

Shiksha Mandal's
Bajaj College of Science, Wardha
(Autonomous)
Jamnalal Bajaj Marg, Civil Lines, Wardha (Maharashtra) 442001

**Report on Performance of the Institution
for the Academic Year 2024-25
By External Peer Team of IQAC**

Date of Visit : 03/05/2025

Submitted to



**University Grants Commission (UGC) Bahadur Shah Zafar Marg,
New Delhi – 110002**

Shiksha Mandal's
Bajaj College of Science, Wardha
(Autonomous)
Jamnalal Bajaj Marg, Civil Lines, Wardha (Maharashtra) 442001

**IQAC-EXTERNAL PEER TEAM REPORT ON PERFORMANCE OF THE
INSTITUTION – ACADEMIC YEAR 2024-25**

Members of External Peer Team :

Dr. U. D. Gulhane (Chairman)	Professor and Head, Department of Mechanical Engineering, Bapurao Deshmukh College of Engineering, Sevagram, Wardha / Director, Urvi Transformers, Wardha.
Dr. Dilip Gupta (Member)	Director, Professor and Head, Department of Surgery, MGIMS, Sewagram.

Date of Visit to the college : 03/05/2025

1.	Name of the College	:	Bajaj College of Science, Wardha
2.	Name of the Principal	:	Prof. P.V. Tekade
3.	Telephone / Fax / Email	:	Phone/Fax 07152-230515 Phone 07152-241696 Email : jbsciencewardha@yahoo.co.in
4.	Year of establishment	:	1962
5.	Whether private or government or University maintained	:	Private-Aided
6.	NAAC Accreditation	:	B++ Grade, CGPA 2.93 valid upto August 01, 2028
6.	Autonomous Status	:	UGC granted Autonomous institute UGC granted Extension vide letter No. F.2-10/2023(AC-Policy) dated 13/11/2023 valid upto 2027-28. Earlier UGC reference Letter No. F.22-1/2017(AC) dated 06/04/2017.
7.	Name of the Affiliating University	:	Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur

8. Programmes Offered :

Under Graduate – Bachelor of Science (B.Sc. I and II) (NEP)

B. Sc. Botany
B. Sc. Chemistry
B. Sc. Electronics
B. Sc. Mathematics
B. Sc. Microbiology
B. Sc. Physics
B. Sc. Zoology
B.Sc. Computer Science
B.Sc. Biotechnology

Subjects / Group offered at UG level B.Sc. III year (Non NEP)

Mathematics – Physics – Chemistry
Mathematics– Physics – Electronics
Mathematics –Physics – Computer Science
Mathematics –Electronics – Computer Science
Chemistry – Biotechnology – Botany
Chemistry – Biotechnology – Microbiology
Chemistry – Biotechnology –Zoology
Chemistry – Botany – Zoology
Chemistry – Microbiology – Botany
Chemistry – Microbiology – Zoology

Post Graduate Programmes – Master of Science (M.Sc.)

M.Sc. Botany
M.Sc. Chemistry
M.Sc. Microbiology
M.Sc. Zoology
M.Sc. Mathematics

Research (Ph.D.)

Ph.D. in Botany
Ph.D. in Chemistry
Ph.D. in Zoology
Ph.D. in Microbiology

Other Short Term courses

SN Name of the Course

- 1 Carrier Oriented Course in Clinical Laboratory Technology
- 2 Certificate Course in Introduction to Pharma and Biotech industry, CGMP, Quality control and Research in Industry
- 3 Certificate Course in Biofertilizer Production

SN Name of the Course

- 4 Green synthesis of nanoparticles
- 5 Certificate Course in Herb and Herbal products
- 6 Certificate Course in Statistical Analysis using R
- 7 Certificate Course on Mushroom Cultivation
- 8 Certificate Course in Nanoscience and Nanotechnology
- 9 Certificate Course in Astronomy and Indian Space Science
- 10 Certificate Course in Arduino and sensor integration
- 11 Software based “Spoken tutorial program” in association with IIT, Mumbai
- 12 Certificate Course in Computer Awareness
- 13 Certificate Course in Data Science using R
- 14 Certificate Course in Python for Data Analysis
- 15 Certificate Course in Industrial Waste Water Management
- 16 CPBFI – Certificate Program in Banking, Finance and Insurance
- 17 Certificate Course in “Innovation, Start-up and Entrepreneurship”
- 18 Foundations for IIT-JAM Success: Comprehensive Certificate Course
- 19 Certificate Course in Soaps, Detergents and Disinfectants
- 20 Certificate Course in Vermicompost Technology
- 21 Certificate Course in Sericulture
- 22 Certificate Course in Fresh Water Fish Culture
- 23 Certificate Course in Green Career
- 24 Certificate Course in Fundamentals of Molecular Biology
- 25 Certificate Course in Circuit Maker Simulation Software (Online)
- 26 Certificate Course in Library Resources and Library Services

9. Details of Teaching Staff

Category	Sanctioned	Total	Working			Total	Vacant	Total
	Asstt. Prof.		Prof. (CAS)	Asso. Prof. (CAS)	Asstt. Prof.		Asstt. Prof.	
Aided	53	53	1	6	20	27	24	24
Non-aided	17	17	--	--	18	18	--	--
Others	--	--	--	--	--	--	--	--
Total	62	70	1	6	38	45	24	24

10. Details of Non-Teaching Staff

SN	Designation	Number
1	Superintendent	0
2	Head Clerk	1
3	Senior Clerk	1
4	Junior Clerk	2
5	Library Clerk	1
6	Laboratory Assistant	10
7	Laboratory Attendant	27
8	Library Attendant	2
9	Peon	3
10	Staff on Contract Basis	6
	Total	53

11. Students on Roll

S.No.	Course	Intake	Actual enrolment at present
1	B.Sc.	960	671
2	M.Sc. Botany	44	28
3	M.Sc. Chemistry	44	43
4	M.Sc. Microbiology	44	31

5	M.Sc. Zoology	44	15
6	M.Sc. Mathematics	44	23
7	Ph.D. in Botany	20	7
8	Ph.D. in Chemistry	20	2
9	Ph.D. in Zoology	20	4
10	Ph.D. in Microbiology	20	0
11	Carrier Oriented Course in Clinical Laboratory Technology	20	21
12	Certificate Course in Introduction to Pharma and Biotech industry, CGMP, Quality control and Research in Industry	40-50	17
13	Certificate Course in Biofertilizer Production	50	10
14	Green synthesis of nanoparticles	20	13
15	Certificate Course in Herb and Herbal products	30	13
16	Certificate Course in Statistical Analysis using R	40	--
17	Certificate Course on Mushroom Cultivation	20-30	25
18	Certificate Course in Nanoscience and Nanotechnology	32	--
19	Certificate Course in Astronomy and Indian Space Science	25	4
20	Certificate Course in Arduino and sensor integration	20	--
21	Software based “Spoken tutorial program” in association with IIT, Mumbai	All Students of B.Sc. II and M.Sc. II	474
22	Certificate Course in Computer Awareness	40	38
23	Certificate Course in Data Science using R	30	22
24	Certificate Course in Python for Data Analysis	20	23
25	Certificate Course in Industrial Waste Water Management	50	84
26	CPBFI – Certificate Program in Banking, Finance and Insurance	40	56
27	Certificate Course in “Innovation, Start-up and Entrepreneurship”	50-60	53
28	Foundations for IIT-JAM Success: Comprehensive Certificate Course	100	18
29	Certificate Course in Soaps, Detergents and Disinfectants	100	65
30	Certificate Course in Vermicompost Technology	15	15
31	Certificate Course in Sericulture	05-20	09
32	Certificate Course in Fresh Water Fish Culture	05-20	07

