

Shiksha Mandal's
Bajaj College of Science, Wardha
Department of Chemistry

About the Department:

Chemistry is the central science. Its applications encompass all the aspects of human civilisation. Since many decades the subject has offered wide scale career opportunities to young and innovative minds. With a very clear vision of nation building, the chemistry department of Bajaj College of Science was established by the management of Shiksha Mandal in 1962. Since its establishment, the department is known for its quality teaching and has made enormous progress in academics and research. Today the department has 10 permanent faculty members and 2 contractual faculty members. All are professionally qualified. Eight of the faculty members hold PhD, five have qualified CSIR-NET and six have qualified SET exams. The faculty members command high level of respect amongst students because of their excellent teaching and student-friendly nature. Besides teaching, faculty members are also involved in research activities and have published papers in National and International peer reviewed journals. Some have successfully completed minor research projects funded by UGC. The department have been recognized as a place for higher learning and research.

Highlights of the Department:

- Qualified and experienced faculty
- Well equipped laboratory and instrumental facility
- Recognition of laboratory for research and higher learning
- Students consistently qualifying CSIR-NET, SET, IIT-JAM exams
- Chemical Society
- Organization of the guest lectures of eminent scientists/academicians
- Organization of Seminars of UG and PG students.
- Placement of students
- Execution of 'Star College Scheme' of DBT, Ministry of Science and Technology, Govt. of India
- Students participating in intercollegiate seminar, elocution, conferences, etc.
- UG students executing their experimental projects under CPE since 2010-11 and PG students from 2006-07
- Research papers published by faculty and students in Journals and in conferences
- Faculty participation in Online Refresher Courses organized by National Resource Centre of Chemistry, MHRD, Govt. of India and SWAYAM.
- Students' participation in online SWAYAM courses organised by NPTEL, etc.
- Department is doing some micro scale level practical at both U.G. and P.G. level, which saves lot of chemicals.
- Organization of Chemistry Talent Search Exam in collaboration with M. J. College, Jalgaon (Since 2010-11)
- Organization of Chemiad Competition in collaboration with Department of Chemistry, Savitribai Phule Pune University, Pune.
- Organisation of CONTECH (Concept test in Chemistry) in association with Homi-Bhabha & TIFR, Mumbai
- Educational tour to National Institutes and industries
- Mentoring of students through Cluster system.
- Hands on Training on sophisticated instruments
- Teachers' and Students' participation in different extension activities like CWSS, PEC, NSS, NCC, etc.

Courses/Programmes:

Courses		Specialization	No. of Seats
UG	Bachelor of Science	Students may opt for Chemistry in following combinations 1. Chemistry, Physics, Mathematics 2. Chemistry, Botany, Zoology 3. Chemistry, Zoology, Microbiology 4. Chemistry, Botany, Microbiology 5. Chemistry, Zoology, Biotechnology 6. Chemistry, Botany, Biotechnology 7. Chemistry, Microbiology, Biotechnology	220
PG	Master of Science	Organic Chemistry	22

Research Programme:

- Ph. D. – Laboratory recognized as a place for Higher Learning and Research (Ph.D.) by R. T. M. Nagpur University, Nagpur.
- Total No. of seats allotted = 10
Ph. D. awarded = 05, Thesis Submitted = 01 and Registered = 03

Name of the Ph.D. scholar	Name of the guide	Awarded/Submitted
Dr. S. D. Bajaj	Dr. Om A. Mahodaya	Awarded
Dr. R. R. Naik	Dr. S. V. Bawankar	Awarded
Dr S. D. Kukade	Dr. S. V. Bawankar	Awarded
Mr. Shrikant Thakare	Dr. P V Tekade	Awarded
Mr Ajay Pisudde	Dr. P V Tekade	Awarded
Mr. Wasim Khan	Dr. R. D. Raut	Thesis Submitted
Mr. Manoj D. Bansinge	Dr. P V Tekade	Registered
Ms. Bhagyashri U. Tale	Dr. P V Tekade	Registered
Ms. Ketaki R. Thakare	Dr. P V Tekade	Registered

Minor Research Projects sponsored by UGC (from 2008 onwards)

