matters like infrastructural development, introduction of new programs, enhancement of quality in teaching-learning process, promotion of research, healthy practices, etc. The plan is approved by College Development Committee. To maintain transparency in the administration, various committees comprise members of teaching and Non-teaching faculty who are actively involved in the curricular and co-curricular activities as well as administrative functions of the Institution. The faculty In-charge and Heads of the Department are in charge to monitor these activities.
- Regarding institutional development, important suggestions are conveyed through regular staff meetings to the Principal and management for necessary action. The parent institute sensitizes the institution's administration regarding its vision and mission through training sessions and meets organized from time to time.
- As per the NAAC recommendations for quality enhancement of the institution, IQAC prepares the institutional strategic plan. Institution has inculcated the skills, national and humanistic values and emotions through curricular, co-curricular and extension activities through various Certificate Courses, Add on Courses, Value Added Courses and Skill Based Courses. Institution runs total 34 different courses.

## 6.2 Strategy Development and Deployment

**6.2.1 The institutional perspective plan is effectively deployed and functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment, service rules, and procedures, etc**

The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment and service rules, procedures, deployment of Institutional Strategic/perspective/development plan etc.





The functioning of the institution is inclusive of all the human resources. The policies and administrative setup are governed and implemented by the parent institute. At the beginning of the academic year, various bodies and committees that constitute the organogram of the institution, chalk out the strategic/perspective/developmental plans and activities which will support the growth and development in these key areas. At the end of the year, a review is taken about implementation and the outcomes of the plans. The Principal, as the head of the Institution coordinates and monitors the academic and administrative functions of the institution.

The institution follows decentralization through various committees/cells for its day to day functioning. In addition to the bodies like CDC, IQAC, ICC there are 50+ other committees at work under broad divisions like Curricular Aspects, Teaching-Learning-Evaluation, Students' Activities, Student Support, Research and Extension, Infrastructure, Governance, etc.

#### **College Development Committee (CDC)**

The CDC is composed as per the rules and regulations of the University Act and it monitors the quality sustenance and enhancement of existing academic, administrative and infrastructural Developmental plans.

#### **Principal**

The Principal monitors execution of the perspective plans of the College and ensures the smooth functioning of academic and administrative work.

#### **Internal Quality Assurance Cell (IQAC)**

IQAC proposes quality benchmarks for various academic and administrative activities and initiates the organization of inter and intra institutional workshops, seminars, and conferences on relevant themes. The proper documentation of the various activities is maintained by the cell.

#### **Vice-principal**

The Vice-principal monitors and directs the academic as well as administrative activities on the campus constituting various committees before the commencement of the year.

#### **Heads of Departments**

The Heads of Departments monitor proper implementation of academic calendar for the scheduled organization of curricular, co-curricular and extra-curricular activities of the departments for the holistic development of the students.

#### **Librarian**

The College Librarian ensures the smooth functioning of the library.

#### **Office Superintendent**

The Office Superintendent supervises the work assigned to the staff working directly under his charge day to day also disposes of the messages received daily in the establishment and keep the record in order.

#### **Appointments and Service Rules**

As per the rules and regulations of UGC, Government of Maharashtra, Savitribai Phule Pune University, Pune and Parent Institution appoint the teaching and non-teaching staff.



### **Procedure for recruitment**

The parent institute appoints the teaching and non-teaching staff as per the rules and regulations of UGC and Government of Maharashtra. The vacancies are reported to the Parent institute, Affiliating University and Government of Maharashtra. After the approval from the University and Government, the advertisement is published in newspapers and on the university website.

The UGC and State Government guidelines regarding the recruitment and service rules are strictly followed by the parent institute.

### **Strategic/Perspective Plan**

The IQAC prepares the Strategic and perspective plan which aligns with the vision and mission of the institution considering feedback from all stakeholders, recommendations by previous NAAC peer team. The plan is approved by CDC, executed accordingly and uploaded on institutional website.

#### **6.2.2 Institution implements e-governance in its operations**

1. Administration
2. Finance and Accounts
3. Student Admission and Support
4. Examination

: A. All of the above

#### **6.3 Faculty Empowerment Strategies**

##### **6.3.1 The institution has performance appraisal system, effective welfare measures for teaching and non-teaching staff and avenues for career development/progression**

*Response:*

The institution has effective welfare measures and Performance Appraisal System for teaching and non-teaching staff

The Institution undertakes several measures to ensure the personal welfare and professional advancement of the teaching and non-teaching staff through Staff Welfare Committee. Some of the schemes for staff welfare are as follows.

##### **State Government**

- GPF, Gratuity, Provident Fund and Defined Contributory Pension Scheme (DCPS now-NPS) and leave encashment are availed by retiring faculty as per Government norms
- Group and individual accidental Insurance Scheme
- Medical leave and Medical Reimbursement
- Maternity and Paternity leave.
- Duty leave, Casual leave and other leaves as per Government rules.
- Provision of compassion to family member in case of unfortunate death for nonteaching staff.



- Revision of Basic Pay periodically in a transparent manner

#### **Savitri Bai Phule Pune University, Pune Welfare Measures Welfare Measures by management**

- Moonje Sahkari Pat Sanstha

#### **Bank of Maharashtra**

- Salary account accidental Insurance Scheme (up to Rs 40 Lakh) Overdraft loan

#### **Institutional Welfare Measures**

- Felicitation of teaching and non - teaching staff for outstanding performance
- Staff Welfare Fund
- Staff Welfare committee organizes expert lectures and Faculty Development Programme Provision of uniforms for non-teaching and support staff Financial help to the family members of the staff affected by serious health problems The institution also offers seed money for projects to inculcate research environment
- Felicitation of staff on the special occasions
- Encourage faculty members to pursue Ph.D. and Non-teaching staff for higher qualification

#### **Performance Based Appraisal System for Teaching and Non-Teaching Staff:**

- Performance Appraisal System is carried out in our institution for Career Advancement Scheme for teachers. The API committee analyses the performance of the teaching staff required for the promotion according to prescribed format of UGC and Savitribai Phule Pune University Pune
- The duly filled API/ASAR forms are scrutinized by the API committee and submitted with the necessary supporting documents to the university. The overall grading is evaluated by the experts appointed by the university on the basis of documents submitted and finally grade is verified.
- The Performance Appraisal of non-teaching staff is evaluated through their 'Confidential Report' prepared by the Head of the Institution, which is sent to our parent institute. On the basis of these reports, the non-teaching staff receives promotions in their service as per the government rules and regulations.

#### **6.3.2**

#### **Percentage of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the last five years**

: 7.28%

#### **6.3.2.1 Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies year wise during the last five years**



2022-23	2021-22	2020-21	2019-20	2018-19
05	05	00	03	09

### 6.3.3

Percentage of teaching and non-teaching staff participating in Faculty development Programmes (FDP), Management Development Programmes (MDPs) professional development /administrative training programs during the last five years

: 3.64%

6.3.3.1 Total number of teaching and non-teaching staff participating in Faculty development Programmes (FDP), Management Development Programmes (MDPs) professional development /administrative training programs during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
01	03	00	04	03

6.3.3.2 Number of non-teaching staff year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
0	0	0	0	0

## 6.4 Financial Management and Resource Mobilization

6.4.1 Institution has strategies for mobilization and optimal utilization of resources and funds from various sources (government/ nongovernment organizations) and it conducts financial audits regularly (internal and external)

Institution has strategies for mobilization and optimal utilization of resources and funds from various sources (government/ nongovernment organizations) and it conducts financial audits regularly (internal and external)

- Institution has a well-defined strategy for the mobilization of funds and optimal utilization of resources. As a socially concerned institution, catering to the needs of various cross-sections of the society, it has a conscious policy of keeping the student fee affordable. We constantly scout for opportunities to receive grants and financial assistance from various Government and Nongovernment Agencies.
- The institution constantly encourages its faculty members to apply for research grants offered by



various funding agencies like DST, UGC etc., through which Rs. 5 lakh has been received. In addition, our parent institute has allocated Rs. 2.75 Crore for Construction of new building which is under construction.

- Recently our college has been received a grant of Rs 5.0 Cr, under PM USHA.

#### **Optimum utilization of financial resources:**

**The following system is adopted by the institution for the optimal utilization of resources:**

- The Budget, Finance and Purchase Committee have been constituted to monitor the optimum utilization of funds for various recurring and non-recurring expenses.
- The committee works on the details and needs of the institution, presents them to the CDC and sends to Parent institute for final approval.
- The Governing Council discusses various options to meet the fund deficit and examines the possibility of increasing cash inflow by curtailing unnecessary expenditures. After the deliberations, the Governing Council tentatively finalizes the cash inflow, outflow, and deficit and budget outlay.
- The available physical infrastructure is optimally utilized beyond regular institution hours; for conducting remedial classes, co-curricular activities/extra-curricular activities. The institutional infrastructure is utilized as an examination center for Government of Maharashtra examinations/University Examinations.
- The institution has an international standard swimming pool where the University, District, State and National level competitions have been organized. The institutional infrastructure is also made available for the social awareness programs as per the demand of the society.
- The Institution conducts internal and external financial audits regularly through the parent Institution. Accounts and Finance officer of the Institute and other staff provide all kinds of supportive documentary evidences of the transactions carried out during the financial year under various budget heads. The senior auditor and his assistants check every financial entry in various books of accounts. After the verification of accounts, the auditor submits the reports to the Principal for the follow up action. The observations and queries, if any noticed by the internal auditor, are sorted out for the necessary updating. As per the norms of Government of Maharashtra Higher and Technical Education Department, the institution conducts its financial audit by Accounts Officer (AO). It is followed by senior auditor, Joint Director Office, Higher Education, Pune Region and final audit is conducted by Accountant General, Mumbai for salary and non-salary grants received from the government.

#### **6.5 Internal Quality Assurance System**

##### **6.5.1**

Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes. It reviews teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals and records the incremental improvement in various activities.

The Internal Quality Assurance Cell (IQAC) of the institutions contributes significantly for institutionalizing the quality assurance by preparing the Perspective/Strategic plans. The IQAC conducts regular meetings and takes feedbacks from stakeholders for planning and implementation of various activities to be conducted during each academic year. It efficiently coordinates and monitors teaching, learning and evaluation process. It also plays an important role in persuading the faculty to attend the FDPs, Orientations, Seminar, conferences, workshops etc. for upgradation of knowledge. Various curricular, co-curricular and extra-curricular activities are conducted in tune with strategic plan.



### 1. Use of ICT in teaching learning and evaluation Process:

- IQAC encourages offline and online teaching learning process (TLP) for students using different pedagogical techniques. During the pandemic situation online TLP was conducted by using online platforms like Zoom, Google Classroom, Google meet, Google forms, advanced software's etc. and also trained faculty members for the same. Workshop on E-content Development and Blended Learning was conducted.
- The faculty has developed e-content material and made it available to students through institutional website. A knowledge bank which constitutes the Video lectures prepared by the faculty members as per the courses taught and availed on the institutional website. The faculty members prepared question banks which are made available for the students on the institutional website. Special sessions were engaged by the teaching staff for Development of Project Based Learning, improvement in creative/critical thinking, presentation skills and communication skills of students.

### Academic review through periodical meetings:

- The IQAC conducts periodical meetings with the departments, Examination Committee, Heads of the departments, and College Development Committee throughout the year. The Faculty in-charge conducts an academic review of all departments based on activities such as Completion of Curriculum, Unit Tests, Assignments, Seminars, Group Discussion, Quiz, and Education and Industrial Tours.
- Important issues are discussed in the IQAC meetings and necessary action is taken accordingly these results into successful review for improvement in teaching and learning process. Through this system of review, the IQAC observes the continuous improvement in teaching-learning process.

### 1. Attainment of POs, PSOs and COs:

- The attainment of POs, PSOs and COs is done through formative and summative methods. Continuous and comprehensive evaluation is done regularly to know the attainment. Internal examinations, Semester wise and Annual Practical Examinations are conducted. The performance of the students in examination is assessed to understand the levels of attainment of POs, PSOs and COs.

### Feedback system:

- The feedback is collected through online process from all the stakeholders. The received feedbacks are scrutinized, analyzed and reports are forwarded towards IQAC for quality enhancement and improvement in various aspects such as curriculum enrichment, infrastructural facilities, augmentation of research facilities which results in student progression and quality research.

### 6.5.2 Quality assurance initiatives of the institution include:

1. Regular meeting of Internal Quality Assurance Cell (IQAC); quality improvement initiatives identified and implemented
2. Academic and Administrative Audit (AAA) and follow-up action taken



3. Collaborative quality initiatives with other institution(s)
4. Participation in NIRF and other recognized rankings
5. Any other quality audit/accreditation recognized by state, national or international agencies such as NAAC, NBA etc.

**Criterion 7 - Institutional Values and Best Practices**

**7.1 Institutional Values and Social Responsibilities**

**7.1.1 Institution has initiated the Gender Audit and measures for the promotion of gender equity during the last five years.**

**Describe the gender equity & sensitization in curricular and co-curricular activities, facilities for women on campus etc., within 500 words**

**Response:**

- Measures initiated by the Institution for the promotion of gender equity and Institutional initiatives to celebrate / organize national and international commemorative days, events and festivals during the last five years
- A vibrant campus environment has been created that allows equal participation of girls and boys in all the activities of the college. Student grievance redressal cell, anti-ragging committee discipline committee looks after the promotion of gender equity.
- Institute provides a comprehensive range of security amenities especially for girls within the premises, through a dedicated team of security personnel. It is a common phenomenon that most of the outstation students enrolling for different courses come out of their homes for the first time in their life. It is therefore of utmost importance for institutions to provide them a comfortable and safe ambience of 'feel at home' within the campus.

**Institution exhibits gender sensitivity through following facilities, arrangements and initiatives:**

**Safety and Security:-**

- Being co-educational Institution, inclusive policy is ensured through student's participation in Co-curricular, Sports and Extension activities.
- Well-trained and vigilant woman warden appointed in the Girl's Hostel.
- Security Guard deployed at main gate and students with valid identity cards allowed into the campus.
- CCTV cameras installed at prominent locations in the campus. Sufficient lighting provided in the campus during night hours.
- Effective working of Internal Complaints Committee (ICC), Anti-Ragging Committee and Discipline Committee to curb indiscipline in the campus.
- Emergency contact numbers displayed at prominent places in the campus. Girl student's participation in activities like Self-defense training program.

**Common Room:**

- Separate hostel facility provided for girls with appropriate security arrangements and Hostel Committee constituted to monitor the same.



- Availability of Common restroom with necessary amenities like Vending Machine, Incinerators etc.

#### **Counselling:**

- Organization of Guidance lectures on vital issues like sexual harassment of women at workplace, Transgender: the need to change the attitude, Constitutional Law for women, Women's Legal Rights, Celebration of International Women's day, special Guidance Session for self-help group.

#### **Other Measures:**

- Gender Awareness campaigns on women safety and gender through Street Plays, Rallies Motivational Talks and Camps.
- The inclusive policy of gender equity promoted through activities like BMI Checking camp, B.P checking camp, Health survey.
- Observing special days like International Women's day, National Girl Child day.

#### **Commemorative Day Celebration:**

- The following National and International Commemorative Days, Events and Festivals are celebrated by the Institution.
- Birth Anniversaries and Death Anniversaries are observed by organizing plethora of events like Rally, Skit Competitions, Rangoli Competition, Essay, Drawing, Handicraft, *Mehndi*, Cooking Competitions, Memorial lectures, Cleanliness drives.
- Days of patriotic importance like Independence Day, Republic Day, and Constitutional Day are celebrated.
- Vijay Divas, Surgical Strike Day are also observed to pay homage to martyrs.
- Gender sensitivity and health awareness are created by Celebration of International Women's Day, Girl Child Day, and International Yoga Day

#### **7.1.2 The Institution has facilities and initiatives for**

1. Alternate sources of energy and energy conservation measures
2. Management of the various types of degradable and non degradable waste
3. Water conservation
4. Green campus initiatives
5. Disabled-friendly, barrier free environment

: A. 4 or All of the above

**7.1.3 Quality audits on environment and energy regularly undertaken by the Institution. The institutional environment and energy initiatives are confirmed through the following**

- Green audit / Environment audit
- Energy audit
- Clean and green campus initiatives
- Beyond the campus environmental promotion activities





**: A. All of the above**

**7.1.4** Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and Sensitization of students and employees to the constitutional obligations: values, rights, duties and responsibilities of citizens (Within 500 words)

The institution provides an inclusive environment for all stakeholders with tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other activities. It also takes extra efforts in inculcating inclusive practices of development with due respect to diversity. We have institutionalized inclusiveness by extending equitable access to education for the students from deprived section of the society through the following means.

**1. Initiatives towards Cultural and Regional Harmony:**

Students from diverse cultural backgrounds are brought together to engage in various activities leading to fostering self-esteem, sense of belonging and respect for diverse cultures.

Role Play activity for enacting roles of prominent social Reformers, regional Educationist.

**Initiatives towards linguistic Harmony:**

- India being multilingual society, the tolerance for linguistic diversity is addressed through various activities like:
- Celebration of *Hindi Divas, Marathi Rajbhasha Din Marathi Pandhrawda.*
- Organization of webinars, conferences in the indigenous Languages *vise* Hindi, Marathi and English.