33	Certificate Course in Green Career	20-30	NA
34	Certificate Course in Fundamentals of Molecular Biology	15	14
35	Certificate Course in Circuit Maker Simulation Software (Online)	30	NA
36	Certificate Course in Library Resources and Library Services	30	--

12. Results under Autonomy

UG Sem II Summer 2024 Examination result under NEP

Sem II	B.Sc. Botany	B.Sc. Chemistry	B.Sc. Electronics	B.Sc. Micro.	B.Sc. Maths	B.Sc. Physics	B.Sc. Zoology
% of Passing	87.18	75.00	71.43	100	68.18	70	79.41
Enrolled	39	64	14	25	22	20	34
Pass	34	48	10	25	15	14	27
Distinction	12	21	1	20	6	6	7
First Class	21	24	8	5	8	8	19
Second Class	01	3	1	0	1	0	1
Witheld	01	3	0	0	0	0	2

Subject wise result of B.Sc. Sem II under NEP

S.N.	Subject Name	Enrolled	Passed	% of Passing
1	Botany Major	37	37	100.00
2	Chemistry Major	58	55	94.83
3	Electronics Major	13	10	76.92
4	Mathematics Major	22	15	68.18
5	Microbiology Major	25	25	100.00
6	Physics Major	20	15	75.00
7	Zoology Major	31	27	87.10
8	Botany Minor	22	22	100.00
9	Chemistry Minor	33	31	93.94
10	Electronics Minor	7	4	57.14
11	Mathematics Minor	16	10	62.50
12	Microbiology Minor	28	21	75.00
13	Physics Minor	8	6	75.00
14	Zoology Minor	37	37	100.00
15	Biotech Minor	25	21	84.00
16	Computer Science Minor	29	25	86.21

UG Sem IV Summer 2024 Examination result Non-NEP

	B.Sc. Sem IV	Bot	Chem	Elect.	Micro.	Maths	Phy.	Zoo	BT	C.S.
% of Passing	58.44	81.82	71.55	58.33	75.86	49.09	64.29	74.14	62.96	76.92
Enrolled	154	54	115	23	58	52	37	57	27	25
Pass	90	45	83	14	44	27	27	43	17	20
Distinction	18	7	13	4	8	2	4	13	1	4
First Class	42	28	32	7	15	6	15	18	11	7
Second Class	30	10	37	3	20	6	7	12	5	9
Third Class	0	0	1	0	1	13	1	0	0	0

UG Sem VI Summer 2024 Examination result Non-NEP

	B.Sc. Sem VI	Bot	Chem	Elect.	Micro.	Maths	Phy.	Zoo	BT	C.S.
% of Passing	66.85	83.08	75.76	57.14	79.69	71.88	73.68	77.36	73.53	71.43
Enrolled	178	64	132	27	64	61	55	53	34	20
Pass	119	54	100	16	51	46	42	41	25	15
Distinction	32	15	19	6	10	7	20	11	4	5
First Class	62	29	36	7	25	14	16	20	13	6
Second Class	25	10	44	3	16	23	6	9	8	4
Third Class	0	0	1	0	0	2	0	1	0	0

PG Sem II Summer 2024 Examination result under NEP

Sem II	M.Sc. Botany	M.Sc. Chemistry	M.Sc. Micro.	M.Sc. Math.	M.Sc. Zoology
% of Passing	75.00	95.45	92.31	80.00	100.00
Enrolled	16	22	13	5	8
Pass	12	21	12	4	8
Distinction	8	16	9	2	4
First Class	4	5	3	2	4
Second Class	0	0	0	0	0

PG Sem IV Summer 2024 Examination result Non-NEP

Sem IV	M.Sc. Botany	M.Sc. Chemistry	M.Sc. Micro.	M.Sc. Math.	M.Sc. Zoology
% of Passing	91.67	81.82	95.00	63.16	100.00
Enrolled	12	22	20	19	12
Pass	11	18	19	12	12
Distinction	1	5	2	1	4
First Class	8	12	16	5	8
Second Class	2	1	1	6	0

Subject wise result of B.Sc. Sem I under NEP Winter 2024 Examination

Sr. No	Subject	Subject Name	Dist.	First Class	Second Class	Third Class	Enrolled	Appeared	Passed	Failed	Absent	% of Passing
1	Biotech.	Major	3	4	6	4	20	19	17	2	1	89.47%
		Minor	2	3	6	2	15	14	13	1	1	92.86%
2	Bot.	Major	2	1	11	13	49	48	27	21	1	56.25%
		Minor	5	7	12	7	48	48	31	17	0	64.58%
3	Comp.Sci.	Major	3	6	14	7	42	42	30	12	0	71.43%
		Minor	0	0	5	0	9	8	5	3	1	62.50%
4	Chem.	Major	8	15	22	9	76	74	54	20	2	72.97%
		Minor	5	3	13	10	61	59	31	28	2	52.54%
5	Elect.	Major	1	0	1	0	5	3	2	1	2	66.67%
		Minor	1	1	3	5	23	22	10	12	1	45.45%
6	Micro.	Major	3	3	11	5	28	28	22	6	0	78.57%
		Minor	3	2	9	7	28	27	21	6	1	77.78%
7	Maths.	Major	2	3	4	4	24	24	13	11	0	54.17%
		Minor	3	4	3	4	30	30	14	16	0	46.67%
8	Phy.	Major	1	1	4	3	18	17	9	8	1	52.94%
		Minor	1	2	7	12	37	34	22	12	3	64.71%
9	Zoo.	Major	2	6	6	6	40	37	20	17	3	54.05%
		Minor	1	12	12	9	51	49	34	15	2	69.39%
10	AEC		46	91	79	23	302	290	239	51	12	82.41%
11	IKS		49	89	86	30	302	283	254	29	19	89.75%
12	VEC		119	98	71	5	302	293	293	0	9	100.00%

Subject wise result of B.Sc. Sem III under NEP Winter 2024 Examination

Sr. No	Subject	Subject Name	Distinction	First Class	Second Class	Third Class	Enrolled	Appeared	Passed	Failed	% of Passing
1	Biotech	Minor	0	7	7	6	23	21	20	1	95.24%
2	Bot.	Major	2	8	13	11	36	36	34	2	94.44%
		Minor	1	3	10	7	23	23	21	2	91.30%
3	Comp. Sci.	Minor	1	7	11	5	29	29	24	5	82.76%
4	Chem.	Major	8	10	23	8	55	52	49	3	94.23%
		Minor	3	11	11	4	32	31	29	2	93.55%

Sr. No	Subject	Subject Name	Distinction	First Class	Second Class	Third Class	Enrolled	Appeared	Passed	Failed	% of Passing
5	Elect.	Major	3	2	5	0	13	13	10	3	76.92%
		Minor	0	3	0	1	5	5	4	1	80.00%
6	Micro.	Major	4	11	8	2	25	25	25	0	100.00%
		Minor	1	0	4	17	25	25	22	3	88.00%
7	Maths.	Major	3	3	6	4	18	18	16	2	88.88%
		Minor	0	3	5	6	16	16	14	2	87.50%
8	Phy.	Major	1	3	8	4	19	19	16	3	84.21%
		Minor	0	1	1	2	7	6	4	2	66.67%
9	Zoo.	Major	4	11	7	6	30	30	28	2	93.33%
		Minor	1	9	20	6	36	36	36	0	100.00%
10	AEC (HINDI)		9	33	20	1	66	65	63	2	96.92%
11	AEC (MARATHI)		59	43	25	0	130	127	127	0	100.00%