S. N.	Name	Title of Project	Funding Agency	Year of sanction and amount
1.	Dr. P. V. Tekade	Environmental benign synthesis of 1,3 propanediones. An Interdisciplinary approach	UGC (WRO)	2008-10 (0.88 lakh)
2.	Dr. Mrs. N. P. Mohabansi & Prof. V.B. Patil	Study of efficiency of photo oxidation of organic contamination in waste water in various	UGC (WRO)	2009-11 (1.55 lakh)
3.	Dr. R.D. Raut	Synthesis and characterization & biological evaluation of derivatives of substituted pyrazolines	UGC (WRO)	2009-11 (0.90 lakh)
4.	Dr. S. V. Bawankar	Synthesis & characterization of co-polymers & their application as ion exchange resins	UGC (WRO)	2010-13 (2.0 lakh)
5.	Dr. R. D. Raut	Removal of heavy Elements from thermal power Stations by biological process	UGC (WRO)	2012-14 (0.90 lakh)
6.	Dr. Mrs. N. P. Mohabansi	Environmental remediation of waste water containing dyes with nanophotocatalyst.	UGC (WRO)	2013-16 (0.80 lakh)
7.	Dr. P. V. Tekade	Synthesis & Biocidal Activity of Benzene 1,2-dicarboxoamide of amino acids	UGC (WRO)	2014-16 (5.0 lakh)

Books published by Faculty

Title of the book/chapters published	Name of the author/s	Year of publication	ISBN/ISSN number	Name of the publisher
Chemistry of 3-aroil flavanones and corresponding heterocycles	Dr. P. V. Tekade	2010-11	978-3-8383-9809-9	Lambert Academic Publishing, Germany
Investigatory Projects in Chemistry	Dr. P. V. Tekade	2011-12	978-3-8454-0554-4	Lambert Academic Publishing, Germany
Substituted Hydroxy 1,3- Propanediones: Green Synthesis, Characterization and Antibacterial Screening	Dr. P. V. Tekade	2013-14	978-3-659-45450-9	Lambert Academic Publishing, Germany
Chemistry Laboratory Course Book, for B.Sc. I Semester I of RTM Nagpur	Dr. P. V. Tekade	2013-14	978-93-82962-01-4	G.C. Publisher

University, Nagpur				
Soil Analysis: Study of physico chemical properties and micronutrients in soil of Wardha region	Dr. P. V. Tekade	2013-14	9781492151609	Create Space, U. S.
A Text Book of Chemistry for B. Sc. I Semester II of RTM Nagpur University, Nagpur	Dr. N. P. Mohabansi	2013-14	978-93-5097-950-1	Himalaya Publication
A Text Book of Chemistry for B. Sc. I Semester I of RTM Nagpur University, Nagpur	Dr. N. P. Mohabansi	2013-14	978-93-5142-286-0	Himalaya Publication
Nanophotocatalysis of dyes in waste water	Dr. Mrs. N. P. Mohabansi	2015	978-3-659-77716-5	Lambert Academic Publishing, Germany
Eco-friendly synthesis of few N substituted heterocyclic	Dr. S. D. Bajaj, Dr. P. V. Tekade	2017	978-3-659-55565-7	Lambert Academic press Germany
Acoustical and spectrophotometric study of N-heterocyclics	Dr. P. V. Tekade	2017	978-620-2-05167-5	Lambert Academic press Germany
Proton/Metal-Ligand stability constants of complexes of N heterocycles	Dr. P. V. Tekade	2017	978-613-6-62799-1	Lambert Academic press Germany
Organic Chemistry: Laboratory Course book	Dr. P. V. Tekade	2018	978-81-89128-66-1	Selective and scientific books, New Delhi
A textbook of fundamentals of chemistry (B.Sc. I-Sem-I)	Dr. P. V. Tekade, Dr. N. P. Mohabansi, Mr. M. D. Bansinge, Mr. N. A. Barwat, Dr. P. G. Borkar	2018	789-38-755-820-5	Meherbaba Publishers, Nagpur
A textbook of fundamentals of chemistry (B.Sc. I-Sem-II)	Dr. P. V. Tekade, Dr. N. P. Mohabansi, Mr. M. D. Bansinge, Mr. N. A. Barwat, Dr. P. G. Borkar	2018	978-93-87558-30-8	Meherbaba Publishers, Nagpur
Studies on homogeneous and heterogeneous photocatalytic degradation	Dr. N. P. Mohabansi	2019	978-620-010134-1	Lambert Academic publishing, Germany
A textbook of elements of chemistry (B.Sc. II-Sem-III)	Dr. P. V. Tekade, Dr. N. P. Mohabansi, Dr. K. M. Dadure, Mr. M. D. Bansinge, Mr. N. A. Barwat, Dr. P. G. Borkar	2019	978-93-89403-57-2	Pragati Prakashan, Meerut
A textbook of concise of chemistry (B.Sc. II-Sem-IV)	Dr. P. V. Tekade, Dr. N. P. Mohabansi, Dr. K. M. Dadure, Mr. M. D. Bansinge, Mr. N. A. Barwat, Dr. P. G. Borkar	2020	978-93-89961-30-0	Pragati Prakashan, Meerut
Structure Elucidation of Organic Compounds by Spectroscopic Techniques	Dr. P. V. Tekade,	2019	978-81-89128-87-6	Selective and scientific books, New Delhi
A textbook chemistry (B.Sc. Sem-V)	Dr. P. V. Tekade,	2021	978-93-87278-87-5	Dnyanpath Publication, Amravati

