

# BHALERAO SCIENCE COLLEGE SAONER DIST. NAGPUR

Run by Highschool Society Saoner  
Estb. 1993

Affiliation  
Rastrasant Tukadoji Maharaj Nagpur University, Nagpur

UGC status  
12B 2F

NAAC Accreditation Status- 'B'

**ANNUAL REPORT- 2022-23**

Contact: 07113233220

This report is prepared on the basis of available data obtained from different departments and college office, any kind of discrepancies or typographical errors are avoided to the best possible. But if some errors are there can be corrected as it will be brought to the notice.

The data will be updated wherever needed and as and when it is available with the office.

#### Governing body-

Highschool Society Saoner

Vice President- Shri. Vijaysingh R. Saoji

Secretary- Adv. Jayat M. Khedkar

Member- Shri. Anat V. Bhalerao

Member- Shri. Ashok Dube

#### Principal-

Dr. Parag K. Nimishe

#### College Development Committee

President- Shri. Vijaysingh R Sawaji

Secretary- Dr. Parag K Nimishe (Principal)

Member- Adv. Jayantrao Khedkar

Member- Shri. G K Barde

Member- Shri. Sanjay K Bhelkar

Member- Shri. Shailesh Jain

Member- Dr. Chandrashekhar Pandhurnekar

Member- Prof. Milind Barbate

Member- Dr. Prakash Kakde

Member- Dr. Rajatkumar Banerji

Member- Dr. Shalini Sakharkar

Member- Dr. Vilas Doifode

Member- Shri. Vilas Sohagpure

#### Annual Report Committee

Member- Dr. Prashant B. Dabrase

Member- Dr. Amita M. Watkar

Member- Dr. Pravina M. Salve

**BHALERAO SCIENCE COLLEGE SAONER**

**STAFF LIST GRANT/ NOGRANT**

S.N	NAME OF THE STAFF MEMBERS	Teaching
1	DR. P. K. NIMISHE	Principal
2	SHRI R. H. BHAKE	Professor
3	SHRI M.P. BARBATE	-----
4	Dr. S.P.DONGRE	-----
5	DR V.D. DOIFODE	-----
6	DR. A.M. WATKAR	-----
7	DR. P.R. KAKDE	-----
8	DR. P.B. DABRASE	-----
9	DR. P.M. SALVE	-----
10	DR. P. S. ATHAVALE	-----
11	DR. S.R. SAKHARKAR	Librarian
12	DR. R. K. BANERJEE	D.P.Educa
13	SHRI V. R. JUNGHARE	Professor
14	SHRI C.T. POTODE	-----
15	SHRI P.T. CHOUDHARI	-----
16	SHRI V. DESHMUKH	-----
17	KU. P.R. KALE (CHB)	-----
18	SHRI P. DULARE (CHB)	-----
19	KU SUNITA KAWALE (CHB)	-----
20	SAU SHEIKH (CHB)	-----
21	SAU. A. KUSHWAH (CHB)	-----
22	Dr. P.S. ATHAVALE ( CHB)	
23	SHRI S. HIRALE (CHB)	-----
24	MR. SACHIN KHARKHODIYA ( M.SC)	-----
25	KU. V. BALAPURE (M.SC )	-----
26	SHRI V. SHIRSAGAR (M.SC)	-----
27	Ms. MRUNALINI KAWALE ( BCA)	
28	DR Y. K. MESHARAM ( B.SC)	

	Non-Teaching
1	SAU . U. D. PANDE
2	SHRI S.G. BAND
3	SHRI D. F. KATHALE
4	SAU S.S. VYAVHARE
5	SHRI R.G. JOGI
6	SHRI V.P. SOHAGPURE
7	SHRI V.S. SUKE
8	SHRI M.P. BAROLE
9	SHRI H.V. POHAKAR
10	SHRI K.D. MANKAR
11	SHRI R.S. TAGDE
12	SHRI R.N. DHURVE
13	SAU P.D. MOHITE
14	SHRI S.T. MENDHE
15	SHRI S. N. MORE