UG Sem V Winter 2024 Examination result Non-NEP

B. Sc. Sem V	Biotech.	Bot.	Che.	Comp. Sci.	Elect.	Maths	Micro.	Phy.	Zoo.
% of Passing	53.33%	89.29%	79.49%	76.92%	73.91%	69.81%	78.95%	73.68%	80.70%
Enrolled	30	56	117	26	23	53	57	38	57
Pass	16	50	93	20	17	37	45	28	46
Distinction	3	4	23	2	2	2	8	7	11
First Class	3	28	37	8	8	10	21	16	23
Second Class	10	18	31	10	5	13	16	5	12
Third Class	0	0	2	0	2	12	0	0	0
Withheld	0	0	0	0	0	0	0	0	0

PG Sem I Winter 2024 Examination result under NEP

M.Sc. Sem I	M.Sc. Botany	M.Sc. Chemistry	M.Sc. Maths	M.Sc. Micro.	M.Sc. Zoology
% of Passing	84.62%	90.91%	72.22%	68.42%	83.33%
Enrolled	13	22	18	19	6
Pass	11	20	13	13	5
Distinction	1	10	2	4	5
First Class	10	10	10	9	0
Second Class	0	0	1	0	0
Third Class	0	0	0	0	0
Withheld	0	0	0	0	0

PG Sem III Winter 2024 Examination result Non-NEP

M.Sc. Sem III	M.Sc. Botany	M.Sc. Chemistry	M.Sc. Maths	M.Sc. Micro.	M.Sc. Zoology
% of Passing	93.33%	95.24%	80%	91.67%	100%
Enrolled	15	21	5	12	9
Pass	14	20	4	11	9
Distinction	6	14	1	3	6
First Class	8	6	3	8	3
Second Class	0	0	0	0	0
Third Class	0	0	0	0	0
Withheld	0	0	0	0	0

- The college has established IQAC from 6th January, 2000. The IQAC is constituted as per the guidelines of UGC & NAAC. The team observed the working of IQAC, its plans for quality improvement, monitoring mechanism, output of the activities, etc.

The structure of the IQAC for the session 2024-25 is---

S.N.	Name of the Member	Designation
1	Prof. P.V. Tekade, Principal	Chairman
2	Dr. C. D. Zanwar, Shiksha Mandal, Wardha	Member from Management
3	Dr. Dilip Gupta, Head, Department of Surgery, MGIMS, Sewagram	Member External PEER team
4	Dr. U.D. Gulhane, Prof. and Head, Department of Mechanical Engineering, B.D. Deshmukh College of Engineering, Sewagram Wardha.	
5	Dr. Vikas Chandra Choudhary, Senior Scientific Officer, MGIRI, Wardha	Member Nominee from Local Society
6	Dr. Vishal Lichade Director, Softsense Technoserve, Pvt. Ltd. Nagpur.	Member, Alumnus and Nominee from industry
7	Ms. Sakshi Sambare, Student B.Sc. First Year.	Member, Student Representative
8	Dr. S.H. Bagade, HOD, Dept. of Physics, Dr. P. F. Dhabarde, HOD, Dept. of Botany Dr. M.R. Chandrakar, HOD, Dept. of Zoology Sh. N. A. Barwat, Dept. of Chemistry Dr. D.D. Naik, Dept. of Botany Dr. A.A. Maheshwari, Dept. of Botany Dr. S. P. Biswas, Dept. of Zoology	Members from Faculty
9	Sh. G.S. Dhole, Superintendent	Administrative Officer
10	Shri. A.H. Tandale	Non-Teaching Associate
11	Shri. S.R. Nagrale	Non-Teaching Associate
12	Dr. P.A. Saudagar, Dept of Electronics	Coordinator IQAC

13. IQAC Activities:

Various curricular, co-curricular, research and extracurricular activities have been conducted throughout the year. Details are as follows –

Achievements of College :

- College is ranked under Top 100 Science Colleges by India Today and Outlook Magazines.
- "Institution's Innovation Council (IIC)" of college secured "Three Star" rating for academic year 2023-2024. Rating declared on 16/01/2025.
- Maharashtra Information Technology Support Center declared result for Career Katta 2024-25. Bajaj College of Science, Wardha is declared as the Best college in the district.
- Dr. Dhiraj Naik- Principal Investigator & Dr. Prashant Borkar, Dr. Lewade from RBCA (co-investigators) have sanctioned RGSTC Government of Maharashtra

supported project entitled sustainable utilization of medicinal plants of Maharashtra with Rs. 65 lakhs.

- Dr. Abhimanyu Maheshwari, Assistant Professor, Department of Botany received a patent for “design an agricultural Input Analyzer” and Dr. Mangesh Yerpude, Assistant Professor, the Department of Physics received a patent for “design ‘A USB sensor hub for real-time safety alerts”
- Dr. B. V. Mohite has been recognized as one of the top 2% Most Influential Scientists of 2023-24 by Stanford University.
- 31 MoUs signed with various Industry and Academic Institutes.

Training and Placement

Company	Employer details	No. students Placed	Selected Students	Date	Salary Rs/Annum	Position
AIIMS Nagpur	AIIMS Nagpur MIHAN, Nagpur, Maharashtra	1	Miss. Akanksha R. Kale	08-07-2024	254880	Project technical support I
Amazon	Amazon Development Centre Bangalore 560055	1	Vasundhara Deshmukh	12-08-2024	250000	CAP VCS Associate for Virtual Contact Center(MH2,IN),
Inventys Research Company Pvt. Ltd.	BKC Annex. Mumbai (Placement at Nagpur)	1	Mr. Sachin Sunil Goswami	05-07-2024	225000	Tr. chemist - R&D Department
TCS	TCS Mihan Nagpur Maharashtra 441108	3	Shejal Sanjayrao Awachat	28/08/2024	127920	Trainee BPS
			Ms. Achal Rajendra Bilghaiya	05-02-2025	127920	Trainee BPS
			Ms. Shubhada Naresh Thombre	05-02-2025	127920	Trainee BPS
Anunta Technology Management Services Ltd.	Goregaon (East), Mumbai -400063.	1	Mahesh Kumbhare	01-09-2024	4,02,500	Engineer – Tech Ops. (Band – 3C)
illumifin India LLP	Malad W, Mumbai, Maharashtra, 400064,	1	Janhvi Deshmukh	09-09-2024	3,75,000	Associate at Grade 2
IDBI Bank	Admission to IDBI Bank PGDBF – 2024-25	1	Pratiksha Pradip Bhalekar	03-10-2024	Initial training (6 Month) / Internship 2 months / Joining as Junior Assistant Manager	Junior Assistant Manager
Evonith Steel	Evonith Steel, Wardha-442001, Maharashtra	1	Shubham Jaiswal	01-07-2024	2,76,000	Officer Trainee
Minimines Cleantech Solutions (P) Ltd	Bengaluru, Karnataka, 561203	1	Jayrajsingh Narendrasingh Khandiya	15/12/2024	3,84,000	Operator-Production
Department of Post India	Department of Post India	1	Shri. Ajay Ganeshrao Thakre	19/12/2024	3,71,520	GDS P0st office
Central Industrial Security Force (Ministry of Home Affairs)	CISF Unit HP-BPCL Mumbai Mahilgaon Mumbai Maharashtra 400074	1	Gayatri R. Bhutkar	18/12/2024	4,68,000	Constable/GD in CISF