**Initiatives towards Communal and Socio-Economic Harmony:**

The students are sensitized towards socio- economic differences through the following activities conducted by Institution, NCC, and NSS unit.

**Activities: Awareness about values, rights, duties and responsibilities of citizens**

- Blood Donation Camp
- Free Health Check-up Camp
- AIDS Awareness Rally
- IT Awareness Programme for school students.
- Anti-Addiction Programme like (Promoting Health Awareness) Free Co-vid Vaccination Campaign

**Constitutional Obligations:**

- Awareness about Constitutional Obligations is created through Add- on Course in Panchayat Raj and the following activities.
- Voting Awareness Rally
- Demonstration of Sweep Voting Machine
- Constitutional Day Online Quiz
- Constitutional Awareness programme



- Online Poster Exhibition on Preamble of India

#### **Code of Conduct:**

The statutory committees like Anti-Ragging, Discipline, Internal Complaints Committee effectively works to formulate the policy to investigate and review complaints or grievances of students and faculties

#### **Awareness Activities: (Code of Conduct)**

- Anti- Ragging Rally
- Expert Lecture on Consumer Act
- Lecture on Code of Conduct for staff members
- Workshop on IPR, Patent Filing :Copy rights and Trade Marks

### **7.2 Best Practices**

**7.2.1** Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual

#### **1) Best Practice**

**TITLE OF BEST PRACTICE** Mentorship Program - A Career Development Programme for weaker students of all Streams.

**OBJECTIVES OF THE PRACTICE** - 1) To conduct the mentorship Programme for weaker students of all Streams for their Career development. 2) To evaluate the effectiveness of the student's formally and informally 3) the main object of this investigation was to explore the programmes effectiveness as a career intervention, including its acceptability, feasibility, outcome, strength and limitations.

**THE CONTEXT** - 1) The purpose of the Study is to develop career skills of Professional students through student's mentees - alumni mentoring programs. 2) In mentoring programme students develop and learn through discussion

**THE PRACTICE** - 1) Effective mentoring should incorporate the principles in the design of the mentoring program like intentional, inclusive, relational and holistic.

**EVIDENCE OF SUCCESS** - There is one very important requirement for all mentoring programs—the ability to measure its success. If you can't prove the program is succeeding, there's a risk that the program may be shut down by management or that participants will lose interest. Establishing your metrics for success is essential. These metrics for success should be decided on and tracked from the onset of the program. What you need as a program manager is a measurement and evaluation process. 1) should be built into the program design from the beginning. 2) Should be based on the goals of the program. 3) Should provide actionable insight into mentor-mentee relationships.

#### **PROBLEMS ENCOUNTERED AND RESOURCES REQUIRED -**

1) Meeting schedule are postponed Excessive time and energy commitments 3) Unrealistic expectations and assumptions 4) overloading the mentee with information and expecting the mentee 5) over - dependence on the mentee or mentor

the mentee with information and expecting the mentee 5) Over - dependence on the mentee or mentor



## 2) Best Practice

TITLE OF BEST PRACTICE:

### Rank Distribution to Boarder Students

OBJECTIVE OF THE PRACTICE -

Analysis the students Physically, Mentally and Academically in Rank selection

To take the test while selecting the Rank 3) To identify the Documentation is suitable for the Rank or not.

**THE CONTEXT** - This rank selection explore the students Skills, motivation, engagement and achievement of boarder students 2) Indeed investigating boarder students effectively involved in all the activities

**THE PRACTICE** -

- 1) To provide self-defence training and certification to the every Boarder students.
- 2) maintain the mentally, physically training to check their strength.
- 3) Practice for March pass

**EVIDENCE OF SUCCESS** -

- 1) Declared the First second and third rank through overall process 2) Ranks is like Pilot officer, sub lieutenant, captain etc.

**PROBLEM ENCOUNTER AND RESOURCE REQUIRED**

- 1) Lack of confidence among the Boarder students when provided physical training 2) Lack of time management while selecting for the Rank. Rank Distribution to Boarder Students

### 7.3 Institutional Distinctiveness

#### 7.3.1 Portray the performance of the Institution in one area distinctive to its priority and thrust within 1000 words

Bhonsala Military College is a unique institution that offers preparatory Military training to its students along with regular academics. Military training is offered in the following manner

#### 1) Military Training for Boarders

Boarders are provided with military training which includes parade, drill, gymnastics, horse riding, rifle shooting, self-defence etc. Further students are also provided coaching to appear for competitive examinations like NDA , CDS

#### 2) Ramdandee Military Training (RMTC)

RMTC is offered to the day scholars. The training content includes parade, drill, horse riding, self-defence, rifle shooting etc. RMTC

#### 3) Summer Military Training Course (SMTc)



SMTC is a vacation course that is usually conducted by the college every year during the months of April – May. The SMTC has been designed by specifically keeping the empowerment of a girl child in mind. Girls between in the age group 15-21 years are eligible for the course. The objectives of SMTC are-

1. Shape the overall personality of the participant
2. Sow the seeds of confidence and courage
3. Build resilience and make them self-reliant
4. Ignite their fire of creativity
5. Instill the spirit of team work and camaraderie

The contents of the course include- Horse Riding, Physical Training, Yoga, Gymnastic, Firing, Motivational Lecture, Drill, Cultural Programme, Swimming, Entertainment / Movies

### **Personality Development Course (PDC)**

The PDC is also a vacation course with similar course content to that of the SMTC. Girl child in the age group of 12-15 years of age are eligible for the course

### **Coaching for NDA / CDS**

Boarder students are provided special coaching to prepare for competitive exams like NDA and CDS.

### **Emphasis on Defence and Strategic Studies**

The college offers U.G and P.G degrees in Defence and Strategic Studies. Bhonsala is one of the few colleges in the country that offers specialization in Defence and strategic studies. The Department of Defence and Strategic Studies has in the past organized various seminars and conference on National Security and related themes

## **5. CONCLUSION**

### **Additional Information:**

Bhonsala Military College is one of the distinguished institutes in Military Training across the state. The defense university has been proposed. Research chairs have been established in the college to promote research in defense studies. The government of India and The government of Maharashtra is approved defense hub establishment in Nashik city therefore the college will create and nurture leverage with all such institutes where defense research and development is undertaken. The college is taking efforts to setup a platform for Indian Knowledge System. Modi Lippi Course, Vaidik Math's, Sanskrit Language Certificate Courses, Marathi Language awareness Programmes are conducted in the college. The college as a response to the government initiatives, a skill development center has been established and two skill based courses are announced from the academic year 2023-24. The college has proposed three new courses (M.Sc. Chemistry, BCS and BCA) from this academic year 2023-24. The college is trying to rejuvenate its research centers by strengthening and promoting research initiatives among the teachers and students. The research policy has been prepared where seed money is budgeted to improve the quantity and quality of research in the institute. The college has renovated the building by spending the funds from its parent body Central Hindu Military Education Society. The College always strives to procure technological apparatus to its students by facilitating corporate social responsibility Funds. In such attempts the college has made 11 smart boards available to incorporate ICT



enabled teaching learning methods. The college will soon adopt NEP guidelines to facilitate its students in a more sound way. The college is trying to adopting all the quality measures to increase quality of teaching learning process. Continuous follow up has been done by the college to avail state of the art facility of e Samarth Suite ERP from the Ministry of Education. Recently the college has been sanctioned a grant of Rs. 5.0 Cr under PM USHA.

**Concluding Remarks :**

The college has started three new certificate diploma courses in the assessment period.

Well-furnished language lab establishment is in progress.

A complete automation has been done in the library and it will be done under new ERP Samarth Suite. A new separate library building for reading room and NRC has been proposed under the PM USHA grants.

As per the need of the workload the management has approved around 45 teachers every year from its own Funds. The teachers are motivated to undertake minor and Major research projects and as a result two projects has been undertaken by the teachers in the assessment period. The teachers have published around 45 ISBN books and more than 100 research articles in peer reviewed journals.

The labs are renovated and new equipment purchase is proposed for Chemistry and Physics Lab. of the students.

Cell for Competitive exam has been set up and frequent lectures of eminent personalities are organised to guide the students rto go for competitive exams.

IQAC has been streamlined to take quality measures by organising number of teacher training programmes.

A separate health centre has been established in the college to facilitate medical needs of the students. The college is trying adopting autonomy in near future to be a cluster university





## ACADEMIC AND ADMINSTRATIVE AUDIT

### Recommendations

The external peer Academic and Administrative Audit committee scrutinized Bhonsala Military College for the year 2018-19 to 2022-23 on 23/08/2023 and made the following remarks.


1. Increase student strength.
2. Set up a health center.
3. Establish a language lab.
4. Increase the capacity of Library reading room.
5. Increase conduction of workshops, seminar symposiums.
6. Increase patent registrations.

  
Dr. P.V. Rasal

Principal, M.V.P. Samaj's GMD Arts BW Commerce and Science College Sinnar  
(Chairman, external peer AAA committee)

  
Dr. D.T. Dhage, Vice Principal

K.K.Wagh Arts, Science and Commerce College, Pimpalgaon (Baswant), Nashik.  
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Dr. J. B. Solanke

Late Bindu Ramrao Deshmukh Arts & Commerce Mahila Mahavidyalaya,  
Nashik Road  
(Member, external peer AAA committee)



CENTRAL HINDU MILITARY EDUCATION SOCIETY'S  
**BHONSALA MILITARY COLLEGE**

**NAAC Reaccredited 3<sup>rd</sup> Cycle 'A' Grade**

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IDENTIFICATION NO. PU/NS/ASC/031/1986 College Code:-188 Maharashtra State Board: J.13.17.021



# GENDER AUDIT REPORT

## 2017-18 to 2022-23

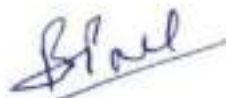
Prepared by  
**Internal Quality Assurance Cell**



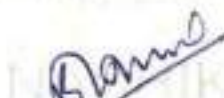
## PREFACE

“Gender equality, equality between men and women...does not mean that women and men have to become the same, but that their rights, responsibilities and opportunities will not depend on whether they were born male or female. Gender equity means fairness of treatment for men and women according to their respective needs. This may include equal treatment or treatment that is different but which is considered equivalent in terms of rights, benefits, obligations, and opportunities.”—United Nations Educational, Scientific and Cultural Organization (UNESDOC)

Gender Equality is a global issue, and discussions on women’s emancipation and her rights are at the forefront of many worldwide formal and informal campaigns. As the awareness of gender issues increases, women spontaneously take action against women’s oppression and exploitation. Gender awareness allows women to move beyond other conventional gender stereotypes and rigid gender role definitions. The gender audit was conducted to identify ways to make college campus safer for women. The audit process involved choosing the sites to be audited, selecting the participants, orientation to the participants, preparing the checklist and the walk –about. Our College appointed external peer team to conduct the gender audit. The external peer team after verification of findings will discuss the results with the IQAC Core committee members and principal of the college for implementation of the recommendations.



Dr. R.P.Patil  
Member, IQAC



Dr. Bharat Gugane  
Coordinator, IQAC



Dr. Dinesh Naik  
Principal





## **Introduction to the Institution**

In the year 1986, the Bhonsala Military College came into existence. It is privately supported and partially residential co-educational institute. The primary objective of the institute is to provide for and otherwise promote education and research in the fields of Science, Humanities, Commerce, and Defence and Strategic Studies. It is, thus, in pursuance to these objectives that we strive to collate and disseminate in this field effective ideas, methods, techniques and information as is likely to promote security of India and train young men and women able and eager to create and put into action such ideas, methods, techniques and information. This college, which started with only the Science faculty in the senior division, further established the Arts and the Commerce faculty in the due course. Over the course of time the college further developed several flexible educational programmes in line with the market demands. Our inspiration: The temple of our propitious deity, Lord Rama, in martial regalia, is the Central beauty spot of Ramabhoomi. This temple houses Lord Rama, the bachelor, symbolizing special affinity to the students, referred to as the Ramandees, those following the path of Rama, the shishya. The temple with its spiraling tower and peaceful aura is a favourite haunt of the residents and the general public alike. Summer and winter military training programs are run for both boys and girls and they have earned accolades from all strata of society. Each year, the response to these courses is tremendous. Ramdandee Military Training Course has been started for the students of Junior college and BBA from 2008 and hundreds of students are being benefited. Thus, apart from the regular academic, co-curricular and extra-curricular activities, many other innovative programs have been started by all the institutes run by the society.

### **Central Hindu Military Education Society: A Body Devoted To Promoting Education**

Our founder Dr. B. S. Moonje made an epoch-making contribution in founding the Central Hindu Military Education Society, our parent body, in the year 1935. He was, then, fired by the desire of Indianization of forces. He was a firm believer in the adage 'MIGHT IS RIGHT'. He knew that the right path to independence of India was by empowering its youth in mind and body. Thus came into being the Bhonsala Military School, in the year 1937. The society has a long tradition of past students who joined the Armed Forces, or have rendered commendable service to the society in such diverse fields as politics, civil services, and social service. The society has been fortunate in having at the helm such pioneers as Late Shri Bhavanishankar Niyogi and Late Gen. (Retd.) G.G. Bewoor. After independence, a new objective was added to the existing one. It was now imperative to preserve the hard-earned independence; to uphold the integrity and sovereignty of India. Men and women were to be encouraged to actively participate in the Armed forces and civil services. Together with Bhonsala Military School, we too offer preparatory military training to desirous young men and women. Our motto is 'a sound mind



in a strong body'. We have slowly and steadily evolved a formidable system, which in days to come will be a leader for institutions which offer military training, like IMA, Dehradun, and NDA. The CHME Society is committed to promote education and runs a number of institutes as follows:

Bhonsala Military College, Nashik  
Bhonsala Military School, Nashik  
Bhonsala Military School, Girls Nashik  
Bhonsala Military School, Nagpur  
Dr. Moonje Institute of management, Nashik  
Vidya Prabodhini Prashala, Nashik  
Shishu Vihar, Nashik Balak Mandir, Nashik  
Shishu Ranjan, Nashik  
Vidya Prabodhini Prashala, CBSE  
Nashik Vidya Prabodhini Prashala, State Board, Nashik  
Bhonsala Adventure Foundation, Nashik  
Bhonsala Career Academy, Nashik

### **Gender Policy**

- The institution shall provide equal opportunity for all genders.
- Freedom for all genders to express of free and fair opinion
- There shall not be any kind of discrimination on the basis of Gender
- The institute shall arrange effective measures for the safety and security of all genders

### **Objectives of Gender Audit**

**The Gender Audit has the following objectives:**

- To know about the gender balance in the institution
- To know about gender perception in the Campus
- To Foster gender equality in all aspects of college community.
- To establish good gender balance in decision-making processes in all areas of the college activities.
- To suggest measures for bridging the gender gap.
- To see the work and capacity for prevention of sexual harassment at the college

### **Gender Sensitive Features**

The college is a co-education institute having 43.57% girl students. The college is sensitive towards gender equality of its students and always tries to make different facilities available for them. Concerns regarding security and safety are addressed by the college through different means.

An Audit of gender sensitive features in the Institution yielded the following notable points. The following features were found present.



## 1. Safety and Security

- College is under CCTV surveillance.
- I-cards are checked at the entrance and random checking is done by discipline committee.
- N.S.S unit organizes HB check-up camp for Girl students & Female Staff

2. **Counseling Cell:** The Counseling cell addresses the problems related to physiological, emotional, social and Family issues, stress related to study and phobia etc. Our college counseling cell works under the guidance of the Head, Department of Psychology. These services are freely available to the students.

3. **Staff and Teachers:** Non-teaching staff help students and create healthy relations with students by providing counseling regarding their queries of admissions, scholarship etc. Teachers provide career and personal counseling to perform students better in their career as well as academics. Special attention is given to the girl students as large number of student are from rural and semi urban background. In case of major issues staff and teacher refer the student to the counseling cell.

## 4. Common Room

- College has provided a ladies room.
- Sanitary pad vending machine has been installed in the ladies room.
- Basic sanitation facility in the form of separate toilet blocks.
- Restroom is provided in case of emergency which is well equipped with a bed and first aid box etc.

5. **Cycle stand** -Separate spacious and secure cycle stand for girl students.

6. **Grievance Redressed Committee:** College has a functioning GRC for the students to approach with their grievances related to academics and support services.

7. **Sexual Harassment Cell:** We have a Sexual harassment Cell where students can approach for redressal of sexual harassment of any kind. College has a 'zero tolerance for sexual harassment' policy which is communicated to the students through orientation and other related programmes. This committee has two female members who are advocates and also actively associated with local NGOs. Regular meetings are held and awareness programmes are conducted for the students.

8. **Anti-Ragging Committee and Discipline Committee-** Students are taken care of in college so that they do not face any difficulties while pursuing higher education. The college has set up an anti-ragging and disciplinary committee to raise awareness about ragging, its effects on the victim and punishment for the act of ragging.



Discipline is maintained in the college through these committees.