Highlights of the Syllabus under Academic Autonomy:

- The syllabus ensures that the students graduating with Chemistry as one of the subjects will have the academic standard required to pursue post-graduation in Chemistry in India and abroad.
- Students graduating as well as post-graduating with Chemistry will acquire skills that will be of tremendous value to them especially if they choose a career in Research, Academics, or Industry.
- The graduates with Chemistry will be able to face any national competitive exams held for the graduates. Also, the postgraduates of Organic Chemistry will be able to qualify examinations like CSIR-NET, SET, GATE etc.
- Syllabus contains the core branches including inorganic, organic and physical chemistry. In addition, important topics of analytical and biochemistry are also included in both UG and PG syllabi.
- Along with the theory, skill-oriented experiments including some innovative projects will prepare the students to orient themselves to bridge the gap between science and technology.

Activities:

- Implemented Massive Open Online Course using MOODLE software since July 2017
- Organized State Level Seminar Competition 'Scintillation' every alternate year since 2015.
- Webinar of Dr. Anand Deshpande on planning for career in "India First Leadership Talk Series" on 24th January 2019.
- Organised two days workshop on "Scientific Writings: Beginner's approach" for PG students on 13 & 14th Sept. 2019.
- Organised a quiz competition on the theme of "International Year of Periodic table (IYPT-2019)" for UG students on 28th Dec. 2019.
- Invited talks of Dr. Bhas Bapat, Dept. of Physics, IISER, Pune (Topic: Behind the touch screens) & Dr. Arvind Natu, Eminent Scientist & visiting faculty, IISER, Pune (Topic : History of DNA & its application) on 14th Dec. 2019.
- Participation of students in online courses of SWAYAM.
- PG Projects in collaboration with other institute (2 Students of our college doing project at MGIRI, Wardha & 3 students from Nabira Mahavidyalaya, Katol are doing project in our college)
- Participation of UG students in "National Essay Competition" (Topic: Indian constitution & Fundamental duties) as a part of "Nationwide Nagrik Kartavya Palan Abhiyan" conducted by MHRD and RUSA
- Participation of students in "Ananta Aspen Leadership Programme" organised on 14th to 19th Oct. 2019 at Bajaj Institute of Technology, Wardha.
- Participation of students in workshop entitled "Energy Chemistry & Science Communication" on 3rd Sept. 2019 organised by Deptt. of Chemistry, R.T.M. Nagpur University, Nagpur.
- Participation of students in "India International Science Festival (IISF-2019) at CSIR-NEERI" on 18th Oct. 2019 where they visited various laboratories & exhibition.
- Participation of students in Chemiad examination organised by department of Chemistry, Savitribai Fule, Pune University, Pune.
- Participation of students in CONTECH (Concept test in Chemistry) which is organised in association with Homi-Bhabha & TIFR, Mumbai.
- Organized FDP on Jmol Application in collaboration with Spoken Tutorial, IIT Bombay from 8-14th May 2020.