Company	Employer details	No. students Placed	Selected Students	Date	Salary Rs/Annum	Position
Genpact India Pvt. Ltd.	Genpact In office, Badshahpur, Gurgaon Gurugram, India	1	Sakshi Arvind Khonde	04-12-2024	2,47,000	Associate
eClerx	eClerx, Pune	1	Sakshi Arvind Khonde	18/08/2024	2,41,200	Analyst
Dharamitra	Dharamitra Wardha	1	Ms. Vedanti Raut	17/05/2024	3,00,000	Microbiologist
Syngene International	Syngene Scientific Solutions Ltd. Hyderabad 500 078,	1	Pranay Diliprao Lande	30/09/2024	10,00,009	Senior Research Associate - Discovery Chemistry - SSSL
Axis bank	Nagpur, Maharashtra, 440001.	1	Shraddha Kawaduji Latore	28/01/2025	4,54,312	Branch Relationship Officer
Genetek Lifescience Pvt. Ltd.	Wardha - MIDC, Wardha, Maharashtra 442003	1	Priti Ugemuge	03/01/2024	1,44,000	Q.C. Officer
Manappuram Finance Limited	Manappuram Finance Ltd., Thrissur, Kerala	1	Gayatri R. Watkhede	09-01-2025	2,56,744	Junior Assistance
	Total	20				

On-Job Training :

SN	OJT/Internship Place	Dept.	No. of students
1	MiniMines cleantech pvt limited, , Bangalore	Chemistry	6
2	Varda Agro Processing Pvt. Ltd	Chemistry	3
		Microbiology	3
3	MGIRI, Wardha	Chemistry	8
4	Unicell Engineering PVT. LTd., Wardha	Chemistry	8
5	Bajaj Science Center, Wardha	Mathematics	10
6	J.Chankak, Chartered accountants.	Mathematics	4
7	Ramkrishna Bajaj College of Agriculture, Pipri, Wardha	Botany	13
		Microbiology	7
8	Ayush Herbal Honey, Wardha	Zoology	6
9	SKR Agrotech Pvt. Ltd, Wardha	Microbiology	2
10	Greentek Life Science, MIDC, Wardha	Microbiology	2
		Chemistry	3
11	Rashi diagnostic, Wardha	Microbiology	1
12	Hingnaghat pathology lab, Hingnaghat	Microbiology	1
13	Gov. lab ,Hingnaghat	Microbiology	1
14	Kalbande Clinical Laboratory ,Pulgaon	Microbiology	2
15	Pepsico India Ltd	Microbiology	3
16	Sai Clinical Lab Wardha.	Microbiology	2
17	Radha Clinical Pathology Laboratory, Wardha	Microbiology	2
18	Shri sai sparash clinical & diagnostic lab,	Microbiology	2

SN	OJT/Internship Place	Dept.	No. of students
1	MiniMines cleantech pvt limited, , Bangalore	Chemistry	6
	Wardha		
19	Growup Technology and services wardha	Microbiology	2
20	Pradip Clinical Laboratory,Deoli	Microbiology	1
	Total		91

Achievements of Students :

Academic :

- Two students are selected at AIIMS, New Delhi, and the University of Calcutta for the Science Academics Summer Research Fellowship Programme 2024
- One student is selected for a Basic Immunology Experiment (Hands-on Workshop) at IISER Bhopal.
- One student is joined NIMHANS, Bangalore for PG programme.
- One student is selected for M.Tech. Ph.D. program at ARIES, Nainital.
- Mr. Sahil Shambharkar, M.Sc. Zoology Student is selected for higher studies in the Subject Biotechnology of Human Reproduction at University of Siena, Italy with a Scholarship Stipend of 7500/- Euro.
- Research students Miss. Bhagyashri Gharjale and Shri. Mohan Kapse from the Botany Department have been selected for a fellowship by RTM Nagpur University to pursue a Ph.D. at Bajaj College of Science.
- Four students (Ms. Urvashi Pantawane, Ms. Nandini Surjuse, Ms. Teena Uike, Mr. Rahul Pawar) have qualified MH-SET Examination 2024 required for the Assistant Professorship in the college.
- Four students of M.Sc. Botany won first prize in the various categories in 'Botany Fest 2024' held at Kamla Nehru Mahavidyalaya, Nagpur on the occasion of World Nature Day on 28/9/2024.
- National Seminar on Innovative Botanical Research for Sustainable Development organized by Shri Shivaji Science College, Akola. M.Sc Students Ms Sneha Pawankar of M.Sc I got Consolation Prize in Oral Presentation in PG Category and Faculty Ms. Aishwarya Umate got 2nd Prize in Oral Presentation in Research Scholar on 01/02/2025.
- Ms. Saksham Bhagat secured 1st position in the Intercollegiate Chemistry Seminar competition held at Hislop College, Nagpur on 14/02/2025.
- Ms. Khushi Pohare secured first prize in Intercollegiate seminar competition held at J. D. Patil Sangludkar Mahavidyalaya, Daryapur on 23/08/2024.
- M.Sc first year student Mr. Hemang Butle secured first rank in 23rd National Level Microbi Olympiad PG-MBQ Examination. He was felicitated with medal & winning certificate at Government Institute of Science, Chhatrapati Sambhajnagar on 08/02/2025.
- MSc Microbiology student Ms. Dolly Fulkari awarded second prize in poster presentation and Dr. Bhavana Mohite got first prize in oral presentation in the National Conference on "Exploring Frontiers of Science" on 08/02/2025 held at Dhamangaon.
- Ms. Sampada Udepurkar (BSc Final Year) and Ms. Dolly Fulkari (MSc II Year) awarded as 'Best Student' by Microbiologist Society India – 28/02/2025.

- Ms. Surabhi Patel(Bsc I Year Microbiology) has been felicitated as 'High quality Research Paper Writer' in "Research Paper Writing Competition" organized by Bhartiya Shikshan Mandal with the theme 'Vision for Developed India' across the country on 06/10/2024. She has been selected in top 200 Awardees at State level among the 1 Lakh 60 thousand participants across India. The title of her research paper was "Environment Conservation for prosperous Bharat"
- Mr. Mohan Kapse, Research Scholar at Botany Department, received the Best Poster Presentation award at 47th All India Botanical Conference of The Indian Botanical Society (Commemorating the Birth Centenary Year of Prof. Y. S. Murty) and International Symposium on "Biotic Curiosities and Functional Diversity Across Plant Kingdom in Climate Change Regime" from 16 to 18/10/2024 held at Chaudhary Charan Singh University, Meerut, Uttar Pradesh.
- BSc II student Mr. Purvanshu Bokde has been selected in RTM Nagpur University Team of Avishkar to participate in State level Avishkar held at Ratnagiri on 16 to 17/01/2025. He presented his innovative project on a solar radiation detector. He got 2nd prize at UG Level in Engineering and Technology category at the university level held on 27/12/2024. He presented model on "Development of a low cost SDR based radio telescope for solar magnetic and solar storm analysis"
- Three students of BSc Chemistry Major bagged platinum and silver ranks in Chemiad 2024. They were felicitated on 16/02/2025 at Department of Chemistry of SP Pune University by Prof. Gosavi, Vice-chancellor SPPU. 1. Pranali Bhoyar - Platinum Rank, 2. Mukta Nikam - Silver Rank, 3. Janhavi Salodkar - Silver Rank.
- Mr. Piyush Holani (Rank 121), Mr. Gitesh Dhankute (Rank 1038) of Chemistry department, Ms. Binal Bhagat (Rank 2038) from department of Physics qualified IIT-JAM 2025 examination.