9. **Students' Development Committees:** Under the Board of Students Development various programmes are arranged regarding Personality Development, 'Nirbhay Kanya Abhiyan', Disaster management workshop, Bird watching workshops etc.
10. **Basic sanitation facility:** Sanitation systems aim to protect human health by providing a clean environment that will stop the transmission of disease, especially through the fecal–oral route. We have a separate toilet blocks for male and female students. In addition to that, each science laboratory also has the facility.
11. **Interaction measures for female staff**

The ladies staff runs two whats app groups namely Bhonsala College from 2015 & Bhonsala Madams from 2023. The objective of the first group is to interact spend virtual quality time and share experiences. The other group concentrates more on academic and creative aspects of the members. These groups help in creating sense of belonging in members and also help in being with touch .

### **Gender Balance within the Institution**

Gender balance means the existence of a fair ratio of male and female representation within the institution in terms of number of students in the various programmes as well as within the staff structure.

#### **Earn and learn Scheme**

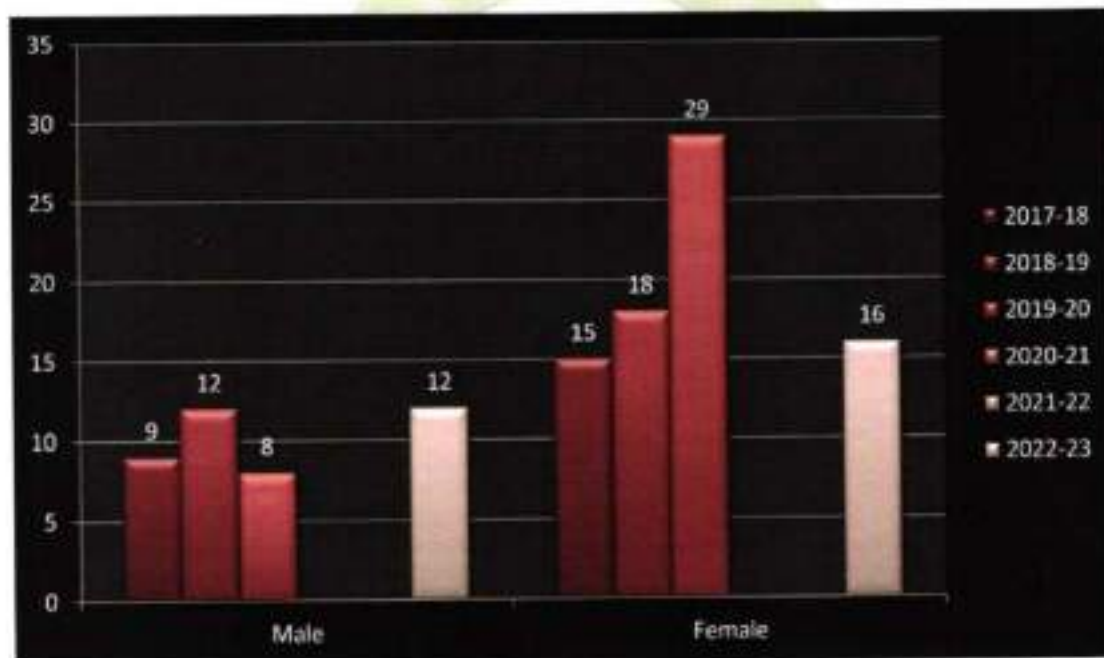
The scheme is aimed at providing financial assistance to poor and marginalized students in the college. It inculcates work culture in the students with right aptitude. This scheme is flexible to give work to those who demand it. This is vision of keeping our youth gainfully employed as well as to contribute for society. This will make higher education accessible and available to the poor and marginalized students.



**Table No. - 1 Gender wise Details of total students in Earn and learn Scheme**

Sr. No.	Year	Male	Female	Total	M%	F %
1	2017-18	09	15	24	37.5%	62.5%
2	2018-19	12	18	30	40%	60%
3	2019-20	08	29	37	21.62%	78.38%
4	2020-21	<b>Corona Period</b>				
5	2021-22	<b>Corona Period</b>				
6	2022-23	12	16	28	42.86%	57.14%

The table shows year wise gender classifications of students participated in Earn and learn Scheme. Out of the total admitted students female students are more as compared to male students.



**Figure 1: Gender wise Details of total students in Earn and learn Scheme**



**Table No. - 2 Activities in the College in Academic year - 2017-2018**

Title of the Activity	Period (from-to)	Participants	
		Male	Female
International Yoga day	21 June 2017	60	75
Annual social gathering	10 July 2017	270	180
Nirbhay Kanya Abhiyan- Lectures on self defense, meditation, diet and health.	23 Sep. 2017	68	53
NSS Camp , Cleaning Drive-	10 Dec. 2017	38	37
Nirmal Wari	11 Jan 2018 To 12 Jan 2018	27	24
Promoting English Conversation Among Students	13 <sup>th</sup> Jan to 18 Jan 2018	25	15



**Table No. - 3 Activities in the college in academic year - 2018-2019**

Title of the Activity	Period (from-to)	Participants	
		Male	Female
International Yoga day	21 June 2018	80	67
Intercollegiate youth festival	15 October 2018	75	88
Voter Awareness campaign	15 Nov. 2018 To 5 Jan. 2019	35	45
Annual social gathering	15 Dec. 2018 To 25 Jan. 2019	186	252
NSS Camp , Cleaning Drive-	26 Dec.2018 To 01 Jan 2019	37	37
Developing Scientific Point Of View	11 <sup>th</sup> July 2018	25	15
Pardah State of Women in Modern World	18 July 18	31	20
Job Skills	25 <sup>th</sup> July 18	15	13
Introducing Oneself	24 July 2018	59	40
Knowing Oneself	1 Aug 18	40	36
How to recite a poem	14 Aug 18	10	5
Introducing others	21 <sup>st</sup> Aug 2018	25	13
Nature our Friend, Philosopher & Guide	29 <sup>th</sup> Aug 2018	56	46
Audio Visual Session	31 Aug 2018	80	56
Opening Conversation	5 <sup>th</sup> Sep 2018	40	10
Introducing Oneself	22 sep 2018	38	36
How to overcome Stage Phobia	24 Sep 2018	44	36
English Conversation among Staff	14 Nov to 29 Dec18		30
Activity Based on Effective Communication	21-Dec 2018	48	25
Mentoring the Mentors	5 <sup>th</sup> March 2019		25
PPT on Aspire to join Armed forces.	4 to 6 Feb 2019	100	42
E.M.P.A.T.H.Y	4 <sup>th</sup> Jan 2019	31	30
Being Successful	12 jan 2019	100	82
Cultural Program	17 to 22 Jan 19		11
Hindi Saptah	7 sep to 14 sep 19	60	40
Athithi Vykhyan	Sep 2019	40	45

**Table No. - 4. Activities in the college in academic year - 2019-2020**

Title of the Activity	Period (from-to)	Participants	
		Male	Female
Lecture on how to improve English proficiency	04 Feb 2019 To 06 Feb 2019	30	40
International Yoga day	21 June 2019	67	70
Voter Awareness campaign	17 Dec. 2019 To 10 Jan. 2020	45	38
Annual social gathering	10 Dec.2019 To 5 Jan.2020	175	285
Nirbhay Kanya Abhiyan- Lectures on Girls Health , Diet and Health, Personality Development	25 Sep. 2019	85	90
NSS Camp , Cleaning Drive-	02.Jan 2020 To 08 Jan 2020	40	35
Mentoring	05 March 2019	--	40
Tips to Improve English	19 Sep 2019	--	30
Basic Conversation	25 <sup>th</sup> Sep 2019	25	35
Role of Communication in the Development of a Teacher	14 sep 2019	35	15
Promoting Conversation among Teaching Non Teaching Staff	14 Nov 2019	25	15
SSB Coaching for NCC	10 Aug 19 to 5 Aug 19	46	33
Speak to Earn	9 <sup>th</sup> Feb 2020	20	14
Audio Video Session	1 <sup>st</sup> Aug 2019	21	35
Speak With Confidence for Students and Mothers	28 Jan to 7 Feb 20	51	20
Cultural Program	18 to 22 Jan 20	18	13
Hindi Saptah	7 to 14 Sep 2019	40	46





**Table No. - 5. Activities in the college in academic year - 2020-2021**

Title of the Activity	Period (from-to)	Participants	
		Male	Female
International Yoga day	21 June 2020	74	39
Voter Awareness campaign	25 Jan 2021	40	45
Annual social gathering	17 Jan 2021 To 22 Jan 2021	12	19
NSS Camp , Cleaning Drive-	05 April 2020 To 11 April 2020	43	32
Vishwa Hindi Diwas	10 Jan 21	25	45
Atithi Vyakhyan	12 Sep 2020	42	46
Hindi Saptah	7 to 14 Sep 2020	45	55

Table No. -6. Activities in the college in academic year - 2021-2022

Title of the Activity	Period (from-to)	Participants	
		Male	Female
International Yoga day	21 June 2020	69	41
Voter Awareness campaign	25 Jan 2021	16	13
Annual social gathering	17 Jan 2021 To 22 Jan 2021	19	17
NSS Camp , Cleaning Drive-	05 April 2021 To 11 April 2021	43	32
Women's Day/ H.B Check up	8 March 2022		113
Selfie with Slogan	Sep 22		13
Blood Donation Video	Sep 22		11
'नभोवाणी साठी भाषणाची संहिता लेखन'	18 Feb 2022		4
मराठी भाषा संवर्धन पंघरबडा	दिनांक २८ फेब्रुवारी २०२२		114



**Table No. - 7 Activities in the college in academic year - 2022-2023**

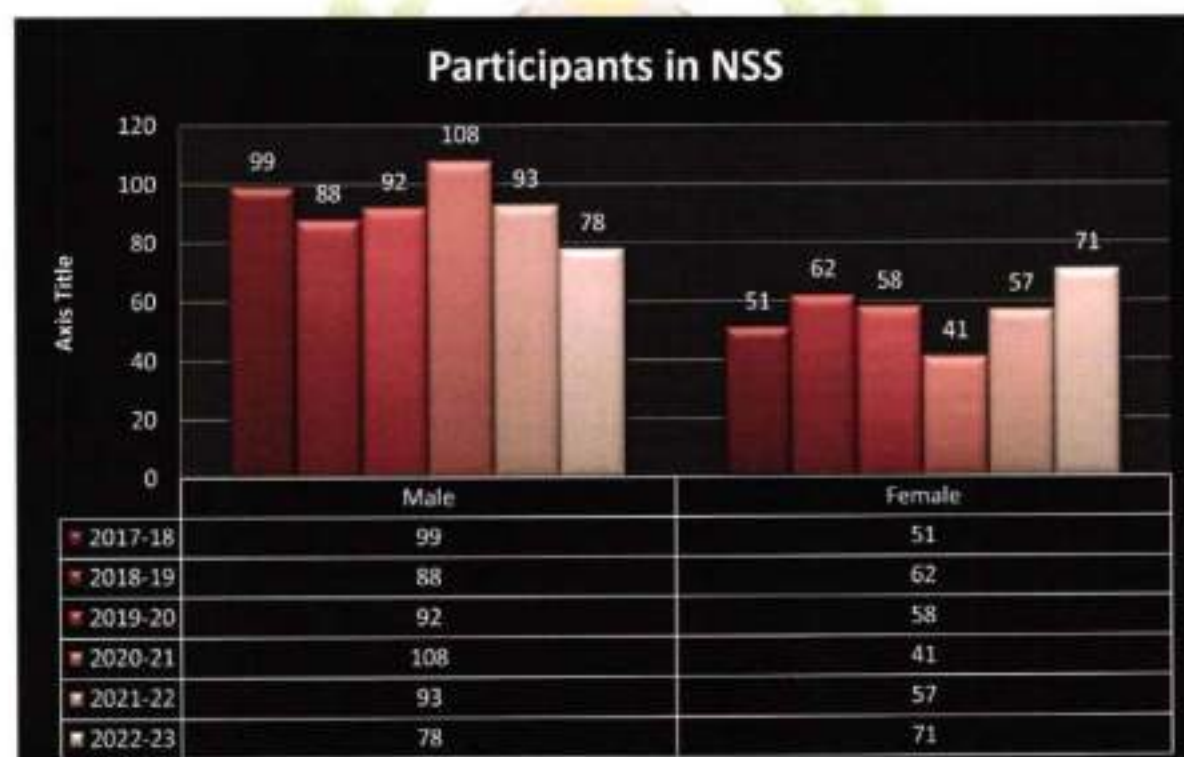
Title of the Activity	Period (from-to)	Participants	
		Male	Female
International Yoga day	21 June 2021	82	49
Voter Awareness campaign	25 Jan 2021	40	45
Annual social gathering	17 Jan 2021 To 22 Jan 2021	12	13
English Ticket to Success	3 Nov 22to 10 Nov 22	46	37
NSS Camp	09 Jan 2023 To 15 Jan 2023	40	35
Lets overcome the Phobia to Speak in English	9 May to 14 May 22	25	15
Role of English in Successful Career	6 <sup>th</sup> May 2022	100	48
Guest Lecture by Pandit Nirmal	21 Feb 2022	60	25
Induction Program FYBA	27 Dec 2021	32	20
Mentoring The Mentor	22 April 2023	20	26

## Gender Balance among the Students in NSS

Institute has an NSS unit which helps the students for the personality development through social service & to undertake various projects to solve social problems. The NSS contributes alot for total development of personality.

**Table No. -8 Gender wise Details of total Participants in NSS**

Sr No.	Year	Male	Female	Total	M%	F%
1	2017-18	99	51	150	66 %	34%
2	2018-19	88	62	150	58.66 %	41.33%
3	2019-20	92	58	150	61.3%	38.66%
4	2020-21	108	41	149	72.48%	27.51%
5	2021-22	93	57	150	62%	38.00%
6	2022-23	78	71	149	52.34%	47.65%



**Figure 2**

The number of students is fixed i.e. 150 for each year. The selection of NSS volunteers are on the Basis of their attitude towards selfless service to societal actions and also the ability to work in Group is also considered. It's a matter of pride to see girls always excel in these activities. Out of The total admitted students female students are well in numbers. There has been a steady rise in the percentage of female students from 34% to 47.65% in the academic year-2022-23

## Gender Balance among the Students in NCC

Institute has an NCC which develops the leadership qualities, comradeship, spirit of sportsmanship & the importance of service. This unit is actively engaged in creating force of disciplined man power for nation. It provides training for students with a view of development of leadership quality and enables them to obtain commission in the armed forces.

**Table No. -9 Gender wise Details of total Participants in NCC**

Sr. No.	Year	Male	Female	Total	M%	F %
1	2017-18	201	179	380	52.89	47.10
2	2018-19	201	179	380	52.89	47.10
3	2019-20	201	179	380	52.89	47.10
4	2020-21	201	179	380	52.89	47.10
5	2021-22	201	179	380	52.89	47.10
6	2022-23	201	179	380	52.89	47.10

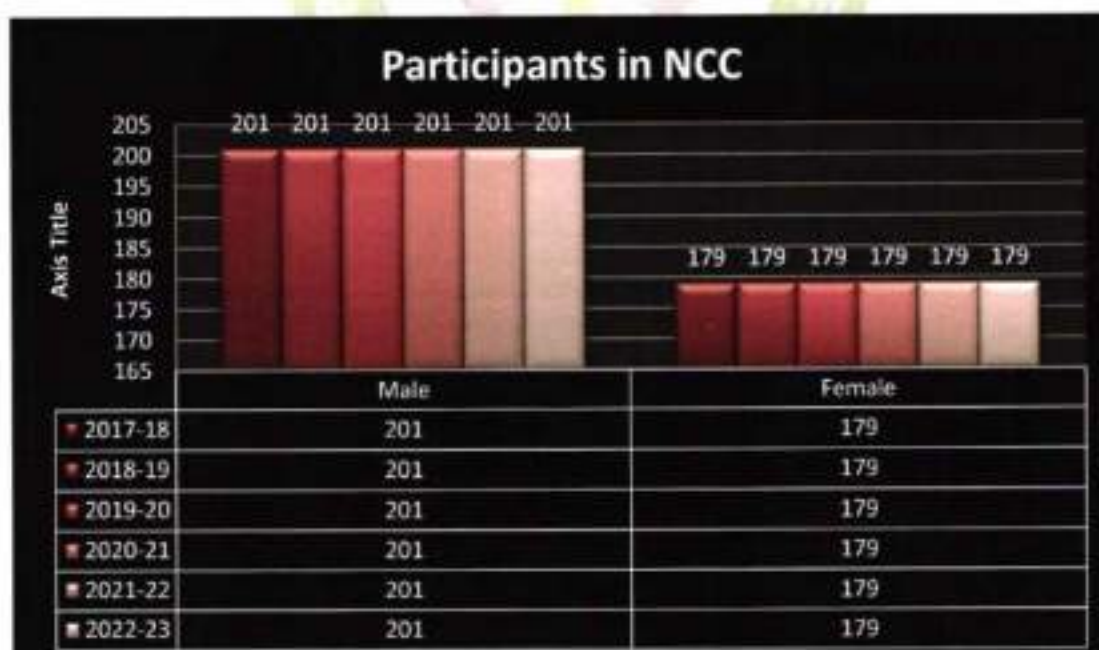


Figure 3

The strength of NCC is 380 each year.