Academic Achievement of the Students:

Student cleared competitive Examinations

S.N.	Name of the Student	Entrance/ Competitive Exam
1.	Mr. Sunit Singh	NET, GATE
2.	Mr. Shrikant B. Thakare	NET, SET
3.	Ms.Priti Zamre	SET, PET, GATE
4.	Mr.Bhagwan Kharche	GATE
5.	Ms.Bharati Manmode	GATE
6.	Mr.Suraj Kukade	PET, SET-2016, Ph. D. Awarded-2019
7.	Mr.Ritesh Naik	Ph. D. Awarded
8.	Ms.Sonal D.Bajaj	Ph. D. Awarded
9.	Mr.Amol Kamdi	PET
10.	Mr. Aniket Balapure	SET-2016
11.	Ku. Bhagyasri Tale	SET-2015, PET- 2016
12.	Mr. Chetan Vaidya	NET-2013, SET-2013, GATE-2014
13.	Mr.Amar Uike	IIT JAM, VNIT, Pune University Entrance (2016)
14.	Ms. Neha M. Dehankar	IIT JAM2016
15.	Mr. Deepa R, Mishra	IIT JAM2016

16.	Mr. Vilom J. Jagtap	IIT JAM, VNIT, Pune University Entrance (2016)
17.	Ms. Pranali T. Bansod	IIT JAM2016
18.	Ms. Kalyani R. Za	IIT JAM2016
19.	Ms. Anuja P. Maitreya	IIT JAM2016
20.	Mr. Rohit S. Talang	IIT JAM, VNIT, Pune University Entrance (2016)
21.	Ms. Konica R. Shewate	IIT JAM, VNIT, Pune University Entrance (2016)
22.	Ms. Gazal O. Chandak	IIT JAM, VNIT, Pune University Entrance (2016)
23.	Ms. Sakshi M. Poddar	IIT JAM, TIFR, VNIT, Pune University Entrance (2016)
24.	Ms. Prajakta M. Ramteke	IIT JAM2014
25.	Mr. Pritesh R. Moon	IIT JAM2014
26.	Mr. Sagar Bagwe	Pune University Entrance (2017)
27.	Ms. Amrapali Patil	IIT JAM2017
28.	Ms. Neha Khobragade	IIT JAM2017
29.	Mr. Vishnu Lokhande	Pune University Entrance (2017)
30.	Ms. Diksha Taksande	IIT JAM 2018
31.	Mr. Shubham Pusam	IIT JAM 2018
32.	Ms. Nidhi Dekate	Pune University Entrance (2019)
33.	Ms. Pratiksha Jagtap	IIT JAM, Pune University Entrance (2019)
34.	Mr. Pratik Lamsoge	IIT JAM, Pune University Entrance (2019)
35.	Ms. Ashlesha Nasre	IIT JAM, Pune University Entrance (2019)
36.	Ms. Vaibhavi Kukutkar	Pune University Entrance (2019)
37.	Ms. Dhanashri Mujbaile	Pune University Entrance (2019)
38.	Ms. Vaidehi Bhattalwar	Pune University Entrance (2019)
39.	Mr. Kaustubh Raut	IIT JAM (2020)
40.	Mr. Rahul Baisware	IIT JAM (2022)
41.	Mr. Vaibhav Jaiswal	IIT JAM (2022)
42.	Mr. Sarvang Dhole	IIT JAM (2022)

**Students Participation and Prizes in Various Intercollegiate Competitions: -
State Level Chemistry Talent Search Examination for B. Sc. I Students
(Organized by Moolji Jaitha College, Jalgaon in Bajaj College of Science, Wardha)**

Session	Date of exam & Time	Name of the student stood 1 st Rank in College level	Rank in Maharashtra Level
2011-12	11-12-2011	Ms. Renu S. Dhale	9 th
2012-13	23-12-2012	Ms. Prajakta M. Ramteke	5 th
2013-14	15-12-2013	Ms. Gazal O. Chandak	4 th
2015-16	13-12-2015	Ms. Anshukumari Singh	3 rd
2016-17	08-01-2017	Ms. Pornima Gawande	2 nd