Co-curricular Activities

- 9 students from M.Sc Botany participated in "Botany Fest 2024" held on 28/09/2024 on the occasion of World Nature Day at Kamla Nehru Mahavidyalaya, Nagpur and our 4 students won the 1st prize in the various categories. Miss Chanchal Hadke and Anshika Hiwarkar from M.Sc Sem I won the 1st prize in Miniature garden, Miss Rutuja Karluke from M.Sc I Sem won the 1st prize in nature photography competition and Miss Puja Telang from M.Sc III Sem won the 1st prize in exotic plant exhibition.
- A State Level Inter-collegiate Essay Writing Competition 2024-25 for Students and all the University Departments in Maharashtra was organized by Anti-Dowry Movement, Bombay in December 2024. Our student, Ms. Krutika Fulzele, B.Sc. Sem IV bagged *1st Prize* and Ms. Maitreyee Dhok bagged *Consolation Prize* in the State Level Inter-collegiate Essay Writing Competition. – 12/01/2025.
- CONTECH exam for final-year students conducted on January 31, 2025, in association with the Association of Chemistry Teachers (ACT) and Homi Bhabha Centre for Science Education (HBCSE). 79 students registered, and 77 students appeared for the exam. Result declared 04/02/2025, out of 77, 55 students cleared this exam, First rank Hitesh Chaudhary Second Rank Mukta Nikam and Third rank Saksham Bhagat.
- National Science day 2025 organized by Department of Botany, Bhalerao Science College Brahmapuri Dist Chandrapur. UG Students Ms. Dhanashri Darwalkar of B.Sc Sem IV Botany got the consollation prize on 28/02/2025.

Extracurricular Activities

- Mr. Guruprasad Satone, B.Sc. III was selected and participated for the Republic Day Parade to be held on 26/01/2025 at Rajpath in Delhi.
- Ms. Puja Bhatero, BSc SEM IV student won 2nd prize in Intercollegiate Fresh Floral Rangoli competition organised by Priyadarshini Mahila Mahavidyalaya, Wardha on 18/01/2025.
- The team of B.Sc. students Mandar Sutar, Himanshi Khode and Riya Lambat have won 3rd Prize in Quiz Competition during "Yuvarang 2025" Intercollegiate Youth Festival organized by RTM Nagpur University, Nagpur on 10-13/02/2025 at Gurunanak Bhavan, Nagpur.

Sports :

- Nishant Dharmpal Yadav (B.sc.III) represented RTMNU BALL-BADMINTON (MEN) team in All India inter university Ball-Badminton championship held at Bangluru Organized by Bangluru North University during 14/03/2025 to 18/03/2025.
- Sahil Hemraj Chute (B.sc.III) represented RTMNU BALL-BADMINTON (MEN) team in All India inter university Ball-Badminton championship held at Bangluru Organized by Bangluru North University during 14/03/2025 to 18/03/2025..
- Aaryan Shankarrao Kapse (B.sc.III) selected as a Standby to represent RTMNU BALLBADMINTON (MEN) team in All India inter university Ball-Badminton championship held at Bangluru Organized by Bangluru North University during 14/03/2025 to 18/03/2025.
- Miss. Shweta Bhagat, Miss Mansi Jaipurkar, Miss. Mayuri Kakade B.Sc. III year students participated in the 30th Senior State Acrobatics Gymnastics Championship 2024-25 held at Miraj, Dist. Sangali from 29/11/2024 to 01/12/ 2024 and secured bronze medal in Acrobatics Gymnastics team event.
- Miss. Bhakti Dhanraj Lende B. Sc III year student participated in Inter Collegiate Athletic Tournament 2024-25 held at R.T.M.N.U ground Nagpur on dated 4th to 7th Dec. 2024 and secured Silver Medal in 20 km walking race event.
- Girls and Boys team won in the RTMNU Inter-Collegiate Ball Badminton Tournament held at Nabira Mahavidyalaya, Katol on 28/02/2025 and 01/03/2025.
- Vaishnavi Wasake (B.sc.II) represented RTMNU Basketball (WOMEN) team in West Zone inter university Basketball championship held at Gwalior Organized by R.T. M. University during 26/11/2024 to 30/11/2024.
- Sameer C. Dolhare (B.sc.II) represented RTMNU Volleyball (WOMEN) team in West Zone inter university Volleyball championship held at Nanded Organized by Swami Ramanand Teerth Marathawada University during 4/12/2024 to 18/12/2024.
- Bushra Nasir Pathan (B.sc.III) selected to represent RTMNU BALL-BADMINTON (WOMEN) team in All India inter university Ball-Badminton championship to be held at CHENNAI Organized by Algappa University during 29th March to 1st April 2025.
- Gauravi Sanjayrao Nasare (B.Sc.II) selected to represent RTMNU BALL-BADMINTON (WOMEN) team in All India inter university Ball-Badminton championship to be held at CHENNAI Organized by Algappa University during 29/03/2025 to 01/04/2025.
- The Sports Department of our college conducted a coaching camp for the RTMNU women's ball badminton team from March 22nd to March 25th , 2025. The team will

participate in the All India Inter-University Ball Badminton Tournament, which will take place in Karaikudi, Tamil Nadu, from March 29th to April 1st, 2025.

- Shri. V.B. Garad, Director, Physical Education is appointed as Coach for All India Inter University Ball-Badminton (Women) tournament for the year 2024-25 by RTM Nagpur University, Nagpur.

Programs organized :

- The Department of Chemistry and the Institution's Innovation Council (IIC) organized an online quiz competition in celebration of World Intellectual Property Day on 29th April 2024
- Telescope making workshop was organized by the Astro Club of Bajaj College of Science, Wardha during January to April 2024. Students fabricated 5 inch reflecting telescope.
- Alumni Association and IQAC of Bajaj College of Science, Wardha organized Alumni Connect programme on 04/04/2024. Our alumnus Dr. Rajesh Khaparde, Academic Faculty Member of HBCSE-TIFR, Mumbai was the Guest of Honor.
- Green Cell and NSS jointly organized "Seed Collection Drive" as an initiative to promote plant diversity during 20th to 31st May 2024.
- MoE's Innovation Cell, Institution's Innovation Council jointly organized a session on 'Early State Entrepreneurship' on 26/07/202. Resource person for the programme was Mr. Rupesh Ramgade, Center Coordinator, IBFC, Wardha.
- An online guest lecture was delivered on 18/07/2024 by Dr. Shrihari Pingle, a distinguished Zoologist and Educator, who spoke on the topic "Biology: A Lucrative Career Option." The event was organized by Zoological Society, in association with RICH Club and IIC, Bajaj College of Science, Wardha, aimed at enlightening students about the various career opportunities in the field of biology.
- On July 13th 2024, the Zoological Society organized a "Butterfly Walk" event, which saw enthusiastic participation from students in both the BSc and MSc Zoology programs. The event took place on the scenic campuses of Bajaj College of Science and Bajaj Science Education Center, providing an excellent opportunity for students to observe and learn about various butterfly species in their natural habitat.
- Electoral Literacy Club (ELC) and NSS Unit of Bajaj College of Science, Wardha organized 'New Voters Registration and Awareness Drive' for newly admitted students during 22nd to 31st July 2024.
- Career Katta Student Dialogue Program was organized on August 24, 2024. Hon'ble Mr. Rahul Kardile, District Collector, presided over the function. Mr. Yashwant Shitole, Chairman of Maharashtra Information Technology Assistance Center (Career Katta), guided the students on this occasion.
- Bajaj College of Science, Wardha signed a MoU with IIM Nagpur's Foundation For Entrepreneurship Development (InFED) in presence of the Honorable Collector of Wardha District, Shri. Rahul Kardile. This MoU was signed on 10th July 2024 on the occasion of "Industry-Institute Round-table" under the banner of IBFC Wardha.
- Career Katta MoU for Center of Excellence.
- Workshop on microscale Techniques was organized by Department of Chemistry.
- Under "Mukhyamantri Yuva Karya Prashikshan Yojana" 18 apprentices (interns) are

appointed for the period of Six months as per guidelines.