**Table No. -10 Gender wise Details of total Participants in College Sports**

Sr.	Year	Inter faculty			Inter collegiate			Inter group			Inter University			All India		
		M	F	TO.	M	F	TO.	M	F	TO.	M	F	TO.	M	F	TO.
1.	2017-18	65	47	112	44	28	72	18	12	30	08	06	14	05	06	11
2.	2018-19	79	61	140	64	43	107	32	22	54	11	07	18	04	05	09
3.	2019-20	83	54	137	73	46	119	28	16	44	14	08	22	10	05	15
4	2020-21	44	32	76	-----Corona Period-----											
5	2021-22	92	78	170	82	51	133	34	18	52	16	09	25	09	06	15
6	2022-23	97	75	175	79	45	124	25	14	39	13	05	18	06	04	10

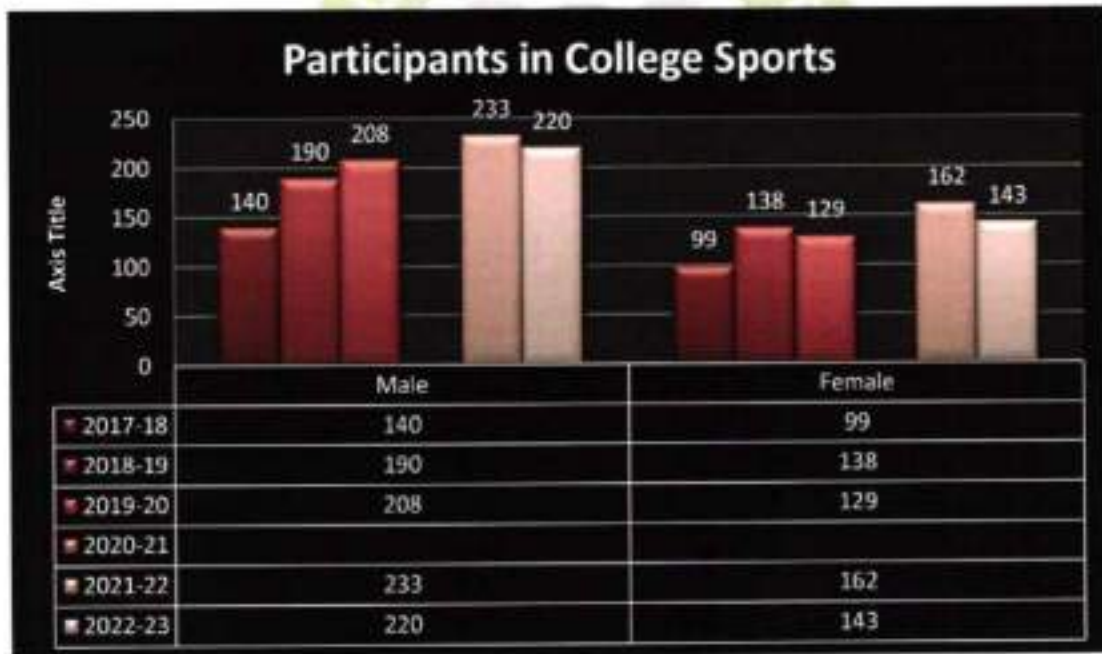


Figure 4

All the sports events are male dominating.



## Gender Balance among the Students

**Table No. -11 Faculty wise enrolment of students -2017-18 to 2020-21**

S.N.	Year	Faculty	Male	Female	Total	Male %	Female%
01	2017-18	Arts	290	235	525	55.24	44.76
		Commerce	402	408	810	49.63	50.37
		Science	223	133	356	62.64	37.36
02	2018-19	Arts	263	215	478	55.02	44.98
		Commerce	407	420	827	49.21	50.79
		Science	274	145	419	65.39	34.61
03	2019-20	Arts	321	227	548	58.58	41.42
		Commerce	447	429	876	51.03	48.97
		Science	274	174	448	61.16	38.84
04	2020-21	Arts	372	278	650	57.23	42.77
		Commerce	518	437	955	54.24	45.76
		Science	302	173	475	63.58	36.42
05	2021-22	Arts	381	278	659	57.81	42.19
		Commerce	493	419	912	54.06	45.94
		Science	328	176	504	65.08	34.92
06	2022-23	Arts	303	263	566	53.53	46.47
		Commerce	476	368	844	56.40	43.60
		Science	274	182	456	60.09	39.91

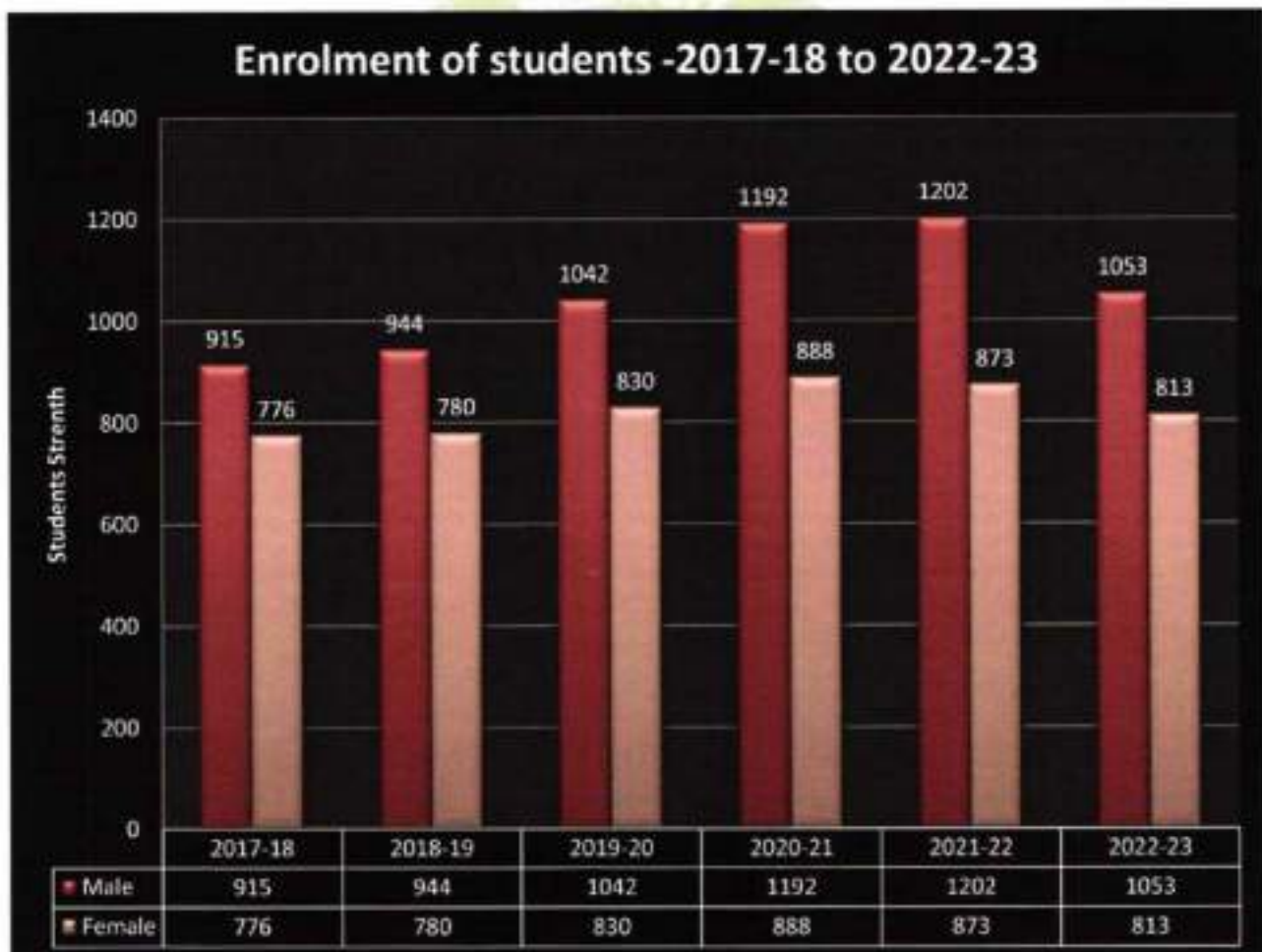


Figure 5



**Table No. - 12 Academic Year wise enrolment of students -2017-18 to 2022-23**

Sr. No.	Year	Male	Female	Total	M%	F %
1	2017-18	915	776	1691	54.11	45.89
2	2018-19	944	780	1724	54.76	45.24
3	2019-20	1042	830	1872	55.66	44.34
4	2020-21	1192	888	2080	57.31	42.69
5	2021-22	1202	873	2075	57.93	42.07
6	2022-23	1053	813	1866	56.43	43.57



**Figure 6**

The above figures indicate the rise in the progression of female students in higher education that has presently near about 50% which projects gender inclusion in higher education and the positive role of the college within the region. Out of the total admitted students female students are well in numbers.





**Table No. – 13 Academic Year wise enrolment of students -2017-18 to 2022-23**

Sr. No.	Year	Male	Female	Total	M%	F %
1	2017-18	915	776	1691	54.11	45.89
2	2018-19	944	780	1724	54.76	45.24
3	2019-20	1042	830	1872	55.66	44.34
4	2020-21	1192	888	2080	57.31	42.69
5	2021-22	1202	873	2075	57.93	42.07
6	2022-23	1053	813	1866	56.43	43.57

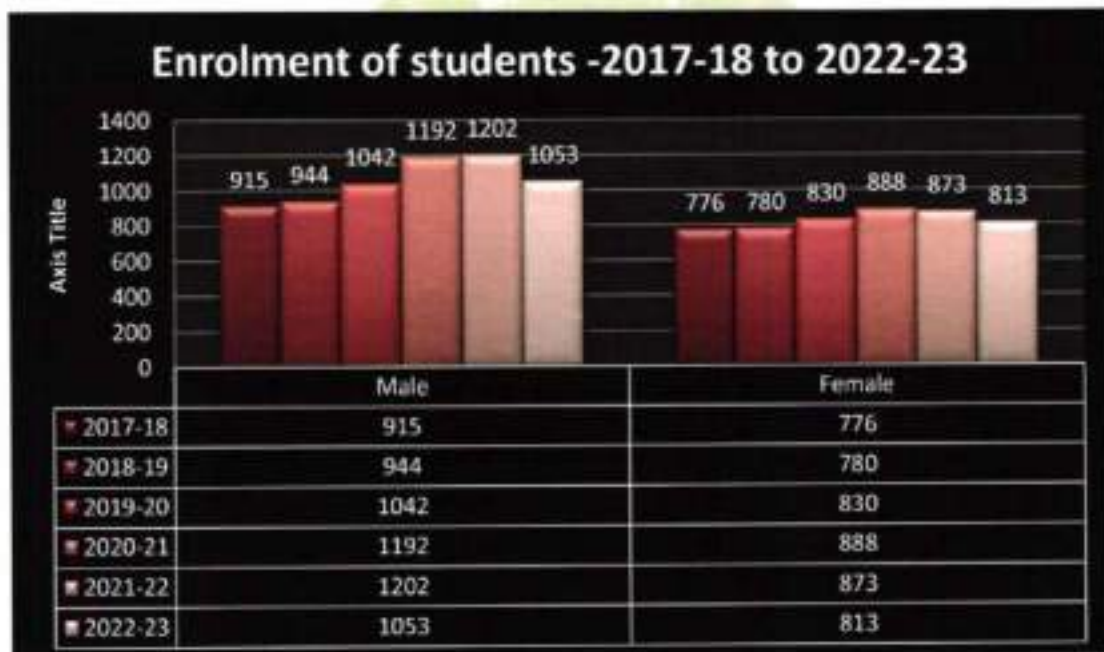


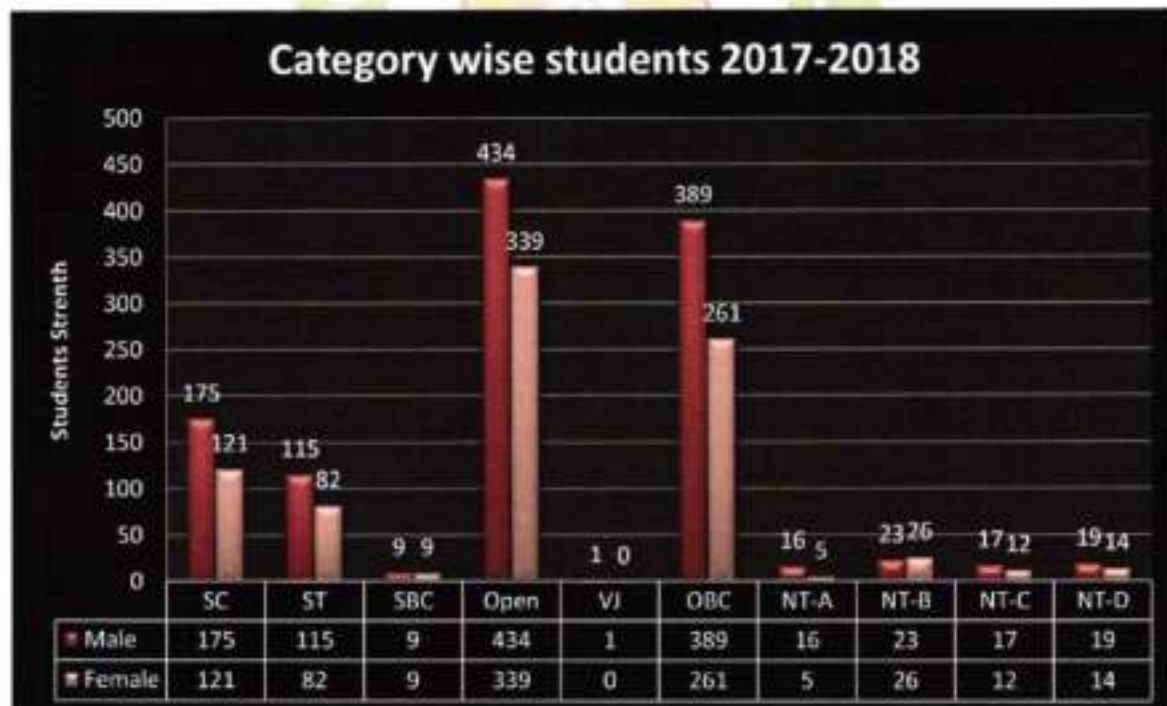
Figure 7

The above figures indicate the rise in the progression of female students in higher education that has presently near about 50% which projects gender inclusion in higher education and the positive role of the college within the region. Out of the total admitted students female students are well in numbers.



**Table No. - 14 Category wise students in academic year - 2017-2018**

Sr. No.	Category	Male	Female	Total	Male%	Female %
1	SC	125	110	235	53.19	46.81
2	ST	111	82	193	57.51	42.49
3	SBC	4	11	15	26.67	73.33
4	Open	649	748	1397	46.46	53.54
5	VJ	6	1	7	85.71	14.29
6	OBC	241	184	425	56.71	43.29
7	NT-A	2	4	6	33.33	66.67
8	NT-B	15	16	31	48.39	51.61
9	NT-C	13	8	21	61.90	38.10
10	NT-D	19	14	33	57.58	42.42
11	Total	915	776	1691	54.11	45.89



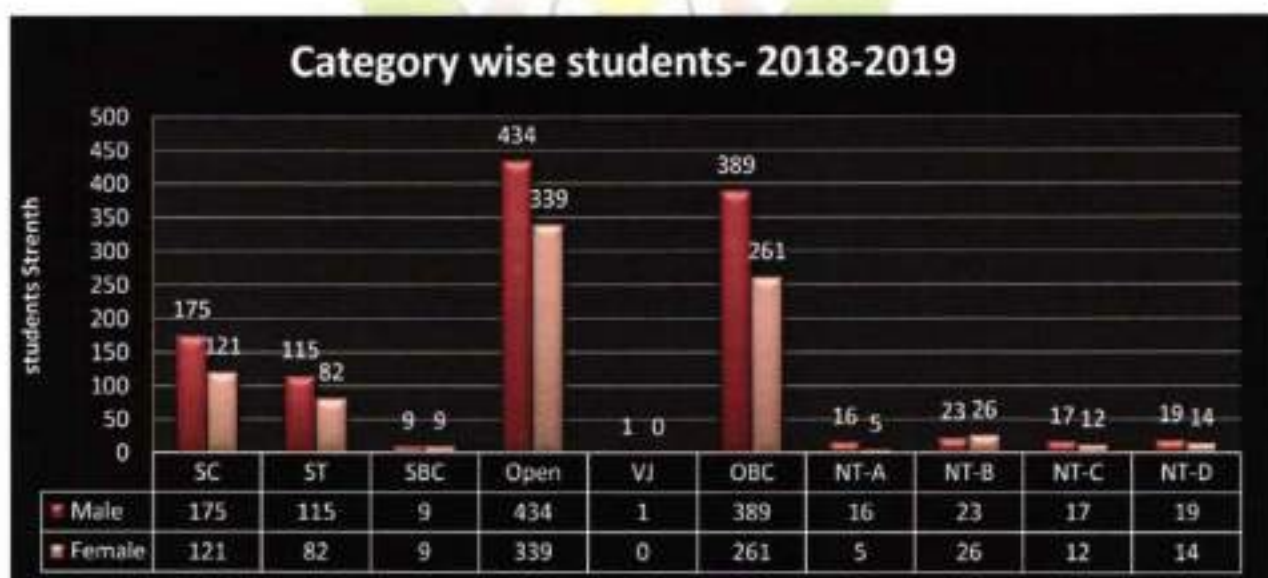
**Figure 8**

The above figure shows the general trend in the admission taken in the college by the women students of different categories from the academic year 2017-2018 to 2022-2023. Out of the total admitted students In OPEN, OBC, SC, NT categories female students well in numbers.