Intercollegiate Seminar/Quiz Competitions

Session	Competition	Organizer	Name of the student	Prize
2014-15	Intercollegiate Seminar Competition	S. K. Porwal College, Kamptee	Ms. Saveri Soni	1 st
2014-15	Intercollegiate Seminar Competition	VMV Commerce, JMT Arts and JJP Science College, Nagpur	Ms. Saveri Soni and Ms. Sakshi Poddar	1 st
2014-15	State Level Students' Seminar Competition, Scintillation '15	J. B. College of Science, Wardha	Ms. Saveri Soni	1 st
2015-16	Intercollegiate Seminar Competition	S. K. Porwal College, Kamptee	Ms. Mehnaz Ali	2 nd
2017-18	Intercollegiate Seminar Competition	S. K. Porwal College, Kamptee	Ms. Urvi Gupta	3 rd
2017-18	"CHEM-MYSTERY 2017" Intercollegiate Quiz Competition	P. G. Department of Chemistry, Hislop college Nagpur in collaboration	Ms. Suchita Nagpure & Ms. Nikita Gaur	-

		with RTMNUCTA		
2018-19	Intercollegiate Chemistry Seminar Presentation Competition CHEMS-COM 2018	Hislop College, Nagpur	Ms. Urvi Gupta	1 st
2018-19	Intercollegiate Seminar Competition	S. K. Porwal College, Kamptee	Ms. Urvi Gupta	2 nd
2019-20	Intercollegiate Seminar Competition on 'International year of periodic elements (IYPT 2019)'	Department of Chemistry , VMV Commerce, JMT Arts,JJP Science College , Nagpur & RTMNU Chemistry Teachers association	Mr. Aniket Nagrale,	2 nd Consolation prize
2019-20	Intercollegiate Seminar Competition on 'International year of periodic elements (IYPT 2019)'	Department of Chemistry , VMV Commerce, JMT Arts,JJP Science College , Nagpur & RTMNU Chemistry Teachers association	Ms. Urvi Gupta	2 nd prize
2019-20	Intercollegiate Quiz Competition on Periodic table of Elements (IYPT 2019)	Kamala Neharu Mahavidyalaya, Nagpur	Ms. Neha Kewale	2 nd prize
2019-20	Intercollegiate Quiz Competition on Periodic table of Elements (IYPT 2019)	Kamala Neharu Mahavidyalaya, Nagpur	Ms. Nidhi Dekate	2 nd prize
2019-20	Intercollegiate Quiz Competition on Periodic table of Elements (IYPT 2019)	Kamala Neharu Mahavidyalaya, Nagpur	Ms. Amruta Yadao	-
2019-20	Intercollegiate Quiz Competition on Periodic table of Elements (IYPT 2019)	Kamala Neharu Mahavidyalaya, Nagpur	Ms. Yogita Badnore	-
2019-20	CHEMIAD 2019	Savitribai Fule University, Pune	Ms. Mrunal P.Gandole	4 th Merit in state
			Ms. Payal Ekhar	First in "Top 3 from districts" category.
			Ganesh Soni	Second in "Top 3 from districts" category.
2019-20	CHEMIAD 2020	Savitribai Fule University, Pune	Shruti A. Dhopte	Platinum Rank
			Rani M. Dube Ishika S. Manshani Firdaus F. Ghanchi	Gold Rank
			Vijay S. Mete Mohini S. Rathod	Silver Rank
			Akshit A. Chamke Monal P. Nancre Ritika B. Toliwal Vaibhav Jaiswal	Bronze Rank
2021-22	"Model making & poster making competition" on "Best out of Waste" organised on 27 Nov. 2021	P. G. Department of Chemistry, Santaji Mahavidyalaya, Nagpur	Ms. Payal Chafle, Mr. Roshan Chute & Mr. Vikrant Gahukar	First Prize

Former Faculty Members of Chemistry Department: -

1. Late Shri. N.T. Galkar
2. Late Shri. R. D. Sarode
3. Shri. O. V. Maradwar
4. Shri. V. R. Chaudhari
5. Shri. S. G. Deshmukh
6. Shri. S. P. Naigaokar
7. Late Shri. N. W. Bhole
8. Dr. U. R. Chaudhari
9. Dr. S.V.Bawankar
10. Late Shri. V. B. Patil
11. Dr. R. D. Raut