- Orientation session for IIC Faculty was organized by Institution's Innovation Council, BCS Wardha in collaboration with G.H. Rasoni University, Saikheda under Mentor Mentee Scheme on 06/07/2024. Dr. Sandeep Petkar, Dean, Innovation, Incubation and Entrepreneurship and Dr. D. Narsimhachari, Dean, Research from G.H. Rasoni University, Saikheda were the Speakers for the programme.
- On the occasion of National Sports Day 29/08/2024, college organized Marathon
- "Innovative / Start up Idea Competition" was organized by Department of Physics in association with IIC on 27/08/2024.
- Mobile Science Exhibition by Nehru Science Center, Navi Mumbai was arranged for the students on 09/08/2024.
- Workshop on Mental Health and Wellness was organized for students.
- Interactive session with Prof. Rajeshwari Sharma, G.S. College of Commerce, Wardha was held on 24/08/2024 on the topic "Value Proposition Fit" & "Business Fit".
- "Library Orientation Program" for the students of the college was held on 21/08/2024.
- On the occasion of Teachers' Day, old memories (photos) of the college have been uploaded to Google Drive and are now available for everyone to view. Link : <https://sites.google.com/site/damlelibrary/photos-gallery>.
- Microbial MindBlender Quiz Contest was organized on 30/09/2024 by department of Microbiology.
- Workshop on Enterpreunership: From idea to Impact, Guest Speaker: Mr. Tanveer Mirza, Mr. Atharv Badkas, Mr. Vijay Dhole was organized on 13/09/2024.
- Organized a workshop on "Soaps, Detergents, and Disinfectants: Hands-on Training on Synthesis and Analysis on 15/10/2024. Students prepared the samples of Soaps of various types like honey, charcoal; handwash, white phenyl, detergent and liquid dishwasher. The products were then packaged and distributed to different departments and students. All BSc Sem I students of Chemistry major as well as MSc Chemistry benefitted from this hands on training.
- Organized - INNERVATE-2024 - A Two Day Workshop on the topic "Digitizing Science Experiments Using EXPEYES and Advanced Tools" inassociation with the National Academy of Sciences in India (NASI), Nagpur Chapter on 29 and 30/11/2024.
- Digitization of departmental stock book has been initiated and will be updated time to time.
- The Internal Complaints Committee (ICC), Women's Cell Center for Women Studies and Services (CWSS), and Student Welfare and Student Council, Bajaj College of Science, Wardha in association with Sakshi NGO organized an Awareness Program on 'Child Sexual Abuse' for college students on 4/10/2024.
- Cultural Committee in association with RICH Club and Student Council. BCS, Wardha organized Online Greeting Card Competition on 05/10/2024.
- First Vidarbha Level Inter Collegiate Debate Competition " Do Our Votes Really Matters?" Organized by Student Council, Bajaj College of Science, Wardha on 05/10/2024.
- Educational tour to Hyderabad was organized for U.G. and P.G. students of Zoology during 13/12/2024 to 16/12/2024.
- A Mathematics Seminar Competition was organized on 31/12/2024 on account of National Mathematics day.

- A two-day workshop on the Foundation for Preparation of Competitive Exams was organized from 8-9/01/2025 at Bajaj College of Science, Wardha. The event aimed to equip students with effective strategies, foundational knowledge, and a structured approach to excel in various competitive exams, such as NET, SET, GATE, IIT-JAM, CUET and others. The workshop featured renowned experts from IFAS Academy, Pune who guided the students by taking interactive sessions, and practical guidance to help students to build confidence and clarity in their exam preparation journey.
- A One-Day State-Level Seminar on "Recent Trends in Biological and Chemical Sciences" was successfully organized on 31/01/2025. The seminar featured insightful lectures by eminent scientists and academicians, including Dr. Surendra Ghaskadbi, Dr. Sujata Bhargava, Dr. Saroj Ghaskadbi, and Dr. Karthik Balasubramanian, who shared their expertise on various advancements in the field. As part of the event, a poster competition was organized for students, providing them with a platform to showcase their research and innovative ideas. A total of 203 participants, including students and faculty members, registered for the seminar, and 62 posters were presented. Miss. Shivani Mehare of M.Sc. II (Bot) bagged Third Prize in Poster Competition.
- Faculty Development Programme NEP 2020 Orientation and Sensitization Programme, conducted by BCS Wardha in association with Harisingh Gaur University Sagar.MP for Shiksha Mandal Colleges during 01/01/2025 to 11/01/2025.
- The Department of Zoology, under the banner of the Zoological Society, successfully organized a Haemoglobin and BMI Estimation Camp for students and teachers on 25/01/2025. The initiative witnessed enthusiastic participation, benefitting approximately 200 individuals.
- 'Vachan Sankalp Maharashtra' program was organized during 01/01/2025 to 15/01/2025.
- Yugam 2025 – Sports and cultural activity programme for students was organized on 03/01/2025 and 04/01/2025.
- NSS camp was organized from 08 to 14/01/2025 at Karanji (Bhoge). The theme of the camp was "Youth for my Bharat, Youth for Digital Literacy". In this camp, various activities like veterinary check up camp, haemoglobin check up camp, anemia awareness camp, space and cosmos watching, guest lecture on Youth's world and Marathi Literature, bio mosquito control, birds and environment, slide show and bird exhibition, social condition of today's women & social ideology of Maharashtra, talk on Mahatma Gandhi, India as expected by Swami Vivekananda, etc. were conducted along with water conservation and village cleanliness campaign, electoral awareness, self defense for women.
- Sky Observation and Star Gazing Activity held at 1) Bajaj Science Center, Wardha on 07-08/01/2025 2) at Karanji (Bhoge) during NSS camp on 09/01/2025 3) at Collector Residence, Wardha on 22/01/2025.
- 'Neat and Clean Department of the year 2025' competition was organized for all the departments of Junior and Senior College between 20/01/2025 to 25/01/2025. The non-teaching staff of the winner departments were felicitated on the Republic Day.
- Faculty and students of Bajaj College of Science, Wardha observed National Voters Day on 25/01/2025. The event culminated with an oath-taking ceremony. Students also performed the street play to spread awareness about voting.
- Invited talk on 'Conundrum in Democracy' was organized on 24/01/2025. Prof. Peter R. D'Souza, Senior Research Associate, ACEPS, Johannesburg was the Guest Speaker.
- The Zoological Society actively participated in the Campus Bird Count on 15/02/2025, a program under Bird Count India, aimed at documenting avian diversity in educational

institutions. As part of this initiative, we conducted a bird survey on the campus of Bajaj College of Science. The survey was carried out for a duration of one hour, during which we identified a total of 19 bird species inhabiting the campus.