**Table No. - 15 Category wise student in academic year - 2018-2019**

SR. NO.	Category	Male	Female	Total	Male%	Female %
1	SC	124	106	230	53.91	46.09
2	ST	89	73	162	54.94	45.06
3	SBC	3	8	11	27.27	72.73
4	Open	392	351	743	52.76	47.24
5	VJ	1	1	2	50.00	50.00
6	OBC	275	199	474	58.02	41.98
7	NT-A	7	4	11	63.64	36.36
8	NT-B	17	16	33	51.52	48.48
9	NT-C	17	13	30	56.67	43.33
10	NT-D	19	9	28	67.86	32.14
11	Total	944	780	1724	54.76	45.24



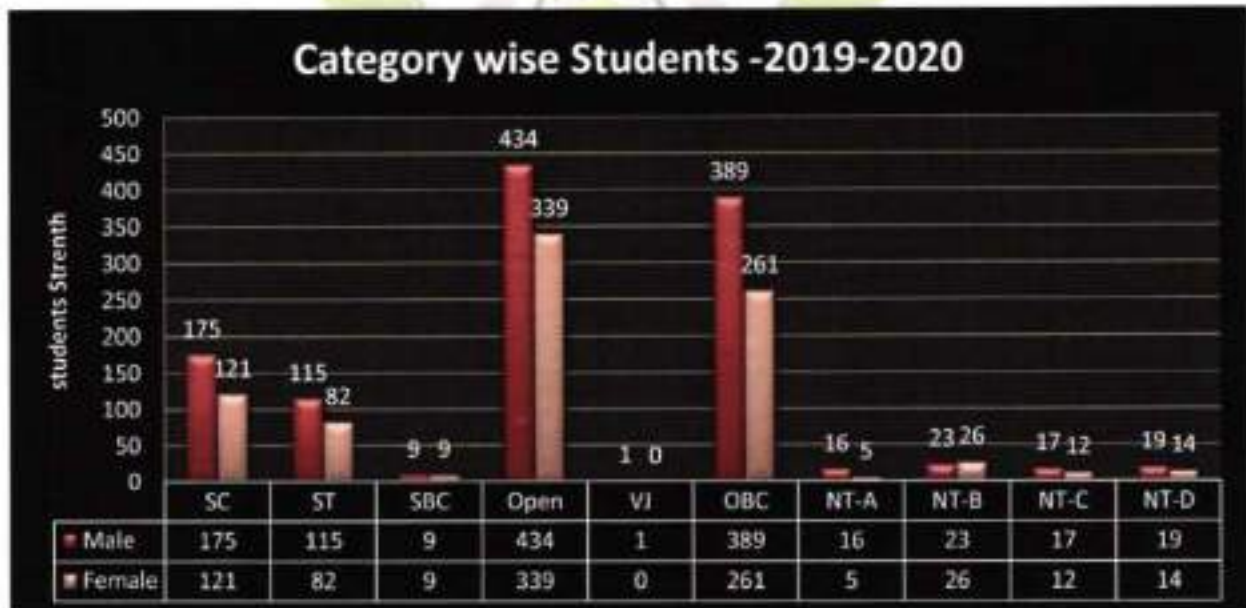
**Figure 9**

The above figure shows the general trend in the admission taken in the college by the total Students of different categories in academic year 2018-2019. Out of the total admitted students In OPEN, OBC, SC, NT categories female students well in numbers.



**Table No. -16 Category wise students in academic year -2019-2020**

Sr. No.	Category	Male	Female	Total	Male%	Female %
1	SC	137	122	259	52.90	47.10
2	ST	103	66	169	60.95	39.05
3	SBC	4	7	11	36.36	63.64
4	Open	664	635	1299	51.12	48.88
5	VJ	0	0	0	00.00	00.00
6	OBC	314	219	533	58.91	41.09
7	NT-A	12	4	16	75.00	25.00
8	NT-B	17	20	37	45.95	54.05
9	NT-C	19	12	31	61.29	38.71
10	NT-D	23	13	36	63.89	36.11
11	Total	1042	830	1872	55.66	44.34



**Figure 10**

The above figure shows the general trend in the admission taken in the college by the total Students of different categories in academic year 2019-20. Out of the total admitted students In OPEN, OBC, SC, NT categories female students well in numbers.



Table No. - 17 Category wise student in academic year - 2020-2021

Sr. No.	Category	Male	Female	Total	Male%	Female %
1	SC	161	137	298	54.03	45.97
2	ST	125	90	215	58.14	41.86
3	SBC	5	10	15	33.33	66.67
4	Open	672	652	1324	50.76	49.24
5	VJ	2	0	2	100.00	0.00
6	OBC	372	230	602	61.79	38.21
7	NT-A	14	2	16	87.50	12.50
8	NT-B	18	22	40	45.00	55.00
9	NT-C	22	15	37	59.46	40.54
10	NT-D	26	19	45	57.78	42.22
11	Total	1036	783	1819	56.95	43.05

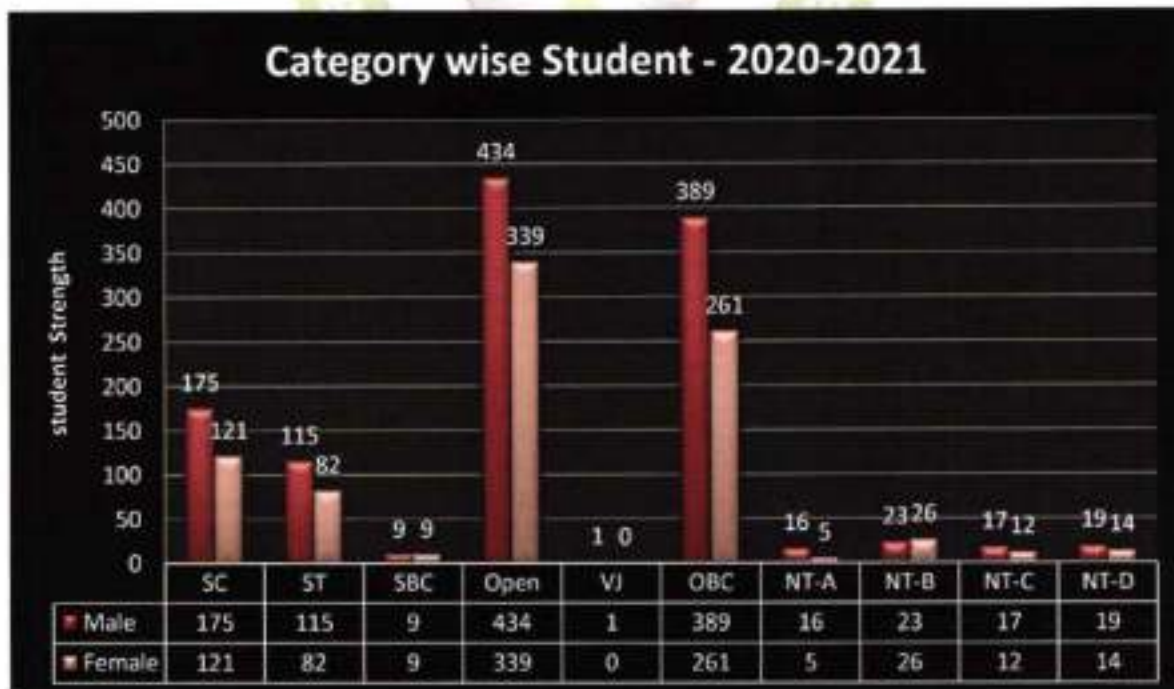


Figure 11



**Table No. - 18 Category wise student in academic year - 2021-2022**

Sr. No.	Category	Male	Female	Total	male%	female %
1	SC	175	121	296	59.12	40.88
2	ST	115	82	197	58.38	41.62
3	SBC	9	9	18	50.00	50.00
4	Open	434	339	773	56.14	43.86
5	VJ	1	0	1	100.00	0.00
6	OBC	389	261	650	59.85	40.15
7	NT-A	16	5	21	76.19	23.81
8	NT-B	23	26	49	46.94	53.06
9	NT-C	17	12	29	58.62	41.38
10	NT-D	19	14	33	57.58	42.42
11	Total	1202	873	2075	57.93	42.07

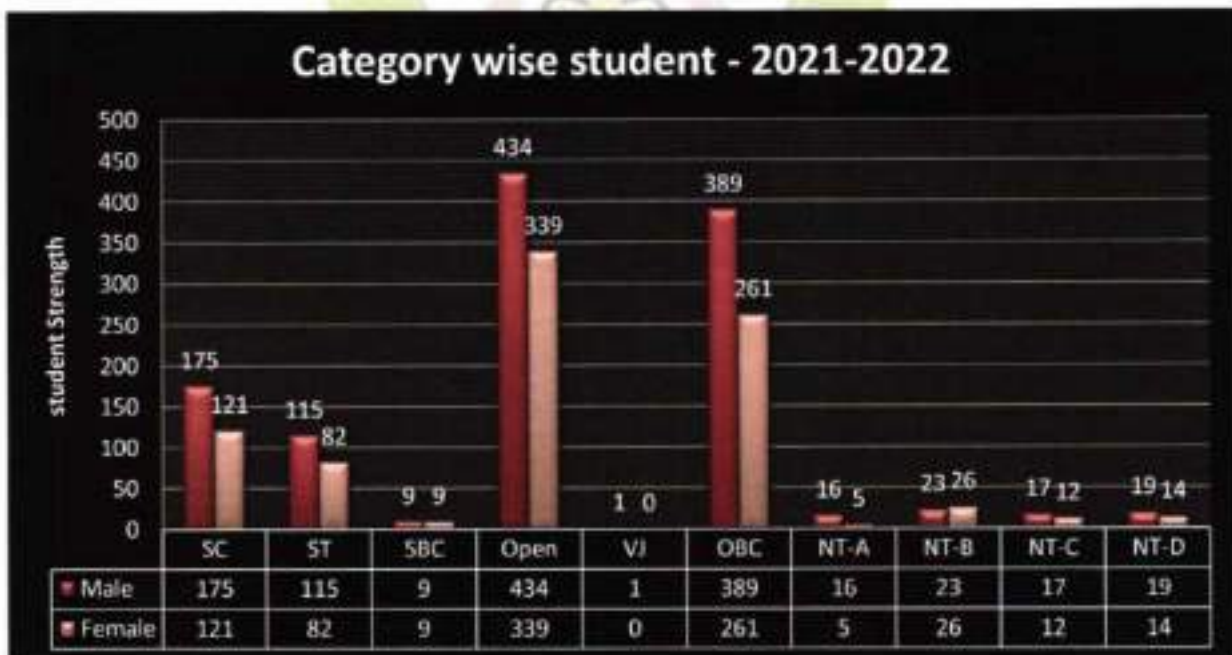
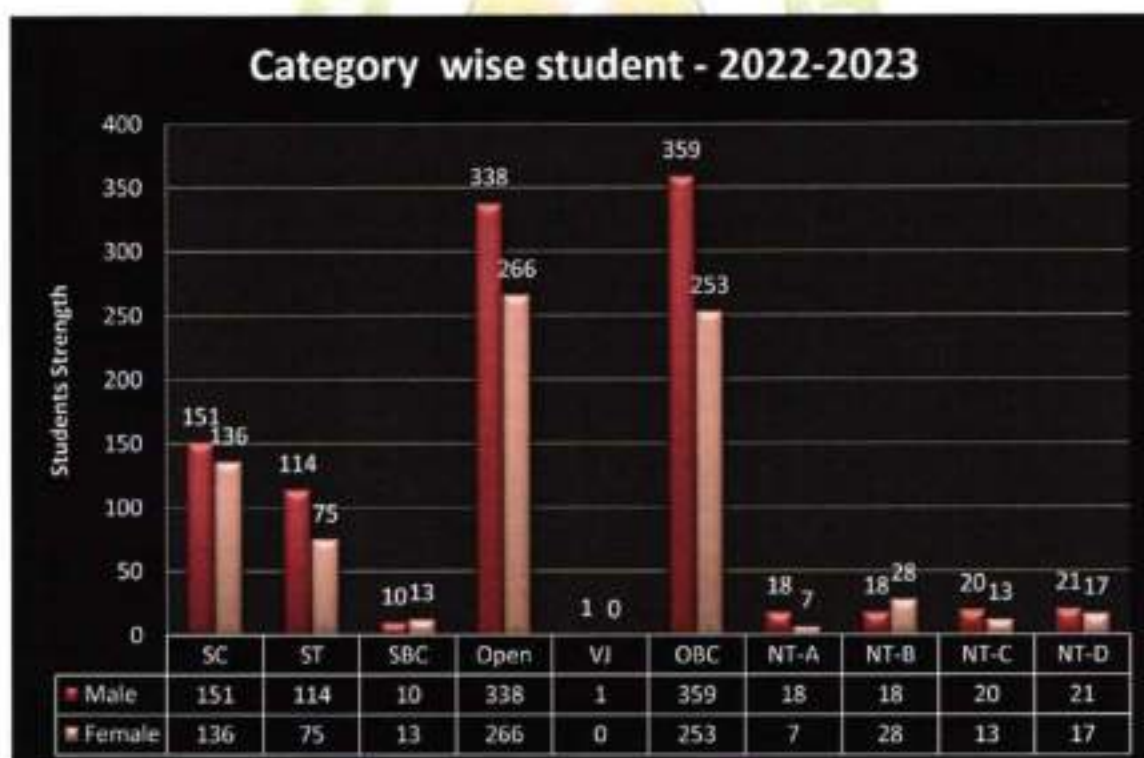


Figure 12



**Table No. - 19 Category wise student in academic year - 2022-2023**

Sr. No.	Category	Male	Female	Total	male%	female %
1	SC	151	136	287	52.61	47.39
2	ST	114	75	189	60.32	39.68
3	SBC	10	13	23	43.48	56.52
4	Open	338	266	604	55.96	44.04
5	VJ	1	0	1	100.00	0.00
6	OBC	359	253	612	58.66	41.34
7	NT-A	18	7	25	72.00	28.00
8	NT-B	18	28	46	39.13	60.87
9	NT-C	20	13	33	60.61	39.39
10	NT-D	21	17	38	55.26	44.74
11	Total	1053	813	1866	56.43	43.57

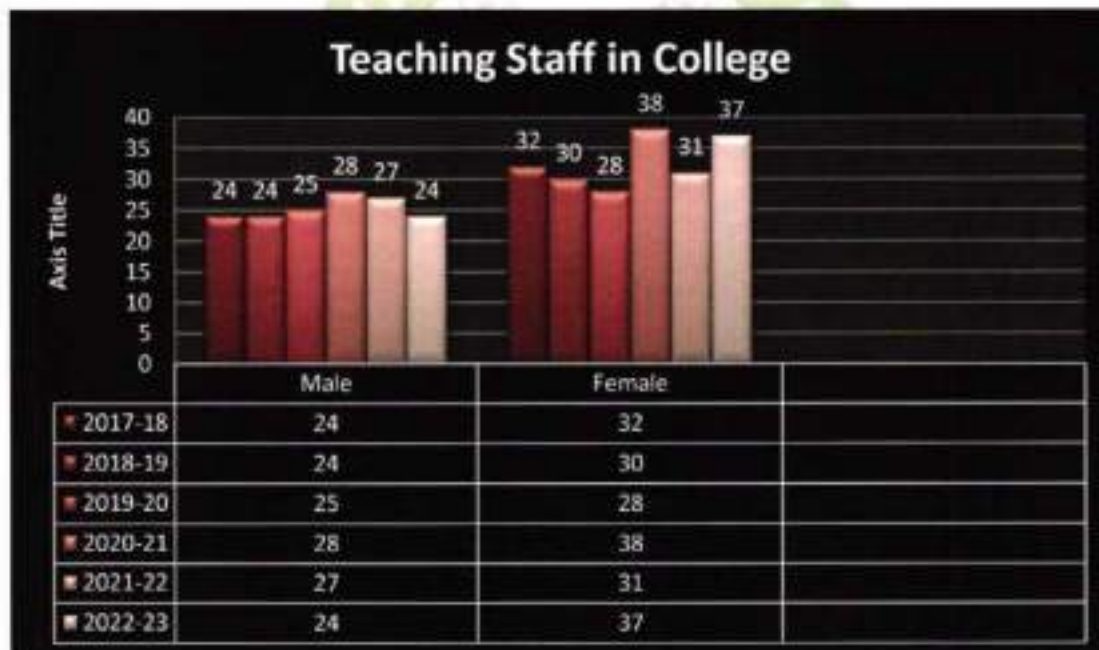


**Figure 13**

The above figure shows the general trend in the admission taken in the college by the total Students of different categories in academic year 2022-2023. Out of the total admitted Students in OPEN, OBC, SC and SEBC categories female students are well in number.