## Introduction:

Bhalerao Science College, Saoner is a only institute that provides quality education to the students in the whole tahasil of Saoner. It is a premier institute that is dedicated to fulfil the need of the science students with its qualified and motivated staff. This institute was established in the year 1993 with the permission from the government GR AC/cs/1/1987- dt 3/9/93 to start undergraduate course in science as BSc with capacity of 120 students in the subjects Maths, Physics, Chemistry, Botany and Zoology latter on Computer science and BCA from 2001 and MSc in the subject of Mathematics as Post graduate course with capacity of 22. Also the institute provides different skill based and job oriented courses. The institute also has the intake quota of additional section for the BSc with the capacity of 100 students from the year 2017.

The college is run by the High school society saoner, is permanently affiliated to Rashtrasant Tukdoji Maharaj Nagpur University, Nagpur and having UGC status of 2F and 12B from 2007. We have been re-accredited by NAAC Bangalore with B grade in the year 2019.

With the whole hearted, dedicated hard working staff the college is moving to achieve its goals and strive to gain the objectives. All the credit of the achievements goes to the students and staff in maintaining the quality of the institution under the guidance and encouragement from the governing body. We have rolled out 28<sup>th</sup> batch of under graduates since 1996

For the effective and well organised functioning of the College we have different committees for the different activities, mainly College Development Committee, Internal Quality Assessment Cell, Admission Committee, and other committees charted below with its members.

For the effective and scheduled functioning of the college, College calendar, Time table and teaching plans were prepared well in advance to the commencement of actual teaching. For the first 2 weeks all the departments started the teaching by initialising the basic concept based theoretical and practical course. There are different activities which improves the overall performance of the students and encourage them to excel. Thus our students have achieve many targets in the academics, cultural and sports events. There are many motivational and inspiring activities and programs organised by different departments for the benefit of our students.

## All College Committees

### List of Faculties and other Staff

M. Phil-01, Ph D- 13, NET or SET-

Other staff is also well educated having 12<sup>th</sup> pass to Post Graduated and some of them have acquired Ph D, NET or SET qualifications also.

### Staff list

## Courses offered

Under Graduate - BSc –from 1993, BCA- from 2001 and then from 2023-24

Post Graduate- MSc –Maths- from 2015

## Admissions – 2022-23

Under Graduate

1) BSc (Bachelor of Science) **Granted** section and **non Grant** Additional section

### Sem-I and II

Intake capacity –	120	and	100
Admissions -	120	and	40
Programs- PCM	and	CBZ	and CS and

### Sem-III and IV

Intake capacity –	120	and	100
Admissions -	109	and	29
Programs PCM	and	CBZ	and CS and

### Sem-V and VI

Intake capacity –	120	and	100
Admissions -	116	and	24
Programs- PCM	and	CBZ	and CS and

2) BCA- Intake capacity – 120

Admissions - 00

## Post Graduate

MSc (Master of Science) –I

Intake capacity – 22

Admissions - 17

MSc (Master of Science) –II

Intake capacity – 22

Admissions 00

## Results

### BSc -1<sup>st</sup> year

Winter 22 Sem-I

Subject	Appeared	Pass	% tage	Topper	
Phy	98	06		Sargam Tagde	63%
Che	77	12		Bhawana Ganorkar	76%
Maths	93	32		Krutika Kadaskar	70.6%
Bot	53	18		Ketaki Kadu	79.3%
Zoo	54	19		Bhavana Goneka	70.6%
Comp. Sci					%
Overall	152		18.42		%

Summer 23 Sem- II

Subject	Appeared	Pass	% tage	Topper	
Phy	91	18		Darshana Bhange	69%
Che	74	08		Muskan Khan	58.6%
Maths	83	10		Kumkum Barendiya	69.3%
Bot	49	16		Shrutika Thakre	71.3%
Zoo	52	14		Reena Dadle & Sejal Mirche	60.6%
Comp. Sci					%
Overall	144		10.42		%