- Microbiology-Biotechnology Society of Bajaj College of Science, Wardha organized a workshop on Biogas & Bioenergy on 07/02/2025. Dr. Ashish Polkade, Founder, Bharat Eco Solutions & Technologies, Pune and Mr. Suraj Bhagat, Founder Rising India, Pune were the resource persons for the workshop.
- SPPU's Chemiad 2025 Exam was conducted in reading room of Dr. Damle Library of our college. Total 45 BSc I (Chemistry) students appeared for the exam.
- Exposure trip to MGIRI in association with Botanical Society – 24/02/2025.
- Guest Lecture on 'Climate Resilient Water Resource Management' by Dr. Gajanan Khadse, Sr. Principal Scientist, CSIR-NEERI, Nagpur organized by Department of Microbiology, Botany and Zoology in association with RICH Club and IIC on 08/02/2025.
- An essay competition organized 'Why has the world become insensitive' by department of Languages on 03/02/2025.
- Seminar competition on "Experience of On Job Training " of MSc Sem II Students 05/02/2025.
- Dr. R. T. Bedre, Director, UGC-MMTTC, H. S. Gaur University, Sagar(MP) delivered Guest Lecture on "Implementation of the NEP 2020 : Goals, strategies and Challenges" on 22/02/2025.
- Celebrated National Science Day on 28/02/2025 in line with the national theme, focused on encouraging young minds to contribute to India's scientific progress.
 - Seminar Competition and Poster Competition was organized by Chemistry Department.
 - Computer Science and Electronics departments jointly organized Debugging Race and Web Build Competition.
 - Microbiology and Biotechnology department organized Science Skit Competition,
 - Mathematics department took a workshop on Activity Based Learning.
 - Department of Physics conducted an Online Quiz Competition on 27 February and an Invited talk on "Opportunities of Physical Sciences" on 28 February.
 - Students also participated in Science Model Making Competition organized by Department of Zoology, Botany and Junior College.
- World Creativity and Innovation day was organized for UG and PG students on 21/04/2025.
- Mr. N. A. Barwat and Dr. A. V. Nakhate conducted a workshop on 04/04/2025 for Summer Camp students of Bajaj Science Education Centre Wardha. Students from 6th to 9th standard of various schools learned the preparation methods of Soaps, Detergent, Hand Sanitizer and Hand Wash.
- An awareness program on Women Safety and Child Protection was jointly organized by the ICC Women's Cell, CWSS, and 3 MAH NCC Girls Battalion, Nagpur in collaboration with Damini Pathak (Wardha Police Department) and the District Child Protection Unit (DCPLU), Wardha on 24/04/2025.

- Guest Session & Hands on Practical Session on Digitization of Physics experiments, performing & experiencing the experiments in Physics through ExpEyes kit held on 05/04/2025. The session was conducted by Dr. M.M. Yerpude.
- Field Visit for seed Collection of Indigenous Plants of Vidarbha Region was conducted in and around college area on 25/04/2025.
- Sixteen PG students of Microbiology department went to Summer Internship in industries, pathology labs, civil hospital etc.
- Session on “How to plan for Start-up and legal & Ethical Steps” Resource Person: Mr. Sagar Durge, Department of Computer Science, BCS, Wardha was held on 05/04/2025.
- Workshop on Intellectual Property Rights and IP Mangment was conducted by Dr. S.P. Biswas for students and faculty on 22/04/2025.
- Quiz Competition was organized on the occasion of World Intellectual Property Rights (IPR) Day on 26/04/2025.
- Five UG students and 2 PG students participated in State Level Online Speech Competition 2025 on the Topic: Implementation of the NEP 2020 organized by Care of Public Safety Association (COPS), Maharashtra State

Research activities :

The details of Research activities during the session 2024-25 are as under -

- DST-FIST Grant sanctioned Rs. 57 Lakhs for recurring and non-recurring expenses out of which Rs.37,49,965.00 was received. However, the college has spent the amount of Rs. 67,51,931/-. The expenditure above the received grant i.e. Rs.32 lakh is contributed by the parent institute Shiksha Mandal, Wardha.
- Under DST-FIST grant, three instruments, i) Gas Chromatography, ii) CHNS Analyser and iii) HPLC has been purchased, installed and demonstrated (for faculties of college and PG students) successfully.
- Under the Medicinal plants project Entitled “The effect of cultivation practices, harvesting time, plant phenology, and genotypic variations on the quality, biomass, and selected active metabolites levels of medicinal plant species [Vitex negundo, Boerhavia diffusa, Tribulus terrestris, Solanum xanthocarpum, Cratavea nurvala, Commiphora wightii, and Celastrus paniculatus], along with promoting medicinal plant farming” Following two project assistants were recruited on 29th November 2024.

(i) Mohan Tukaram Kapse

(ii) Bhagyashri Umrao Gharjale

- During the financial year 2023-24 the grant of Rs. Twenty Thousand Two Hundred Sixty Five was reimbursed to the faculty against their claims for attending Conference/Workshops.

Seed Money Provided to Teachers (Ongoing):

Sr No	Letter Number	Name, Designation and Department of Applicant	Title of the Project	Funds provided (INR in lakhs)
1	BCS/23-24/ R&D-Sedd Money/451	Dr. Saikat Biswas Assistant Professor Department of Zoology	Nanotechnology in agriculture: Leveraging nanoparticles as biopesticides against insect pests.	0.65 Lakh
2	BCS/23-24/ R&D-Seed Money/452	Dr. A. A. Maheshwari Assistant Professor Department of Botany	To evaluate phytotoxic effect of essential oils from selected plants against weeds and its possible use as bioherbicide.	0.80 Lakh
3	BCS/23-24/ R&D-Seed Money/453	Dr. Prashant G. Borkar Assistant Professor Department of Chemistry	Mechanistic study of cooperative catalysis between Lewis acid and Brønsted acid in Pictet-Spingler reaction of tryptophol and aldehydes.	0.75 Lakh
4	BCS/23-24/ R&D-Seed Money/454	Dr. Satishkumar Maurya Assistant Professor (CHB) Dr. D.D. Naik, Assistant Professor Department of Botany	Isolation of local strains of <i>Beauveria bassiana</i> to understand its molecular diversity and to test their bio- efficacy against various crop herbivorous insects.	1 Lakh
5	BCS/23-24/ R&D-Seed Money/455	Mr. Praful S. Kalwade, Assistant Professor (CHB) Dr. M.R. Chandrakar, Assistant Profssor Department of Zoology	Investigating the Feasibility of Rearing Silkworms (<i>Bombyx mori</i>) on Artificial Diets and use of nanoparticle for Fungicidal activity for Sustainable Silk Production.	0.85 Lakh
6	BCS/23-24/ R&D-Seed Money/456	Dr. Akhil V. Nakhate Assistant Professor Department of Chemistry	Optimizing precious metal atom efficiency: Advancing single- atom palladium catalysts for sustainable C-C cross-coupling reactions in chemical industry.	0.90 Lakh
7	BCS/23-24/ R&D-Seed Money/457	Mr. Nakul A. Barwat Assistant Professor Department of Chemistry	Synthesis of nano-composites for applications in supercapacitors	0.65 Lakh
8	BCS/23-24/ R&D-Seed Money/458	Mr. Manoj D. Bansinge Assistant Professor Department of Chemistry	Adsorption studies of toxic elements on chemically modified agricultural waste and their application in industrial effluent treatment.	0.40 Lakh

Workshops/seminars/competitions conducted on Innovation, Research Methodology, Intellectual Property Rights (IPR), Start-Up & Entrepreneurship and Skills development:

Sr No	Name of the workshop/ seminar	Name of Department	Number of Participants	Date From – To
1	One day workshop on ‘Entrepreneurship: From Idea To Impact’	IIC	125	13/09/2024
2	Guest Lecture on “Insight of Research: The NEP Perspective” by Prof. Sharan Kumar Shetty.	R and D Cell	100	31/08/2024
3	Guest Lecture on NMR Spectroscopy by Dr. Rajdeep Utane	Chemistry	40	30/08/20224
4	Session on ‘Early Stage Entrepreneurship’	IIC	80	26/07/2024
5	Session on “Basics of Intellectual Property Rights and Its Importance for Innovators and Entrepreneurs.”	Chemistry/ IIC	50	26/09/2024
6	Quiz competition on theme "Microbiology Techniques"	Microbiology/ RICH	40	30/09/2024
7	Workshop on : "Soaps, Detergents, and Disinfectants: Hands-on Training on Synthesis and Analysis" Resource Person: Dr. Rajdeep Utane	Chemistry	72	15/10/2024
8	INNERVATE-2024 "A Two Day Workshop on the topic "Digitizing Science Experiments Using EXPEYES and Advanced Tools" in association with the National Academy of Sciences in India (NASI), Nagpur Chapter "	Physics/IIC	48	29/11/2024 to 30/11/2024
9	Celebration of National Mathematics Day by organising Mathematics Seminar competition	Mathematics/ RICH	20	31/12/2024
10	17 th NEP Orientation & Sensitization Program (Online Mode) in Collaboration with UGC-MMTTC Sagar University Theme : National Education Policy-2020	IQAC/ R and D Cell	100	01/01/2025 to 11/01/2025
11	Workshop on "Exploring Rotary Evaporation: A Demonstrative Approach"	Chemistry/IIC	55	22/01/2025
12	Workshop on “Career Exploration, Resume Building, and LinkedIn Optimization”	Training and Placement Cell	80	27/01/2025
13	“Intra-Institutional (College Level) Innovation/Poster Competition”	Zoology/IIC/ R&D Cell	97	30/01/2025
14	One-Day State-Level Seminar on Recent Trends in Biological and Chemical Sciences	Zoological Society	203	31/01/2025
15	One Day Workshop on “Biogas and Bioenergy” Resource persons (i) Dr. Ashish Polkhade and (ii) Mr. Suraj Bhagat	Microbiology/ Biotechnology	129	07/02/2025
16	Invited talk of Dr. Gajanan Khadse on topic “Climate Resilient water resource management”	Botany	80	08/02/2025
17	Workshop on “Design thinking, Critical Thinking and Innovation Design”	IQAC/IIC	125	14/02/2025

Sr No	Name of the workshop/ seminar	Name of Department	Number of Participants	Date From – To
18	Invited Talk of Prof. R. T. Bedre on “Implementation of the NEP 2020: Goals, Strategies and Challenges”	IIC/RICH	250	22/02/2025
19	Celebration of National Science Day-2025 “Science Model Making Competition”	Zoology/Botany	51	28/02/2025
20	Seminar of Prof. Ujwal D Gulhane on “Opportunities for Physical Sciences”	Physics and Electronics	101	28/02/2025
21	Celebration of National Science Day-2025 “Poster and Seminar Competition”	Chemistry	75	28/02/2025
22	Celebration of National Science Day-2025 “Science Skit Competition”	Microbiology-Biotechnology	40	28/02/2025
23	Celebration of National Science Day-2025 “Workshop on Activity based Learning”	Mathematics	25	28/02/2025
24	Guest Lecture on "Organic Reactions & Mechanism" as a preparation strategies for IIT-JAM (Resource person: Dr. N. N. Karade)	Chemistry	80	07/03/2025

PhD Supervisors: 11

PhD Registered: 14

Research papers in the SCI Journals (Scopus/Web of Science) during 2024-2025: 17

Faculties of the college are regularly published papers in SCI Journals (Scopus/Web of Science) Department wise summary of publication is as follows –

SN	Name of the department	No. of papers published
1	Chemistry	03
2	Biotech	01
3	Botany	01
4	Languages	04
5	Microbiology	03
6	Physics / Electronics	05
	Total	17

Books and Chapters in Books Published by faculties: 5

Department wise summary of the Books / Chapters in the books published is as follows –

SN	Name of the department	No. of papers published
1	Chemistry	04
2	Microbiology	01
	Total	05

Research papers in National/International Conference Proceedings : 17

Faculty participation in Seminars/Conferences and Symposia (2024-2025):

No. of Faculty	International level (number)	National level (number)	State level (number)	Local level (number)
Attended Seminars/ Conferences/Workshops	10	5	0	0
Presented papers	12	5	0	0

Revenue generated from consultancy: (2024-2025)

Rs. 76,350/- (XRD, UV and FTIR Spectrophotometer)

Awards and Recognition received by Faculties during the year 2024-25

Sr. No.	Title of Award	Name of the Awardee	Awarding Agency	Date of Award	Category
1.	First Prize in oral paper presentation for title “The potential of Phyllanthus niruri to prevent diabetes through amylase inhibition” at National Conference on Exploring Frontiers of Science at Adarsh Mahavidyalaya, Dhamangaon.	Dr. Bhavana V. Mohite	Adarsh Mahavidyalaya, Dhamangaon	8 th February 2025	Research
2.	First Prize Best Paper Presentation for title “Developments in Synthesis of Nanomaterials of Tungsten and Molybdenum Disulfides for Supercapacitive Applications - A Review” at National Conference on Trends and Techniques in Chemical and Material Sciences held at Jagadamba Mahavidyalaya, Achalpur.	Mr. Nakul Barwat	Jagadamba Mahavidyalaya, Achalpur	12 th Jan. 2025	Research
3.	Won Second prize at District Level Avishkar in PPG Category in Pure science held at Biyani College, Nagpur for research presentation on "Sustainable transparent and biobased flame retardant coating for cotton fabric based on phosphorous modified chitosan composition".	Ms. Vaishnavi Gidmare	Rashtrasant Tukdoji Maharaj Nagpur University Nagpur	19 th Dec 2024	Research/PPG

14. Meetings of Statutory Bodies of Autonomy :

- Meeting of Governing Body were held on 22/10/2024 and 09/04/2025.
- Meeting of Academic Council was held on 19/09/2024 and 22/03/2025
- Meeting of Finance Committee was held on 15/10/2024 and 01/04/2025
- Meeting of Board of Studies in all subjects were held in the month of August 2024 and March 2025
- Meeting of IQAC were held on 26/09/2024, 09/10/2024, 14/10/2024, 15/10/2024, 16/10/2024, 17/10/2024, 18/10/2024, 19/10/2024, 21/10/2024, 02/12/2024, 15/01/2025, 20/02/2025, 26/04/2025.

15. Proposals / data submitted:


- Data for NIRF is submitted on 28/01/2025
- Data for AISHE submitted on 01/02/2025

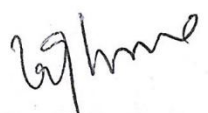
16. Plans for the academic year 2025-26

- 1) Continuation of NEP
- 2) M.Sc. Physics
- 3) Bachelor of Science in Artificial Intelligence and Machine Learning (AI & ML)
- 4) B.Sc. in Industrial Science
- 5) B.Sc. Statistics
- 6) B.Sc. in Food Science and Quality Control
- 7) Certificate Course in Gandhian Thought and Conflict Transformation

The External PEER Team appreciated the Principal of the college for the efforts taken for overall development of the college.

Name and Signature of External PEER team


(Dr. Dilip Gupta)
Member-External Peer Team
Head, Department of Surgery,
MGIMS, Sevagram
Dr. Dilip Gupta
Director, Professor & Head
Dept. of Surgery
MGIMS, Sevagram


(Dr. U.D. Gulhane)
Chairman-External Peer Team
Professor and Head,
Department of Mechanical Engineering,
Sevagram, Wardha
Director, Urvi Transformers, Wardha