**Table No. – 20 Gender wise Details of teaching staff in College**

Sr. No.	Year	Male	Female	Total	Male%	Female %
1	2017-2018	24	32	56	42.85	57.14
2	2018-2019	24	30	54	44.44	55.55
3	2019-2020	25	28	53	47.17	52.83
4	2020-2021	28	38	66	42.42	57.58
5	2021-2022	27	31	58	46.55	53.44
6	2022-2023	24	37	61	39.34	60.65



**Figure 14**

The above figure projects the Gender wise Details of teaching staff in College. The total Number of female teaching staff is more as compares to male.





**Table No. - 21 Gender wise Details of Non-teaching staff in College**

Sr. No.	Year	Male	Female	Total	Male%	female %
41	2017-2018	27	04	31	87.09	12.90
2	2018-2019	23	04	27	85.15	14.81
3	2019-2020	22	04	26	84.61	15.38
4	2020-2021	22	04	26	84.61	15.38
5	2021-2022	24	05	29	82.75	17.24
6	2022-2023	22	05	27	81.48	18.51

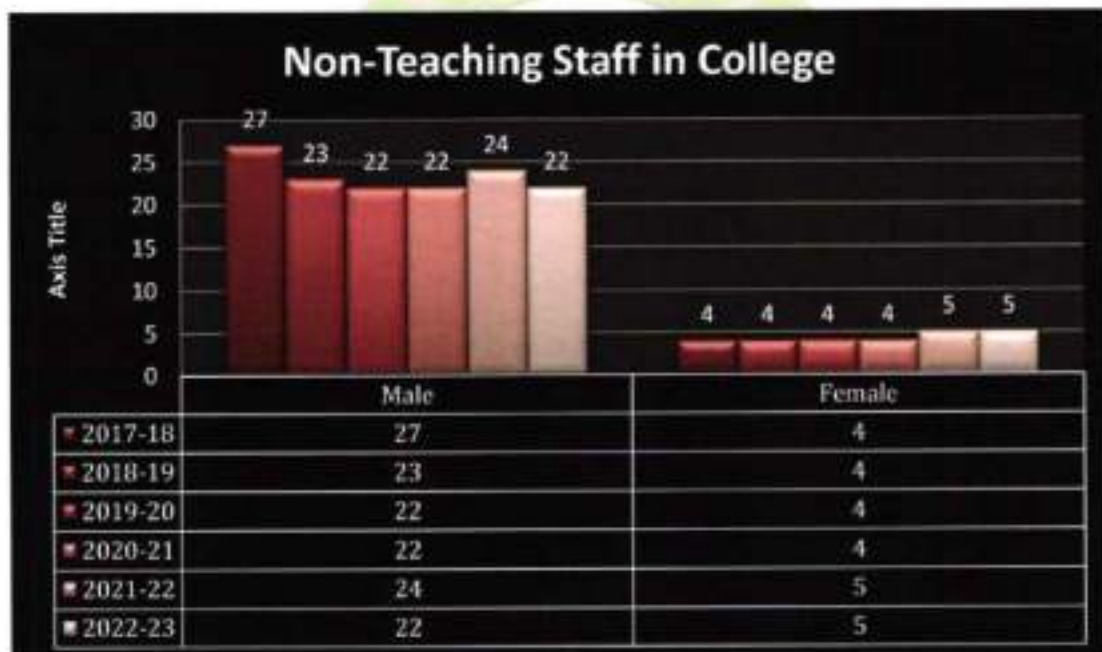


Figure 15

The above table projects the Gender wise Details of non-teaching staff in College



### Salient Findings


Student strength, particularly female strength is well in numbers in Arts, Commerce and Science UG programmes. Female student enrolment is approximately 50 percent of total number of student. Success rate of Female student is higher than that of Male student.

The participation of Female student in all the activities cultural activities is equal to the male students

### Suggestions

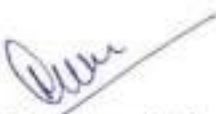
- 1) To make a separate common room for Male student.
- 2) To place a Compliant box in ladies room.

The external peer gender audit committee scrutinized the college for Gender Audit for the year  
2017-18 to 2022-23 on Saturday, 12/08/2023




**Dr. Manjusha Kulkarni**  
Principal,

R.N. C. Arts, J.D.B. Commerce & N.S. C. Science College, Nashik Road, Nashik - 422101  
(Chairman, external peer gender audit committee)



**Dr. Rajashree Naik**  
Assistant Professor

R.N. C. Arts, J.D.B. Commerce & N.S. C. Science College  
Nashik Road, Nashik – 422101



**Dr. Sanjay M. Nikam**  
Associate Professor

N.V.P. M. Arts, Commerce & Science College,  
Lasalgaon, Nashik-422306

(Member, External Peer Gender Audit Committee)





**Ar. Smita KasarPatil**

M. Arch., M.A. (History & Archaeology),  
P.G. Diploma in Heritage Management & Scientific Conservation

**Er. Yogesh KasarPatil**

M. Tech. (Environment & Water Resources), M.A. (History & Archaeology),  
P.G. Diploma in Heritage Management & Scientific Conservation, Chartered Engineer (I)

No.AT/105/2023-24

Date: 08/08/2023

To,

**The Principal,**  
Bhonsala Military College,  
Rambhoomi, Nashik 422 005

Sub: Submission of Green Building Audit of your institute.

Ref: Your office Purchase order No. BMC/SE/478, dated: 25/08/2023.

Dear Sir,

As per above subject and reference, we are appointed for preparation of Green Building Audit Report for Bhonsala Military College, Nashik  
We here by submit Green Building Audit Report for the same.

Please do the needful!

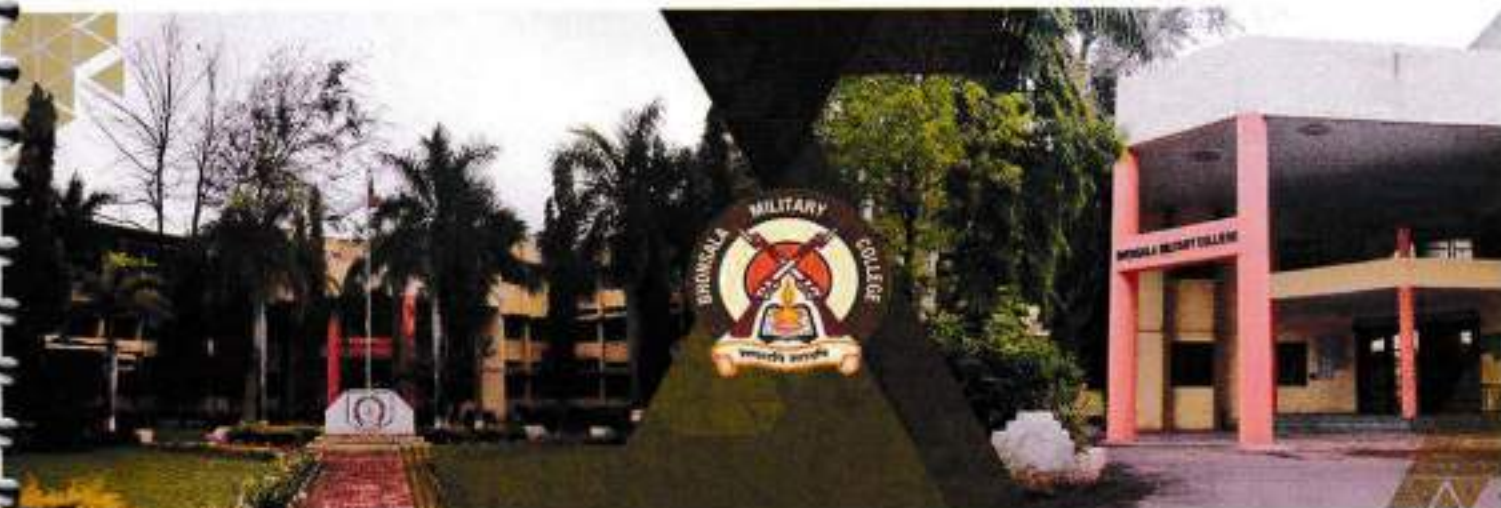
**For Ajinkyatara Consultants**

*Smita*  
Authorised Signatory

Encl:

1) Green Audit Report

# GREEN AUDIT REPORT 2023-24



**BHONSALA MILITARY COLLEGE,  
NASHIK**



Prepared By,  
**Ajinkyatara Consultants**  
15, Poornam Centre Point,  
Kanherewadi, C.B.S.,  
Nashik – 422001

## Abstract

Buildings have major environmental impacts during their entire life cycle. The present scenario demands the need to design a responsive building, which address all the issues related to building environment in an integrated and scientific manner. Green Audit is a process of systematic identification, quantification, recording, reporting and analysis of components of environmental diversity of institute. Green audit is a valuable means for a college to determine how and where they are using the most energy or water or other resources; the college can then consider how to implement changes and make savings. It costs less to maintain a green building that has tremendous environmental benefits and provides a better place for the occupants to live and work in. It provides staff and students better understanding of Green impact on campus. Thus it is imperative that the college evaluate its own contributions toward a sustainable future. As environmental sustainability is becoming an increasingly important issue for the nation, the role of higher educational institutions in relation to environmental sustainability is more prevalent.

The National Assessment and Accreditation Council, New Delhi (NAAC) has made it mandatory that all Higher Educational Institutions should submit an annual Green Audit Report. Moreover, it is part of Corporate Social Responsibility of the Higher Educational Institutions to ensure that they contribute towards the reduction of global warming through carbon footprint reduction measures. So this report is comprised of the overall study of the educational campus of the 'Bhosla Military College, Nashik'. It includes site analysis, water efficiency, rainwater harvesting, landscaping, heat island effect, solar efficiency, waste management, work environment with respect to indoor light quality, ventilation, colour application on internal and exterior facades, carbon footprints etc. report also gives some suggestions to improve the performance of building with respect to environment.



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## 1. Introduction

In the present scenario organizations are facing numerous challenges, issues and risks. One of the biggest one is the 'Global Warming'. Environmental changes, depletion of natural resources. A flexible, secure, dynamic infrastructure has to be devised to help organizations address critical energy and power costs.

In the present scenario, it has become immensely essential to unearth that up to what extent an organization is contributing towards environmental sustainability by adoption of techniques like Green Audit. Green Audit emphasizes the role of methods and practices that reduce an institution's environmental impact. Green audit advantage enables and empowers an organization to meet all the Global warming related challenges and at the same time help to contribute back so even an organization can participate and contribute to environmental corporate responsibility.

Energy use in institutions have risen in recent years because of the growth in information technology and air-conditioning. As a result, there has been a strong increase in cooling in warm & cold countries and in electricity consumption.

The institutional sector is emerging as a critical player in India's development process. Driven by the rising scale and intensity of environmental pressures and the society's changing expectations from the institutions, education and the environment, traditionally seen as divergent issues, are steadily coming closer. Realizing the increasing complexities facing the environment, institutions have begun to recognize their responsibility towards maintaining a cleaner, greener environment.

Buildings have major environmental impacts during their entire life cycle. Resources such as ground cover, forests, water, and energy are dwindling to give way to buildings. Resource intensive materials provide structure to a building and landscaping adds beauty to it — in turn using up water and pesticides to maintain it. Energy-consuming systems for lighting, air conditioning, and water heating provide comfort to its occupants. Water, another vital resource for the occupants, gets consumed continuously during building construction and operation. Several building processes and occupant functions generate large amounts of waste, which can be recycled for use or can be reused directly Buildings are thus one of the major pollutants that affect urban air quality and contribute to climate change.

Therefore, there's need to design a responsive building. The essence of which is to address all these issues in an integrated and scientific manner. It is also a proven fact that it costs less to maintain a green building that has tremendous environmental benefits and provides a better place for the occupants to live and work in.



### 1.1 Aim

The aim of a green audit done is to check the demand on non-renewable resources, check the utilization efficiency of these resources when in use, and check the reuse, recycling, and utilization of renewable resources.

### 1.2 Objectives

The objectives of green audit are

- To become Energy Efficient
- Save Natural Resources
- Optimize Process
- Enhance Infrastructure
- Reduce dependency on Natural Resources
- Initiate Recycling Initiatives
- Imbibe in Institute's Environmental Responsibility Culture

### 1.3 Scope

The scope of an audit, and the methodologies used to uncover objective evidence, includes:

- Measuring key environmental parameters
- Analyzing raw and test data
- Reviewing purchase orders and invoices
- Inspecting facilities
- Interviewing employees & students
- Communicating with contractors, vendors, customers, and regulators

### 1.4 Methodology

The process adopted for assessment of the site, included a primary inspection of the site, after which details related to site, facilities, services incorporated, analysis of building materials used on site and assessment of energy bills with respect to energy consumption was done.





C.H.M.E.Society's Bhosala Military College, NASHIK | GREEN AUDIT

### 1.5 Site Visit

**Organization :** Bhosala Military College, Nasik.

**Site Address :** C.H.M.E. Society's Bhosala Military College,  
Rambhoomi, Dr. B.S.Moonge Marg, Nashik,  
Maharashtra- 422005.

**Buildings :** Bhosala Military College, Nasik.

**Visited by:** Ar. Smita Kasarpatil, Er. Gaurav Thakare

**Date of visits :** 25/08/2023

**Visits hosted by :** Prof. P.J. Ikhankar

A preliminary visit to the campus of Bhosala Military College, Nasik, is conducted and the College campus is surveyed with respect to planning, climate, orientation, light quality during working hour, landscaping, water efficiency etc.



### 1.5.1 Site Analysis

The report assesses on the basis of study and analysis of the following: -

**a) With respect to location of site: -**

- A. Erosion and Sedimentation Control
- B. Site Selection
- C. Development density and Community connectivity
- D. Alternative transportation

**b) Strategies incorporated towards achieving energy efficiency**

- E. Innovative waste water technologies
  - a) Storm water design
  - b) Rain water harvesting
  - c) Water use reduction

**c) Factors considered for improving indoor environmental quality**

- F. Heat Island Effect
- G. Light pollution reduction
- H. Materials and resources



## 2.0 SITE INTRODUCTION

### 2.1 Erosion and sedimentation control

The site has effective sedimentation and erosion control plan that conforms to the best management practices. Advocates process like temporary or permanent vegetation, planted trees and soft scapes (lawns). New trees and plants that are non-invasive native species appropriate to the site's location soils and microclimate are there on site. The newly planted trees are located to provide shading in the summer and allow for heat gain in the winter.

Intent Native vegetation is well adapted to the climate and provides excellent hold against erosion, sediment, and provides dust and pollution control. Hence there is preservation of topsoil and existing vegetation.

The Land was Barren land and 25 new trees are planted on the site.

*\* Separate annexure attached along with report, which specifies the number and types of trees planted in the campus.*

#### Methods incorporated on site:-

1. Provision of lawns (soft-scaping), which not only holds the top soil but also helps penetration of rainwater into ground. Green cover on the site checks soil erosion.



Lawns & Flower Beds



2. Hardscaping provided in the form of Tar Roads, grit and stone slabs, which reduces the erosion of soil, preserving the top soil.



Hardscaping in campus

3. Plantation of native varieties of plants and selection of such varieties has been done that consume not only less water for their growth but also belong to the microclimate and local vegetation. Some trees are like Mango, Neem, Coconut, Gulmohar, Palm, Amla, Bel, etc.can be seen on campus



Plants on campus

4. Water efficiency

Water efficiency can be described as the accomplishment of a function, task, process, or result with the minimal amount of water feasible. An indicator of the relationship between the amount of water required for a particular purpose and the amount of water used or delivered. It differs from water conservation

in that it focuses on reducing waste. A proposition is that the key for efficiency is reducing waste not restricting use. It also emphasizes the influence consumers can have in water efficiency by making small behavioral changes to reduce water wastage and by choosing more water efficient products. Examples of water efficient steps include simple measures like, fixing leaking taps, by consumers.

**Methods incorporated:**

- a) Water efficient Landscaping: - The water required for landscaping is given through pipe systems provided and drip irrigation systems.



*Drip irrigation system*

- b) Innovative wastewater technologies: - Rain water harvesting system incorporated provision of recharge pits on site done,



*Rain Water Harvesting system*

- c) Water use reduction: - Efficient control measures adopted provision of float valves, water meter to keep a check on inflow and control of water.

**2.2 Site Selection**

Site selection criteria in India, specifies the following criteria that are listed. The table below confirms these criteria with respect to the proposed site. As the site does not have any of the following parameters, it is suitable for development.