### BSc -2<sup>nd</sup> year

Winter 22 Sem-III

Subject	Appeared	Pass	% tage	Topper	
Phy	73	36		Arzoo Bodhe	89%
Che	89	25		Pooja Bobde	83.3%
Maths	72	46		Arzoo Bodhe	93.3%
Bot	65	55		Akanksha Rushiya	88.7%
Zoo	65	43		Akanksha Rushiya	79.3%
Comp. Sci					
Overall	137		28.47		

Summer 23 Sem-IV

Subject	Appeared	Pass	% tage	Topper	
Phy	72	28		Arzoo Bodhe	95.3%
Che	89	17		Annapurna Sahu	80%
Maths	69	10		Arzoo Bodhe	66%
Bot	64	33		Nishita Kachwah	88.7%
Zoo	65	30		Nikita Kahate	80%
Comp. Sci					
Overall	137		14.60		

### BSc -3<sup>rd</sup> year

Winter-22 Sem-V

Subject	Appeared	Pass	% tage	Topper	
Phy	78	54		Ankita Dhumne	81%
Che	88	12		Ankita Dhumne	81.3%
Maths	78	22		Nikita Aote	59.3%
Bot	58	29		Sonal Padole	84.6%
Zoo	62	20		Sarita Barapatre	70%
Comp. Sci					
Overall	140		17.14		

Summer-23 Sem- VI

Subject	Appeared	Pass	% tage	Topper	
Phy	78	57		Mohini Kathaoute	81%
Che	88	31		Ankita Dhumne	71.3%
Maths	76	38		Mohini Kathaoute	69.3%
Bot	54	39		Chahat Sontakke	81.3%
Zoo	59	39		Sonal Padole	78.6%
Comp. Sci					
Overall	137		40.15		

### Progression

Out of the students admitted in the college and appeared in the final exam many students preferred to acquire some or the other jobs for their family financial support. Some pursue for the higher education and different competitive exam oriented courses.

MSc and MCA – 35

MCA- 7 MTH- 07

CHE- 09

BOT- 12

### Infrastructure-

We have well equipped infrastructure, separate rooms for different classes, IQAC, NSS, Sports/ Physical education, etc. Our college premises is WIFI enabled with four-five routers and fast internet.

Class rooms- 12

Well maintained Classrooms with the necessary fixtures. Some rooms are having minimum ICT facilities.



### Laboratories- 05

Well-equipped laboratories with necessary and multiple sets of laboratory machinery or equipment as per the requirement of syllabus of the University and also some laboratories are having the instrumentation to initiate and carryout the research.

Physics, Chemistry, Botany, Zoology, Computer science.

### Library

With reading room facility, library is having in all 4734 Number of books, N-LIST- 5900 e-journals, 05 periodicals, other reading materials, online library books and journals from INFLIBNET, having automation facility with LIBMAN software

### Computer lab –

We have well equipped Computer department with LAN and WAN facility comprising of more than 75 advanced computer machines with the facility of network printing. With the help of this department every digital work of the college gets rollout.

### Auditorium-

A very spacious, capacity of 500+, ventilated auditorium gives prestigious feel in organising the different events and college programs.

### ICT enabled classrooms -03

There are three- four ICT enabled Classrooms or laboratories available for the use of digital material and data as per the need of the students and teachers.

### Departments-

We have mainly the following departments:

Physics, Mathematics, Chemistry, Botany, Zoology, Computer science, Library, Sports, NSS, IQAC, Skill development, etc

### Achievements-

#### Feathers in the crown

Academic, sports and other

One of our Alumni- Mr. Mayur Kalambe has been awarded with JRF and qualified in UGC-CSIR-NET examination of Dec 2022

Our students have participated in different intercollegiate, state, university level different academic and other competitions conducted by different organisations at various places and brought laurel to the institute.

Our student Miss. Nidhi Bondre of BSc Sem- IV, Physics have wined First Prize in the inter University VUPTA- students seminar competition for the Poster presentation competition.

Also there are different winners in the sports competition as well as co-curricular competitions.