Teaching Staff:

S. N.	Name of faculty	Qualification	Designation	Date of Joining	Specialization	Area of Research	Photo
1	Dr. O. A. Mahodaya	M.Sc., Ph.D., D. B. M.	Principal	25/05/2006	Organic Chemistry	Synthetic chemistry	
2	Dr. P. V. Tekade	M.Sc., B.Ed., SET, NET, GATE, Ph. D.	Associate Professor and Incharge, Dept. of Chemistry	01/12/2004	Organic Chemistry	Synthetic chemistry; Pharmacology, stability of complexes, Medicinal chemistry, Bio-organic chemistry	
3	Dr. Mrs. N. P. Mohabansi	M.Sc., B.Ed., SET, Ph. D.	Assistant Professor and Coordinator, Post-graduate Dept. of Chemistry	04/01/2007	Physical Chemistry	Photocatalysis	
4	Dr. K. M. Dadure	M.Sc., B.Ed., M. Phil., Ph. D., F.I.C.S.	Assistant Professor	02/07/2007	Organic Chemistry	Organophysical Chemistry, Medicinal Chemistry, Insilico chemistry, Nanotechnology	
5	Mr. M. D. Bansinge	M.Sc. NET	Assistant Professor	29/07/2013	Analytical Chemistry	Analytical Chemistry	
6	Mr. N. A. Barwat	M.Sc. SET, NET	Assistant Professor	29/07/2013	Physical Chemistry	Physical Chemistry, Nanochemistry	

7	Dr. P. G. Borkar	M.Sc. SET, NET, GATE, PhD, Post Doc	Assistant Professor	07/02/2017	Organic Chemistry	Synthetic Organic Chemistry, Asymmetric Synthesis, Organocatalysis, Heterocyclic Chemistry	
8	Dr. A.V. Nakhate	MSc. NET, GATE, PhD, Post Doc	Assistant Professor	02/12/2019	Organic Chemistry	Advanced Nanomaterials: Synthesis and Applications in Catalysis, Organic Transformations	
9	Dr. Mahejabeen Haque	M. Sc., B. Ed., SET, Ph. D.	Assistant Professor	02/12/2019	Inorganic Chemistry	Inorganic Chemistry, Coordination Chemistry, Environmental Chemistry,	
10	Ms. B. U. Tale	M.Sc. SET, B.Ed. P.G.D.A.C.	Assistant Professor on Contract basis	18/01/2013	Organic Chemistry	Organic Chemistry	
11	Ms. Monali R. Awchat	M.Sc. GATE	Assistant Professor on Contract basis	27/08/2019	Organic Chemistry	Organic Chemistry	

Non-teaching Staff:

S. N.	Name	Designation	Experience
1.	Mr. Dhiraj Dahilkar	Laboratory Assistant	10 years
2.	Shri. S. S. Gudadhe	Laboratory Attendant	24 years
3.	Shri. G. S. Lende	Laboratory Attendant	13 years
4.	Shri. A. D. Girde	Laboratory Attendant	08 years
5.	Shri. Vinay Rewatkar	Laboratory Attendant	01 year

Report of Chemical Society

2021-22

The Chemical Society of Department of Chemistry was inaugurated on 13th January 2022 for the academic session 2021-22, with the hands of Dr. A.V. Wankhede, Department of Chemistry, VNIT, Nagpur. On this occasion, Dr. Wankhede delivered a lecture on “Mossbauer Spectroscopy”.

Following activities were conducted under the banner of chemical society:

1. "Workshop on Fire safety" was organised, where team of Fire Brigade, Nagar Parishad, Wardha provided Hands-on-training on fire extinguisher, minimization of fire accidents, career opportunities in fire science on 12th March 2022.
2. Department has started Skill-based Certificate Course in "Industrial Wastewater Management" in collaboration with St. Xavier's College, Mumbai. 36 UG & PG Students from the college and outside the college are admitted to this course. Dr P V Tekade is facilitator and Dr Mahejabeen Haque is co-ordinator from the college and Prof. Marazban Kotwal is facilitator and Dr Abhilasha Jain is co-ordinator from St. Xavier's College, Mumbai.
3. One day webinar on "Motivational talk by Successful Entrepreneur" (Resource person: Mr. Arun Waze, Founder Chairman, Anil Cottage industry, Wardha) was organised in association with IIC to celebrate "World Entrepreneurs' Day" on 27th August 2021.
4. To inculcate knowledge about Starts-up, IPR and Entrepreneurship, Impact Lecture Series-Session on "Intellectual Property Rights (IPR) and Entrepreneurship" was organized in association with IIC on 22nd September 2021.
5. Online seminar competition for UG students was organised on 26th Oct. 2021.
6. An educational visit & Workshop on "Enchanting Experiments in Chemistry" was organised at Bajaj Science Educational Centre, Wardha on 31st March 2022. 39 PG students & 4 faculties participated in the workshop. Students also visited to various laboratories of Bajaj Science Educational Centre, Wardha.
7. Written examination for Campus placement drive by Cleantech Laboratories LLP, Mumbai was organised on 23rd Sept. 2021. 44 candidates appeared for written exam. Three PG students (Mr. Saurabh D. Timande, Ms. Chetana S. Rewatkar & Ms. Nidhi D. Dekate) selected as research executive trainee in interview process.
8. One PG student (Mr. Vikrant Gahukar) was selected as an "Office trainee – CRM (Mills)" at Uttam Value Steel Ltd., Wardha.
9. In Piramal Campus placement drive ten students applied for campus placement. Three students shortlisted for written test (written test date: 24/11/21) Two students selected for personal interview on 31st Nov.2021.
10. Mr. Sarvang Dhole, Mr. Vaibhav Jaiswal & Mr. Rahul Baisware cleared IIT-JAM in Chemistry.
11. An Inspire fellow Ms. Ayushi Deshmukh from Ferguson College, Pune carried out her research project work from 1st Oct. 2021 to 15th Nov. 2021 in the Department under guidance of Dr. A.V. Nakhate.
12. Projects on different topics have been undertaken by UG and PG students. 2 PG students are doing their projects under the guidance of scientist of *Chemistry Based Division* of Mahatma Gandhi Institute of Rural Industrialisation: MGIRI Wardha, a National institute under the ministry of Micro & Medium enterprises, Govt. of India.
13. Mr. Vikrant Gahukar & Ms. Kunali Gondane secured first & second rank respectively in "Innovative Idea/Concept" competition on 20th Nov. 2021.
14. Three PG students (Ms. Payal Chafle, Mr. Roshan Chute & Mr. Vikrant Gahukar) secured first prize in "Model making & poster making competition" on "Best out of Waste" organised by P. G. Department of Chemistry, Santaji Mahavidyalaya, Nagpur on 27 Nov. 2021.
15. Four UG/PG students participated in "University level Science Exhibition" organised by Kamala Nehru Mahavidyalaya, Nagpur on the occasion of National Science Day on 28th Feb. 2022.
16. RGST project sanctioned: Dr. D. D. Naik-Botany (Principal Investigator) and Mr. M. D. Bansinge-Chemistry (Co-Investigator).
17. "Young Scientist Award" was conferred upon Dr. P.G. Borkar by ISAS, Nagpur Chapter, during an International Conference at DRB Sindhu Mahavidyalaya, Nagpur on 25th & 26th March, 2022.
18. Provided the consultancy for Muffle Furnace to the students of B D Engineering College, Sevagram.
19. Guest lecture of Dr. Mamta Wagh, Kamala Nehru Mahavidyalaya, Nagpur was organised for PG students from 20 to 22nd March 2021 on topic Surface Chemistry & Micelle.
20. Guest lecture of Ms. Priyanka Bhukya, Anand Niketan College, Warora was organised for PG students (Topic: Polarography) on 29th March 2022.

21. Faculty and students of the department have published two papers in journals, presented five papers in conference and published a book in this session.



Bajaj Science education centre visit



“Young Scientist Award” conferred upon Dr. P.G. Borkar by ISAS, Nagpur Chapter



Innovative idea/concept competition



Prize winners: “Model making & poster making competition” on “Best out of waste” at Santaji Mahavidyalaya, Nagpur



Workshop on Fire safety