Is a prime farm land	No
Elevation is lower than 5'above the elevation of 100-year flood levels	No
Land specified as habitat for any species by wildlife Institute of India	No
Within 100' of any wetland	No
Prior to acquisition was allotted for any public parkland	No

#### Strategies incorporated to Reduce Site Disturbance

- Open spaces adjacent to building is more than the building footprint
- Preservation of topsoil
- Saving existing site vegetation
- Compact parking provided
- Maximum (75%) of indoor areas are day lit, by effective building orientation.
- Water reuse and landscape irrigation scheme is intimately tied with the site design and open spaces allotted.



*Sufficient Open areas*



*Preservation of top soil.*



*Separate Parking facilities*



*Effective use of day lighting by orientation of building; ample day light in the reading areas*

### 2.3 Development density and community connectivity

The college premises are located on the outskirts of Nashik, which is the major connecting city with rail, road and bus connectivity. The public density is very less. Though there are community developments around the premises that help in functioning of day-to-day activities.

### 2.4 Alternative transportation

Public transportation Access Project 3.5 km from the nearest railway station well accessed by public bus network systems and campus bus lines used by occupants.



**Transit systems**

- Railway station 14.4 km
- Mass transit (City Bus Stop) 100 m
- Building within 1/2mile of Residential zone/neighborhood.
- Basic services Include: - Bank, Convenience store, Place of worship, Laundry, Medical, Pharmacy, Post Office, Cleaners, Restaurant, Beauty center.

***Pedestrian access to nearly all the services mentioned above.***

**3. STRATEGIES INCORPORATED IN BUILDING**

**3.1 Innovative wastewater technologies**

**3.1.1 Storm water Design**

**Strategies incorporated**

Pervious paving systems reduce storm water runoff by allowing precipitation to infiltrate the undersurface through voids in the paving material these systems are applied in the pedestrian traffic surfaces. Use of these alternative surfaces such as, pervious pavements/ grid pavers and technique such as rainwater recycling are incorporated, to reduce imperviousness and promote infiltration.

Surface type	Runoff coefficient	Area (SM)	Impervious area(SM)
Pavement, Asphalt	0.95	1000	950
Pavement, pervious	0.60	700	420
Vegetation average (1-3% slope)	0.20	5000	1000
Total area		6700	2370
Imperviousness			35.37%

Imperviousness % = Total Pervious Area (SF) / Total Site area  
 = 2370/ 6700  
 = 35.37%





### Rain water harvesting

Surface run off from various ground sources and terraces are connected to recharge pit. It helps to improve the water table of the land.



*Rain water Harvesting system and recharge pit*

Rain water can be harvested from terrace, and ground floor areas, for reusing in watering of lawns and flushing.

Rainwater harvesting means capturing rain where it falls or capturing the run off rain water in your own premises. The collected water is also kept clean by filtering and such design of facility that does not allow pollutants to mix with collected water.

There are three methods of water conservation.

- a. Rain water collection and storage techniques.
- b. Techniques to facilitate ground water recharge.
- c. Soil and water conservation techniques.

#### Calculation of Rain water harvesting

Building population	= Students + Teaching, technical, Admin & Clerical staff
	= 2034
Water Consumption	= 45 X 2034 ..... for office use
	= 91,530 lit / day
Annual consumption	= 91,530 x 317 (Working days)
	= 2,90,15,010 lit / Annum .....A

Total rainfall catchments of academic building (Porch area +Terrace area)  
 $= 2281+150 = 2431 \text{ sq m}$

Annual average rainfall of Nashik = 690.5 mm = 0.69 m

Water harvesting potential = Rainfall (mm) x Collection efficiency

Total rain water collection =  $0.69 \times 2431$   
 $= 1677.39 \text{ m}^3 / \text{year}$   
 $= 1677.39 \times 1000 \text{ lit}$   
 $= 16,77,390 \text{ lit/ year} \dots\dots\dots\text{B}$

Water requirement that can be fulfill by rainwater harvesting (in %)  
 $(\text{B} \times 100) / \text{A} = (16,77,390 \times 100) / 2,90,15,010$   
 $= 5.78 \%$

### 3.1.2 Water use reduction

The water efficiency of the building is maximized which reduces the burden on municipal water supply.

The type of fixtures used in wash rooms are:-

Water closets (Indian type)

Urinals

Faucets

Metering faucets

**Conclusion: -**

While the baseline is good, there are many ways to exceed and achieve maximum standards, thereby achieving greater efficiency.

Methods should be adopted to reduce potable water use by including use of surface runoff water for non-potable applications. This will also benefit in reduced energy use and chemical inputs at municipal water treatment levels. The institute is using runoff water for landscaping.

Water conservation can be achieved by:-

1. Using aerated flow type taps
2. Minimizing piping distances by proper positioning of water-tanks
3. Install low flow flushing cistern (3 lit per flush)
4. Install water efficient urinals
5. Use low flow irrigation systems for garden area.
6. Use the open area to collect the water through Storm water drains and use the same water for ground water recharge and also for gardening nf flushing purposes so as to reduce water dependency on other sources



### 3.1.3 Solid Waste and Recycling

On site, both the recyclable and the disposable wastes are segregated. Hence every recyclable item has the opportunity to be diverted from the waste and to be sent to landfill.

Composting is also available offsite. All the biomass of the campus is converted into compost.

Annual extrapolation of each waste category (by mass)

#### A. Solid waste

Building population = 2034 (Students, Teachers, Admin & Clerical staff)

Solid waste generation = 0.042 cu m X 2034 persons  
= 85.42 cum

A septic tank is provided to treat the waste.



Location of Septic Tank

#### B. Organic waste

Total plot area of site is 40500.00 sq m. 50% of site is landscaped. There are only 10 evergreen tree varieties planted in a front open area. Other landscaped area is covered with lawn and few shrubs are planted along the pathway. Organic waste generated by these plants is disposed off in trenches made in the campus. Manure created by this waste is used for the landscaped area.



Location of Compost Tank

#### C. Paper, Newsprint, and Cardboard

About 700-800 kg per year of the garbage by mass found to be recyclable paper including cardboard and newsprint. Recyclable mixed paper and newsprint represent a strong opportunity for diverting a significant

portion of Institute's waste and lowering its carbon and deforestation footprints. Some of the most common paper items from the college area that include: copy/printer paper, newspapers, and paper packaging. This waste paper is sending for recycling through the vendors in city.

#### D. E- waste

E – Waste is created in the form of CDs. Those are used artistically to create statues, structures, mementoes etc. Thus it avoids their entry in dump yards.

#### 3.1.4 Solar Energy:

Solar energy is radiant light and heat from the Sun that is harnessed using a range of ever-evolving technologies such as solar heating, photovoltaic, solar thermal energy, solar architecture, molten salt power plants and artificial photosynthesis. It is an essential source of renewable energy, and its technologies are broadly characterized as either passive solar or active solar depending on how they capture and distribute solar energy or convert it into solar power. Active solar techniques include the use of photovoltaic systems, concentrated solar power, and solar water heating to harness the energy. Passive solar techniques include orienting a building to the Sun, selecting materials with favorable thermal mass or light-dispersing properties, and designing spaces that naturally circulate air.

The building has 20 KW Solar power plant of PV Modulus of VIKRAM make and Solar grid Inverter of SMA make. Modules are mounted on GI Frame with all the cable and accessories.

It has 1 inverters of 20 KW on rooftop of main building.



### Roof Top Solar Panels and Inverters

#### Solar energy calculations:

The solar PV energy Output is given by a global formula

$$E = A \times r \times H \times PR$$

Where,

A = Total Solar Panel Area = 250 Sqm.

r = Solar Panel yield = 6.54%

H = Annual Average radiation on tilted panels = 2098.75 KWh/m<sup>2</sup>.an

PR = Performance ratio = 0.75

Therefore,

$$E = 250 \times 6.54 \times 2098.75 \times 0.75 = 25,735.92 \text{ KWh/an.}$$

Daily energy output = 25,735.92 / 365

$$A = 70.51 \text{ KW.}$$

Monthly average Unit Consumption by building = 1352 units = 1352 KWH

Estimated daily energy consumption = (1352/30)

$$B = 45.07 \text{ KW}$$

Surplus Energy generated = A – B = 70.51 – 45.07 KW

$$= 25.44 \text{ KW}$$

Hence 25.44 KW surplus energy is generated by employing solar PV panels on roof top.

#### 4.0 Indoor environment

##### 4.1 Heat Island Effect

This occurs when warmer temperatures are experienced in urban landscapes, compared to adjacent rural areas as a result of solar energy retention on constructed surfaces. Principal surfaces that contribute to heat island effects are streets, sidewalks, pathways, parking lots and buildings.

- Strategies incorporated:
- Provision of shady trees within the premises
- Ground cover in the form of landscape, plantations



Use of light colors on façade to reflect light and heat  
Use of light colored ground covers and landscapes to reduce heat island effect.

#### 4.2 Light pollution reduction

Details of lighting source:- Lighting fixtures and lamps (Artificial lighting)

Descriptions	Value
Wattage	20
Base	Tube
Diameter	15mm
Length	1149mm
Colour Temperature	4000
EEL	A+
Manufacturers Part Number	63948655
Part L Compliant	No



Use of single 20 W LED Tube & single tube 40 W, 230 V fluorescent light fixtures in the indoor areas. Average artificial lighting lux of **1011 lux** is observed inside the building. Which is well under limit set by National building code.

**Separate annexure attached along with report, which specifies the LUX levels at all the rooms in Building. (Annexure I)**



The above pictures show ample natural light conditions in the rooms

**Conclusion: -**

The above calculations measure the lux level of artificial lights provided in the rooms. It must be noted that the building has sufficient, unobstructed, natural light from all sides, which brings in plenty of sunlight in the indoor spaces specially class rooms and labs. The natural light available in the rooms is around 1000 lux, which makes it comfortable to use the space during day time, without artificial lights. (Also shown in pictures above). The artificial lights hence support during cloudy weather days.



C.H.M.E.Society's Bhosala Military College, NASHIK | GREEN AUDIT

## 5.0 Estimated Energy consumption

### 5.1 Energy Consumption

Electricity for light, fan and laboratory equipment's is the main energy consumption in this institute. There is no hot water supply in the premises. Ample amount of natural light as already shown reduces the dependency on artificial lights, and consequently energy.

### 5.2 Indoor Environment

Major part of building faces east and south side. Classrooms along these two sides are also facing courtyards from internal side. Bilateral lighting system provides adequate natural light and cross ventilation for these most occupied spaces during working hours. Most of the laboratories are facing north – west are also getting sufficient light.

This campus is located 3 km away from major highway. Adjoining road is internal road with very less vehicular traffic. Students are using public transport or buses provided by institution itself. Also the site is surrounded by farmland. Hence there is no sound and air pollution observed.

### 5.3 Carbon foot print of institution

Emission factors

Sr. No.	Item	Emission factor
1	Electricity	0.85 kg CO <sub>2</sub> per KWh
2	Petrol	2.27 kg CO <sub>2</sub> per liter
3	Diesel	2.68 kg CO <sub>2</sub> per liter
4	LPG	2.99 kg CO <sub>2</sub> per kilogram

Source:

- CO<sub>2</sub> emission factor database, version 06, CEA (Government of India), [http://www.cea.nic.in/reports/planning/cdm\\_co2/cdm\\_co2.htm](http://www.cea.nic.in/reports/planning/cdm_co2/cdm_co2.htm)
- Emission factors are taken from the file "Emission factors from across the sector -tool", extracted from <http://www.ghgprotocol.org/calculation-tools/alltools>

Annual consumption of resources

- Electricity required per year = 1352 X 12 months = 16224 Kwh
- Petrol required per year = 0 lit. X 12 months = 0 lit.
- Diesel required per year = 700 X 12 months = 8400 lit.
- LPG required per year = 7.5 kg X 12 months = 90 kg

\*Above information is facilitated by administration Dept. of institute.



Ajinkya Tara Consultants

### Actual carbon footprint

1. Electricity =  $16224 \times 0.85 = 13,790.40$
2. Petrol =  $0.00 \times 2.27 = 0.00$
3. Diesel =  $8400 \times 2.68 = 22,512.00$
4. LPG =  $90.00 \times 2.99 = 261.10$
5. Total (1+2+3+4) =  $36,571.50.00$  kg i.e. 36.57 ton
6.  $36.57 \text{ ton} / 2034$  (no of persons) = **0.018 ton per person**

### 6.0 Suggestions

Strategies that can make building energy efficient:-

#### 6.1 Solar energy

A building which not only makes use of efficient building technology but is also geared to energy savings potential, is completed by a façade which apart from its conventional function also contributes to energy generation. India is blessed with ample sunlight that can be effectively harvested throughout the year. Solar energy if properly harvested can reduce the burden on energy consumption of the buildings, adding on to considerable savings for the users.

If photovoltaic panels be installed, it will save on electricity consumption of building.

#### Solar energy calculations:

Average photovoltaic cell energy output = 0.15 Kwh / Sq.m

Total sunlight hours / day = 7 hours

Daily energy output =  $0.15 \times 7 = 1.05$  Kw / Sq.m

Area of photovoltaic cell =  $20 \times 2.40$

= 48 sq m

Energy output =  $48 \times 1.05$

Energy output = 50.4 Kw

Hence 50.4 Kw energy can be generated by employing only 8' long solar PV panel on the southern side of building. This can bring in considerable savings and make building green.

In addition, if Solar panels are placed on the West facades also this will also add on to capture and conversion, and effective harnessing of solar energy to reduce energy consumption of the building.



Proposed solar panel on south

Addition of solar PV panels on the western and Southern sides can reduce the energy load of building



## 6.2 Implementation of green wall

A **green wall** is a wall, either free-standing or part of a building that is partially or completely covered with vegetation and, in some cases, soil or organic growing medium plants reduce overall building temperatures which helps reduce energy consumption.

## 7.0 Conclusion

1. The building performs satisfactorily on the criteria studied through this report. The microclimate solves various heat gain issues which are otherwise an issue in sites which are in urban areas.
2. The site does not pose connectivity issues and is equally connected through, bus and road networks.
3. There have been measures undertaken by the designers and authorities to add on the existing plantation of the site, and to conserve top soil by landscaping. However, if ground cover and landscaping is increased which is possible by landscaping of open areas around the building this will help in reducing the heat island effect of the building thereby contributing towards the microclimate.
4. The surrounding area lack the storm water drainage system which is vital in ground water recharge and will help the water dependency on municipal supply.
5. The segregation of waste is a factor where it needs to work on positively as the organic waste generated by the site is treated at compost pit near the mess. New composting methods such as pipe composting or NADEP Composting can also be taken by institute to prepared manure which will be reused for gardening and landscaping purpose and will make the campus more green.
6. The building is very well oriented to fetch maximum day light in all indoor major function areas such as classrooms and labs. This saves on considerably on artificial lighting requirements.
7. The institute measures and disposes the E-waste generated by selling to scrapyards.
8. The paper waste generated is being reused and sent to the recycling agencies instead of being burnt, thus helping and maintaining the green environment.
9. RO plants with water coolers are located at all suitable locations.
10. No seepages were observed in the building premises.
11. Energy efficient computers and monitors have been procured. Approximately less than 1% computers are having CRT screen. Rest all is having TFT monitors.
12. Electronic communication is encouraged to minimize usage of papers.
13. Most of the paper waste generated by the campus is reused for doubled sided printing.

14. Air Conditioning usage is only limited less than 1% in the campus, thereby making it more 'Green'.
15. The garden areas partly use pipe line irrigation system and partly use Drip irrigation.
16. The provision of impervious floors in the outdoor areas can further be increased by which ground water table of water will benefit, as of now it is only 65%, which should be increased to 90%, by employing perforated pavers, grass joints etc.
17. The building must replace the existing fluorescent tube lights to LED light fixtures which will help in reducing the electricity consumption to a large extent. For this institute has taken steps and ordered LED tube lights.
18. The building is also harnessing solar energy which is very welcoming.
19. Students and Staff members are totally aware of pollution that is caused by use of vehicles & bicycles as no vehicles are allowed with in the campus. Still a carbon consumption awareness programme must be undertaken to check and improve the carbon emissions at individual as well as campus level so that it avoids Air and Noise pollution in the campus due to vehicles or any activity in it.
20. The Institute must also provide Solar panels and harness lighting that can be used to lit outdoor areas of campus. Solar lights in the campus can also be provided. It can reduce electrical bills and contribute to Carbon neutrality.
21. The Institute must also take measures to install water closets and fixtures that use less water. Similarly, all the fixtures of the toilets which have water leakage must be checked and replaced. This will not only help in achieving maximum standards, but also greater efficiency.
22. The sewage water is disposed of through storm drainage to the municipal waste water line. However, the human intake in premises being very high, it is advisable to propose Sewage Treatment plant which will save the requirement of local water tankers and treated STP water can be used for gardening applications
23. For barrier free access, the ramp need to be provided in the campus at each floor, provision of barrier free toilets, equipped with grab bars and must be done.



C.H.M.E.Society's Bhosala Military College, NASHIK. | GREEN AUDIT

## CERTIFICATE

This is to certify that the Green Audit for year 2023-2024 for the '**Bhosala Military College, Nashik**'. was done by us. The building performs well on the criteria's studied through this report. We have covered the area of environmental consciousness, energy conservation, waste management, use of renewable energy, water efficiency etc. All necessary data is provided by institute and the analysis is enclosed in the report.