Our students Miss. Sayali Tekade of Sem –I win 1<sup>st</sup> Prize in the Women's inter collegiate Taekwondo competition at RTMNU Nagpur, in the group of under 53kg., the competition was organized in the month of September 2022

The other winners are Miss. Pratiksha Choudhary won 1<sup>st</sup> Prize in the group of under 62kg

And Miss. Swati Yadav grabbed Gold Medal in the group of under 67kg in that competition.

## Activities

### Functional MOU's

We are having some functional MOU's like,

MOU of Botany Dept. with M P Deo Memorial College, Dharampeth, Nagpur, and Sindhu Mahavidyalaya, Nagpur for organising a workshop on "Pharmacognosy and Herbal technology" – the workshop was organised on 08 March 2023

MOU of Botany Dept. with N H College, Bramhapuri, for organising a program on "To stimulate and facilitate the development of collaborative and mutually beneficial programmes" was organised on 22 Dec 2022

## Research

At our College University had granted the permission to carry out research guidance to some Teachers and under their guidance we have got more than 15 PhD's.

Some students are pursuing the PhD and M Phil in the subjects of Physics- 02, Botany- 02, Library- 02 and Physical education- 01

## Publications

### National

Every year our teachers work hard for the research publication, this year we have 02 National research publications.

Dr. S. P. Dongre had published his paper in the "Journal of Material sciences & engineering" having ISSN- 2169-0022

Dr. V. D. Doifode had his research paper, "Effect of biofertilizers on the growth yield of soghen Crop" published in the journal "Shodh prabha" having ISSN- 0974-8946

### International

Dr. Mrs. A. M. Watkar had her research paper, "Domestic Violence during Covid-19- pandemic" published in the international journal "Research Hub- international e-journal" having ISSN- 2582-9173 during April 2023.

## Conference

Our teachers also take active part in attending and presenting their research work in the different State, National and International level conferences, seminars and workshops.

### Books

This year we are having two books published by our teachers,

Dr. S. P. Dongre had published his book, "Hydrogen gas sensing through Nanofibers" with ISBN-978-620-6-75384-1 by Lambert Academic Publishing

Dr. V. D. Doifode have his book, "Agriculture Science : Research and review volume -8" published by "Bhumi Publishing" with ISBN- 978-23-91768-63-8

### Other

Some of our teachers are engaged in article writing in the different daily newspapers or magazines.

## Facilities for students

### Financial Assistance

As per the provisions from the state and centre there are different schemes of scholarships for the socially and economically weaker section of the society. We facilitate the different schemes which benefited nearly 259 students by providing the scholarship of around Rs. 9,95,629/-

### Career/ Professional development

We are having special committee to look after the guidance of career and professional development. The committee organises different seminar and workshops for the benefit of students.

### Skill development

We have the MOU with the NGO, "Samata Foundation, Mumbai" under the guidance from the RTMNU, Nagpur University for providing the training of cloths tailoring, solar panel fitting and health guidance. They provide the free of cost training to our students -

### Extra-curricular

We have regular practice of organising the Annual –Event for the benefit of our students to showcase their dormant capabilities. During this event there are different co-curricular and sports activities and competitions were organised, like, Running, Kabaddi, Cricket, Holy ball, Carom, Chess, Badminton, discus through, Arrow, slow cycling, lemon spoon and musical chair, etc under the sports category for two-days and Rangoli, Mehendi, Craft, Poster, Debate, Extempore, Essay, Bhavgeet, Quiz competition, Antakshari and variety entertainment which is followed by Prize distribution with the hands of invited different dignitaries. This event was organised during **11<sup>th</sup> to 16<sup>th</sup> February**

### Wall- paper

This venture is the monthly activity run by the students for the development of writing skill and preparation for the competitive exams.

### Students – seminar competition

Is the activity organised during the first week of September for the development of stage daring and presentation skill amongst the students.

### Facilities for Employees

There are the provisions of organising the different seminars, guest lectures to update the teaching and other staff of the institute.

### College Calendar

We have a regular practise of preparing the College Calendar as per the University Calendar and the different departments prepare their teaching plan accordingly.