The aim of conducting green audit is to check the demand on non-renewable resources, check the utilization efficiency of these resources when in use, and check reuse, recycling, and utilization of renewable resources.

While the baseline is good, there are many ways to exceed and achieve maximum standards, thereby achieving greater efficiency of the buildings energy performance, which are mentioned in the Report.



**Ar. Smita Y. Kasarpatil**

M. Arch.

I.G.B.C. AP

M.A. (History & Archaeology)

P.G. Diploma in Heritage Management  
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M.I.I.A., A.I.V.



C.H.M.E.Society's Bhosala Military College, NASHIK. GREEN AUDIT

### References

No. of Teaching staff	No. of Non-teaching staff
89	65

Total no. of students in campus = 1880

Total occupancy in the campus = 2034

### Documents enclosed:

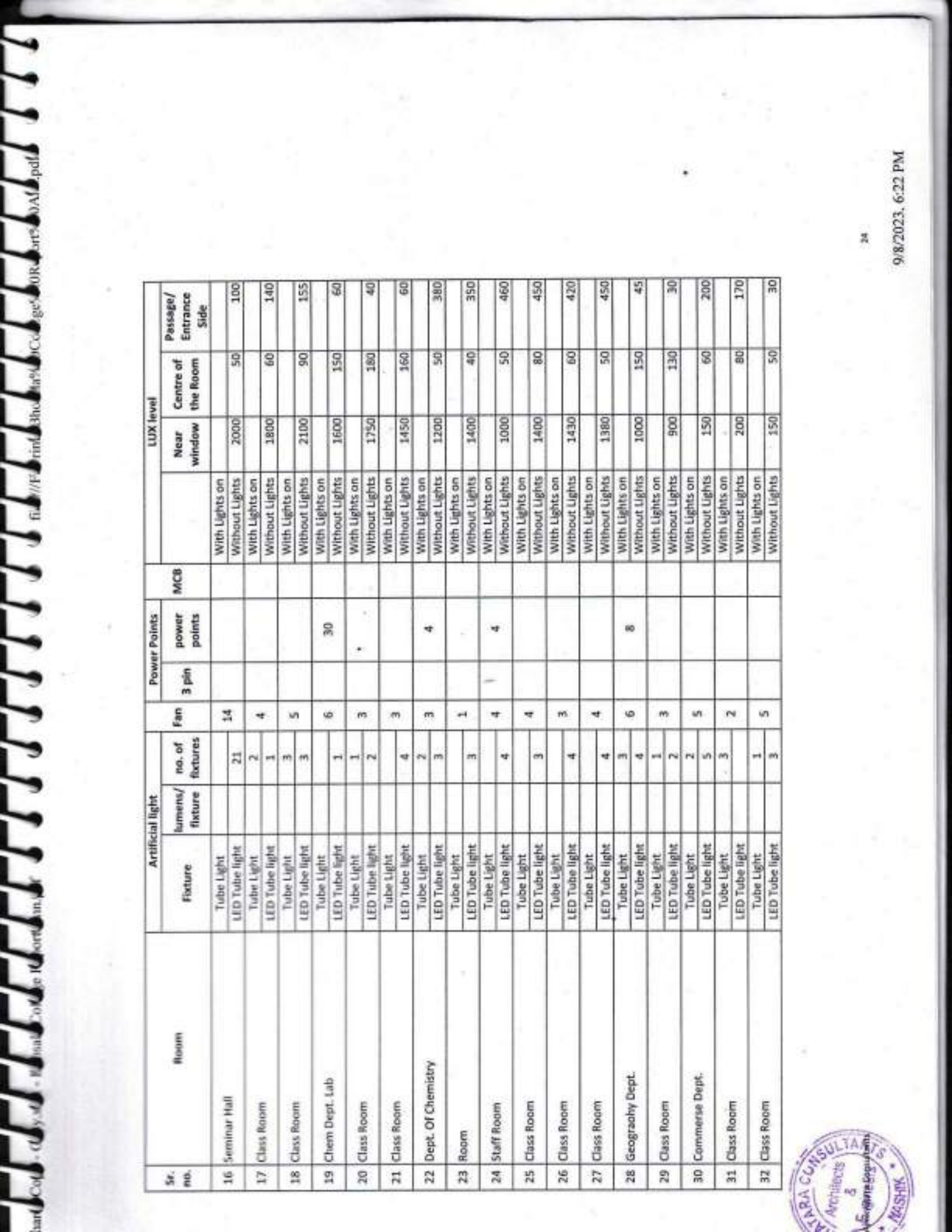
1. Annexure I: Light levels and electrical points in the rooms.
2. Annexure II: List of trees planted in the campus



Annexure I:

Sr. no.	Room	Artificial light			Fan	Power Points		MCB	LUX level		
		Fixture	lumens/ fixture	no. of fixtures		3 pin	power points			Near window	Centre of the Room
1	Principal Office	Tube Light		1	1	5		With Lights on			
		LED Tube light		2				Without Lights	300	60	130
2	Room	Tube Light			1	2		With Lights on			
		LED Tube light		2				Without Lights	280	40	110
3	Sever Room	Tube Light		1		8		With Lights on			
		LED Tube light		3				Without Lights		100	
4	Room	Tube Light		2				With Lights on			
		LED Tube light		4				Without Lights	265	70	50
5	Administrative Office	Tube Light		4	11	32		With Lights on			
		LED Tube light		7				Without Lights	300	80	40
6	Class Room	Tube Light						With Lights on			
		LED Tube light		3				Without Lights	280	80	60
7	Class Room	Tube Light		2	4			With Lights on			
		LED Tube light		2				Without Lights	500	150	50
8	Class Room	Tube Light		2	4			With Lights on			
		LED Tube light		3				Without Lights	1500	80	60
9	Class Room	Tube Light		3	3			With Lights on			
		LED Tube light		1				Without Lights	1800	50	50
10	Class Room	Tube Light		2	4			With Lights on			
		LED Tube light		3				Without Lights	2100	60	40
11	Class Room	Tube Light		1	5			With Lights on			
		LED Tube light		4				Without Lights	2250	80	20
12	Liabrary	* Tube Light		4	17	50		With Lights on			
		LED Tube light		12				Without Lights	5300	100	20
13	Exam Room	Tube Light		3	5			With Lights on			
		LED Tube light		3				Without Lights	2100	50	60
14	Hostel Office	Tube Light		1	2	10		With Lights on			
		LED Tube light		1				Without Lights	4100	70	400
15	Class Room	Tube Light		3	5			With Lights on			
		LED Tube light		1				Without Lights	3450	80	340





Sr. no.	Room	Artificial light			Power Points		LUX level			Passage/ Entrance Side	
		Fixture	lumens/ fixture	no. of fixtures	Fan	3 pin	power points	MCB	Near window		Centre of the Room
16	Seminar Hall	Tube Light			14				2000	50	100
		LED Tube light		21					Without Lights		
17	Class Room	Tube Light		2	4				1800	60	140
		LED Tube light		1					Without Lights		
18	Class Room	Tube Light		3	5				2100	90	155
		LED Tube light		3					Without Lights		
19	Chem Dept. Lab	Tube Light			6	30			1600	150	60
		LED Tube light		1					Without Lights		
20	Class Room	Tube Light		1	3				1750	180	40
		LED Tube light		2					Without Lights		
21	Class Room	Tube Light			3				1450	160	60
		LED Tube light		4					Without Lights		
22	Dept. Of Chemistry	Tube Light		2	3	4			1200	50	380
		LED Tube light		3					Without Lights		
23	Room	Tube Light		3	1				1400	40	350
		LED Tube light		3					Without Lights		
24	Staff Room	Tube Light		4	4	4			1000	50	460
		LED Tube light		4					Without Lights		
25	Class Room	Tube Light		3	4				1400	80	450
		LED Tube light		3					Without Lights		
26	Class Room	Tube Light		4	3				1430	60	420
		LED Tube light		4					Without Lights		
27	Class Room	Tube Light		4	4				1380	50	450
		LED Tube light		4					Without Lights		
28	Geography Dept.	Tube Light		4	6	8			1000	150	45
		LED Tube light		4					Without Lights		
29	Class Room	Tube Light		1	3				900	130	30
		LED Tube light		2					Without Lights		
30	Commerce Dept.	Tube Light		2	5				150	60	200
		LED Tube light		5					Without Lights		
31	Class Room	Tube Light		3	2				200	80	170
		LED Tube light		3					Without Lights		
32	Class Room	Tube Light		1	5				150	50	30
		LED Tube light		3					Without Lights		



Sr. No.	Room	Artificial light			Fan	Power Points		MCB	LUX level			
		Fixture	lumens/ fixture	no. of fixtures		3 pin	power points			Near window	Centre of the Room	Passage/ Entrance Side
33	Class room	Tube Light LED Tube light		2	3				With Lights on Without Lights	160	40	30
34	Class room	Tube Light LED Tube light		3	3				With Lights on Without Lights	240	75	20
35	Class room	Tube Light LED Tube light		2	4				With Lights on Without Lights	210	50	25
36	Class Room	Tube Light LED Tube light		3	2				With Lights on Without Lights	240	65	40
37	Class Room	Tube Light LED Tube light		1	2				With Lights on Without Lights	200	80	20
38	Class Room	Tube Light LED Tube light		4	2				With Lights on Without Lights	450	90	50
39	Dept. of Defence	Tube Light LED Tube light		2	4		6		With Lights on Without Lights	510	90	39
40	Class Room	Tube Light LED Tube light		3	3				With Lights on Without Lights	600	80	30
41	Class Room	Tube Light LED Tube light		1	4				With Lights on Without Lights	4500	150	50
42	Math Dept.	Tube Light LED Tube light		3	2				With Lights on Without Lights	5100	210	70
43	Room	Tube Light LED Tube light		2	2		12		With Lights on Without Lights	500	100	200
44	Psychology Dept.	Tube Light LED Tube light		10	5		4		With Lights on Without Lights	2700	80	1100
45	Room	Tube Light LED Tube light		1	1				With Lights on Without Lights	2670	110	1400
46	XII th Science Class room	Tube Light LED Tube light		4	2				With Lights on Without Lights	2550	140	1300
47	Class Room	Tube Light LED Tube light		7	8			1	With Lights on Without Lights	2100	220	30
48	Botany	Tube Light LED Tube light		3	4		2		With Lights on Without Lights	900	150	40
49	Class Room	Tube Light LED Tube light		3	4				With Lights on Without Lights	800	140	40



Sl. no.	Room	Artificial light			Fan	Power Points		MCB	LUX level			
		Fixture	lumens/ fixture	no. of fixtures		3 pin	power points			Near window	Centre of the Room	Passage/ Entrance Side
50	Class Room	Tube Light		2	5			1	With Lights on	190	170	25
		LED Tube light		1					With Lights on			
51	Class Room	Tube Light		2	4				Without Lights	230	180	30
		LED Tube light		2					With Lights on			
52	Political Science	Tube Light		2	1	2			Without Lights		120	1500
		LED Tube light		2					With Lights on			
53	Class Room	Tube Light		3	5				Without Lights	250	40	1300
		LED Tube light		3					With Lights on			
54	Class Room	Tube Light		1	5				Without Lights	1800	250	3100
		LED Tube light		4					With Lights on			
55	Exam Room	Tube Light		1	5				Without Lights	1600	250	2600
		LED Tube light		2					With Lights on			
56	Class Room	Tube Light		4	3				Without Lights	1800	350	2400
		LED Tube light		4					With Lights on			
57	Class Room	Tube Light		7	4			1	With Lights on	750	650	90
		LED Tube light		4					Without Lights			
58	Class Room	Tube Light		4	4				With Lights on	820	510	50
		LED Tube light		4					Without Lights			
59	Class Room	Tube Light		8	4			1	With Lights on	3100	120	50
		LED Tube light		8					Without Lights			
60	Class Room	Tube Light		2	5				With Lights on	2800	150	60
		LED Tube light		2					Without Lights			
61	C.C.E(Cell For Competitive Exam)	Tube Light		7	4	2			With Lights on	3500	250	1300
		LED Tube light		1					Without Lights			
62	Room	Tube Light		1	2				With Lights on	3200	310	1350
		LED Tube light		9					Without Lights			
63	Dept. of Physics	Tube Light		2	13			1	With Lights on	1850	173	172
		LED Tube light		5					Without Lights			
64	T.Y.B.Sc Class Room	Tube Light		1	2	5			With Lights on	6000	290	172
		LED Tube light		2					Without Lights			
65	Class Room	Tube Light		2	7				With Lights on	8300	340	100
		LED Tube light		2					Without Lights			
66	Class Room	Tube Light		1	5				With Lights on	7885	285	120
		LED Tube light		4					Without Lights			





Sr. no.	Room	Artificial light			Fan	Power Points		MCB	LUX level		
		Fixture	lumens/ fixture	no. of fixtures		3 pin	power points		With Lights on Without Lights	Near window	Centre of the Room
67	Class Room	Tube Light LED Tube light		5 0	5	5			4650	660	390
68	Class Room	Tube Light LED Tube light		2 2	3				4600	565	340
69	IT Dept.	Tube Light LED Tube light		1 3	5	98	1		850	230	35
70	B.5c Computer Class Room	Tube Light LED Tube light		1 2	3				780	220	35
71	Class Room	Tube Light LED Tube light		10	7	120	2		600	375	25
72	Class Room	Tube Light LED Tube light		3	4				550	140	30
73	English Dept.	Tube Light LED Tube light		2	2					360	450
74	Class Room	Tube Light LED Tube light		2 3	3				3400	250	1750



Annexure II  
List of Plants

Sr.No.	NAME OF THE PLANT OR TREE	NUMBERS OF TREES/PLANTS
1	Acacia auriculiformis Benth	38
2	Acacia catechu Willd	47
3	Acacia leucophloea (Roxb) Wild.	36
4	Aegle marmelos( L) Corr.	5
5	Albizia lebeck (L) Corr.	28
6	Albizia procera (Roxb)Benth.	12
7	Annona reticulata L.	10
8	Annona squamosa L.	16
9	Araucaria heterophylla	3
10	Atrocarpus heterophyllus Lam.	1
11	Azadiracta indica L.	98
12	Bauhinia recemosa Lam	36
13	Bauhinia verigate L.	32
14	Bombax ceiba L.	10
15	Butea monosperma (Lam)	1
16	Caesalpinia pulcherima(L.)	1
17	Callistemon lanceolatus (Smith)	3
18	Capparis grandis L.	2
19	Carissa carandas	1
20	Caryota urens L.	16
21	Cassia fistula L.	30
22	Cassia siamea L.	22
23	Casuarina equisetifolia L.	40
24	Celba pentandra (L.) Gart.	15
25	Cocas nucifera L.	5
26	Dalbergia sissoo de candolle	50
27	Delonix regia (Hook.) Raf	38
28	Dendrocalamus strictus (Roxb) Nees	45
29	Dyopsis lutescens (H.Wendl.)Beentje and Dransf	15
30	Emblica officinalis Gaertn	6
31	Erythrina indica	1
32	Eucalyptus globulus Labill.	60
33	Ficus benghalensis L.	4
34	Ficus recemosa L.	3
35	Ficus religiosa L.	4
36	Gliricidia seplum (Jacq.)Kunth ex Walp	8
37	Grevillea robusta A. Cunn.ex .R.Br.	2
38	Jacaranda mimosifolia D. Don	9
39	Khaya senegalensis (Desrousseaux) A Jussieu	4
40	Laucaena latiliqua L. Gillis	12
41	Madhuca longifolia ( J.M.Macbr)	17
42	Mangifera indica L.	24
43	Manilkara hexandra (Roxb)Dubard	2
44	Manilkara zapota (L.P. Royen	1
45	Melia azadirach.	6

Sr.No.	NAME OF THE PLANT OR TREE	NUMBERS OF TREES/PLANTS
46	Michelia champaka L.	2
47	Millingtonia hortensis Linn.	36
48	Niolamarkia cadamba (Roxb)	6
49	Nyctanthus arbr-tristis L.	2
50	Peltophorum pterocarpum (DC) Baker ex K. Heyne	25
51	Phyllanthus acidus (L.)K.Skeels	1
52	Pithecllobium dulce (Roxb.) Benth	4
53	Plumeria alba L.	20
54	Polyalthia longifolia (Sonn)	53
55	Pongamia pinnata (L.)Thw	5
56	Psidium guajava (L.)	6
57	Punica granatum L.	1
58	Roystonea regia (Kunth) O.F. Cook	42
59	Samanea saman (Jacq) Merr.	2
60	Santalum album L.	35
61	Senegalia chundra (Roxb.Ex Rottl)Willd	12
62	Spathodea campanulata Palisot de Beauvius	8
63	Syzygium cumini (L.) Skeel	6
64	Tabebuia argentea ( Bur.and Schum) Britt	10
65	Tamarindus indicus L.	20
66	Tecoma grandis L.F.	8
67	Tecoma stance (L.)	10
68	Terminalia arjuna	1
69	Terminalia catappa	6
70	Thespesia populnea (L.) Soland	3
71	Vitex neguinda L.	6
72	Ziziphus mauritiana Lam	20