### Mentor- Mentee program

We have the practice of looking into the need of the students as far as possible but the every work carried out by the individual teacher or the staff was not properly documented. This year our Principal had taken an initiative to start Mentor- Mentee program and allotted 30 above students to each teacher to look after the need or the basic problems in the study and related other issues faced by the students. There are in all 14-15 groups named after the names of eminent scientist of our nation.

### Initiatives

#### Green initiatives

We have adopted the different ideas to propagate and implement Green- initiatives, like we have solar power generation plant of 3 KVA, due to this we have reached nearly zero bill from the electricity distribution company. We also encourage decrease or reduce the use of paper work by implementing the digital initiatives.

#### Power saving

Use of green initiatives to save and reduce use of electricity where ever possible.

#### Water conservation

Encourage to use water with more preciously and responsibly

#### Rain Water Harvesting

We have working plant of rain water harvesting to encourage to use water with more preciously and responsibly and save the water.

#### Pollution awareness

The guest lecture was organised to create awareness about different environmental pollution.

#### Traffic rules

Every year traffic department of saoner Police station brings traffic awareness amongst the students by demonstration and guest lecture.

#### Legal awareness

Every year BAR association of saoner, "saoner vakil sangh," organises awareness of different laws amongst the students by guest lecture.

### Health awareness

The college organises the different health awareness guest lecture and program for the students and staff.

### Competitive exam

Career and counselling committee or NSS or the IQAC organises the awareness and guidance program for the students.

### Extracurricular activities

Under the College annual event this is taken care of.

### Togetherness, Help to needy

EPSWS- (Economically Poor Students Welfare Scheme)-is the unique activity of our College which was started to help the needy students. Those unable to bear the exam fees or admission fees or travel expenses and purchase books. All the students and staff contribute as per their capacity and the collection is then distributed to the needy.

With this activity we develop the values of togetherness and help to needy amongst the stake holders

### Entrepreneurship

Career and counselling committee or NSS or the IQAC organises the awareness and guidance program for the students.

### Career Guidance and Higher studies

Career and counselling committee or NSS or the IQAC organises the awareness and guidance program for the students.

### NSS day

NSS and College organises the awareness and guidance program for the students by arranging guest lecture on this occasion on **24<sup>th</sup> September**.

### Science day

Science club and College mainly department of Physics and Botany organises the awareness and guidance program for the students by arranging guest lecture on this occasion on **28<sup>th</sup> February**.

This year Department of Physics had organised the students experimental presentation competition and College had celebrated the day by arranging guest lecture of Dr. Mahesh Chopde of Jain International institute of Technology, Nagpur, the awareness program on entrepreneurship.

### Voters day

For awareness amongst the newly registered voters this day is celebrated. The NSS department organises the activity on **25<sup>th</sup> January**.

### Woman's day

Women's Cell and others take this opportunity to encourage and motivate women to bring them in the main stream and develop self confidence amongst the female students of our college, this activity is organised as guest lecture on various issues related with the women. This year the awareness about legal advice and different laws for the women was discussed. The women's day was celebrated on **8<sup>th</sup> March**.

### Samvidhan diwas

To commemorate the adoption of the Constitution of India on **26<sup>th</sup> November** this day is also known as National Law Day. College celebrate this day as per the GR from the government by reading the preamble of the Constitution of India and guest lecture or guidance about the duties and rights of citizens.

### Shahid diwas

We observe this day on **23<sup>rd</sup> March** to remember our three brave freedom fighters, Bhagat Singh, Shivraman Rajguru and Sukhdev Thapar

### Mahatma Gandhi Jayanti

Birth day of Mahatma Gandhi is celebrated on the **2<sup>nd</sup> October**

### Dr. Babasaheb Ambedkar Jayanti

We celebrate **14<sup>th</sup> April** as birth day of Dr. B R Ambedkar on his birthday documentary related to the life or work of Dr. Ambedkar or the guest lecture was organised.

### Mahaparinirvan deen

We remember and pay tribute to Dr. B R Ambedkar on his birthday i.e. **14<sup>th</sup> April**, the essay competition was organised on this occasion.

### Republic Day

The College with its sister institute Junior College celebrates Republic Day on **26<sup>th</sup> January**

### Independence Day

The College with its sister institute Junior College celebrates Independence Day on **15<sup>th</sup> August**

### Maharashtra Day

The College with its sister institute Junior College celebrates Independence Day on **1<sup>st</sup> May** on the occasion of formation of Maharashtra state.

### Vachan Prerna Diwas

To commemorate our late President of India Dr. APJ Abdul Kalam, we celebrate this day on his birth day on **15<sup>th</sup> October** the department of library science takes the initiative to organise this program with guest lecture or books exhibition.

### Library Day

One more program is in the credit of department of Library is the Library day on **12<sup>th</sup> August** to commemorate the work of Dr. S. R. Ranganathan by organising books exhibition.

### Founders Day

We with all our sister institutes celebrate the founder's day 'Bhalerao Guruji Jayanti' on **12<sup>th</sup> August** to remember and pay tribute to the founder of High school society saoner, a parent body of our institute. On this occasion the prizes and gifts were distributed to the best performances in academic and other fields. This year we have got Pro-VC of RTMNU, Nagpur Dr. Sanjay Dudhe as the guest of honour.

### Founders Remembrance Day

We with all our sister institutes celebrate the founder's remembrance day, 'Bhalerao Guruji Punyatithi' on **24<sup>th</sup> February** to remember and pay tribute to the founder of High school society saoner, a parent body of our institute.

### Fresher's Day

Our students of Final year organises different activities for the entering students on some day in the month of August or September.

### Send-off to our final year students

Our students of second year organises different activities for the outgoing students on some day in the month of March or April.

### Earth Day

Department of Botany takes an initiative to celebrate Earth day on **22 April** and organises a guest lecture on this occasion.

### Yoga Day

We celebrate international Yoga day on **21<sup>st</sup> June** on recognition of importance of Yoga in life and health. The day is summer solstice marks the transition of Dakshinayan.

On this occasion the staff and students performs Suryanamaskar and different Yoga poses. Sometimes there will be a guest lecture on importance of yoga were organised.

Bhalerao Science College, Saoner

**College Calendar 2022-23**

Month	Date	Activity
June	21 <sup>st</sup>	International Yoga Day
June	23 <sup>rd</sup>	Commencement of College new session
July	4 <sup>th</sup> week	Tree plantation
August	12 <sup>th</sup>	Bhalerao Guruji Jayanti -Founder's Day celebration
August	15 <sup>th</sup>	Independence Day celebration
September	2 <sup>nd</sup> week	Students Seminar Competition
September	24 <sup>th</sup>	NSS Day program
September	30 <sup>th</sup>	Students meeting
October	2 <sup>nd</sup> week	College first internal exam
October	20 <sup>th</sup> Oct to 29 <sup>th</sup> Oct	Diwali Vacation
November	21 <sup>st</sup>	Winter exam of RTMNU as per Uni. Calendar
November	24 <sup>th</sup> Nov to 07 <sup>th</sup> Dec	Winter Vacation
November	26 <sup>th</sup>	Samwidhan diwas
December	1 <sup>st</sup> week	EPSWS program
December	6 <sup>th</sup>	Essay competition
December	08 <sup>th</sup>	Commencement of second term
December	3 <sup>rd</sup> week	Excursion Tour by different departments
December	Last week	Annual sports and cultural event
January	12 <sup>th</sup>	Youth day program
January	2 <sup>nd</sup> week	Guest lecture
January	26 <sup>th</sup>	Republic Day celebration
February	24 <sup>th</sup>	Shri Bhalerao Guruji Punyatithi
February	28 <sup>th</sup>	National Science Day
April	1 <sup>st</sup> week	College Second internal examination
April	22 <sup>nd</sup>	RTMNU Summer exam starts (as per Univer Notifi...)

Summer vacation will be from 01<sup>st</sup> May 2023 till 15<sup>th</sup> June 2023. The College will try it's level best to stick to this calendar.