

Shiksha Mandal's
Bajaj College of Science, Wardha
(Formerly known as Jankidevi Bajaj College of Science, Wardha)
Autonomous College Affiliated to RTM Nagpur University, Nagpur

MINUTES OF ACADEMIC COUNCIL MEETING

The meeting of Academic Council of Bajaj College of Science, Wardha was held in blended (offline/ online) mode on 04/04/2024 at 12 noon. Following members attended the meeting offline.

Prof. P.V. Tekade	Chairman
Dr. Rajesh Khaparde,	Member Nominated by Governing Body
Dr. V. V. Shinde	Member - Head, Department of Electronics
Dr. V. M. Ghodki	Member – Teacher of the College
Dr. Mrs. S. S. Khandare	Member - Head, Department of Microbiology
Dr. S. H. Bagade	Member - Head, Department of Physics
Dr. Mrs. N.P. Mohabansi	Member – In-charge Department of Chemistry
Shri. R.K. Thombare	Member – In-charge, Department of Languages
Shri. R.T. Katre	Member – Teacher of the College
Dr. U. A. Malode	Member- Co-ordinator, Department of Biotechnology
Shri. N.A. Barwat	Member – Teacher of the College
Dr. D. D. Naik	Member – Teacher of the College
Dr. B. V. Mohite	Member – Teacher of the College
Dr. P. A. Saudagar	Member Secretary

Following members attended the meeting online via Zoom.

Dr. P. S. Jhaki	Member Nominated by Parent University
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Following members could not attend the meeting.

Dr. J. M. Khobragade	Member Nominated by Governing Body
Dr. S. P. Kalantri	Member Nominated by Governing Body
Dr. Ashutosh Murkute	Member Nominated by Governing Body
Dr. Yogesh Bhute	Member Nominated by Parent University
Dr. Suresh Masram	Member Nominated by Parent University
Dr. P. F. Dhabarde	Member - Head, Department of Botany
Dr. M.R. Chandrakar	Member - Head, Department of Zoology
Dr. A.D. Theng	Member – Teacher of the College

PowerPoint Slide Show - Academic PPT-04-04-2024 - 1 - PowerPoint

Certificate courses proposed by Boards of Studies

SN	Name of the Dept.	Name of Certificate Course Approved by Board of Studies	Course Coordinator	Proposed date of Commencement	Duration (Hrs)	Credit	No. of Students to be admitted
1	Phy.	Certificate Course in Arduino and sensor integration	Dr. M.M. Yerpude	October 2024	60	2	20
2	Chem.	Certificate Course in Soaps, Detergents and Disinfectants	Mr. N. A. Barwat	15/07/2024	60	2	100
3	Chem.	Foundations for IIT-JAM Success: Comprehensive Certificate Course	Mr. M.D. Bansinge	15/07/2024	60	2	100
4	Comp. Sci.	Certificate Course in Python for Data Analysis	Mr. S.A. Durge	August 2024	45	2	20

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At the outset member Secretary of Academic Council welcomed the Chairman Prof. P. V. Tekade and all the members of the council.

Agenda 1:

Confirmation of the minutes of previous meeting held on 02/11/2023.

The minutes of the meeting held on 02/11/2023 were already circulated among the members. No suggestions or modifications were received from the members; all the members unanimously confirmed the minutes of the Academic Council meeting dated 02/11/2023.

Agenda 2:

Approval to the minutes of BoS meetings held in the month of March/April 2024

Member secretary informed the house that, the meetings of the Board of Studies in all the subjects were held during 26th March to 2nd April 2024 to approve the syllabi of Sem III and IV under NEP 2020, certificate courses / other courses (GE/OE, VSEC, etc.) and approval of panel of examiners. The proposed syllabi for Sem III and Sem IV (UG/PG) and other courses were approved by the respective Boards of Studies.

The members of the council approved the minutes of BoS meetings held in the month of March/April 2024.

Agenda 3:

Approval to the certificate courses proposed by Boards of Studies.

Member secretary briefed the house about various certificate courses proposed by departments and approved by respective Board of Studies and requested members to accord their approval to these courses.

S. No.	Name of the department	Name of Certificate Course Approved by Board of Studies	Course Coordinator	Proposed date of Commencement	Duration	Credits	No. of Students to be admitted	Proposed Fee (Rs.) /Student
1	Physics	Certificate Course in Arduino and sensor integration	Dr. M.M. Yerpude	October 2024	60 Hours	2	20	500
2	Chemistry	Certificate Course in Soaps, Detergents and Disinfectants	Mr. N. A. Barwat	15/07/2024	60 Hours	2	100	400
3	Chemistry	Foundations for IIT-JAM Success: Comprehensive Certificate Course	Mr. M.D. Bansinge	15/07/2024	60 Hours	2	100	500
4	Computer Science	Certificate Course in Python for Data Analysis	Mr. S.A. Durge	August 2024	45 Hours	2	20	700
5	Botany	Certificate Course on Mushroom Cultivation	Dr. S.N. Kalode and Dr. Satish Mourya	September 2024	30 Hours	2	20-30	500
6	Microbiology	Green synthesis of nanoparticles	Ms Kalyani N. Pimpalkar	August 2024	30 Hours	2	20	300
7	Electronics	Certificate Course in Circuit Maker Simulation Software (Online)	Dr. P.A. Saudagar	August 2024	30 Hours	2	30	250
8	Biotechnology	Certificate Course in Fundamentals of Molecular Biology	Ms. K.S. Dhumane	August 2024	30 Hours	2	20	500

Academic council approved the certificate courses approved by respective Boards of Studies.

Agenda 4:

Commencement of new programmes

Member secretary informed the house that college has completed the process for commencement of M.Sc. Physics. RTM Nagpur University committee has visited the college for inspecting the infrastructure and facilities. GR from Maharashtra government is expected in the month of May/June 2024. M.Sc. Physics Programme may be started from the academic session 2024-25 after approval from all statutory bodies of parent University. Dr. Rajesh Khaparde, member of the council appreciated the efforts of the college and suggested to give wide publicity to proposed PG programme on social media incorporating the details of Major courses, Electives, Project areas, etc. to attract good students. The chairman of the council appreciated the suggestions made by the member.

Agenda 5:

Approval to the Academic Calander for the session 2024-25

Member secretary briefed the house about the Academic Calander for the session 2024-25 and requested the members of the council to accord their approval.

Tentative Academic Calendar for the Session 2024-25

	Months	Events/Activities
Academic Part	Odd Semester Session from 18th June 2024 to 30th October 2024	
	18 th June 2024	Commencement of Odd Semester of B.Sc Sem III and Sem V and M.Sc. Sem III Classes
	June 2024	Admission of Odd Semester B.Sc I and M.Sc. I under NEP
		Commencement of Odd Semester of B.Sc Sem I and M.Sc. Sem I Classes
	Even Semester Session from December 2024 to 30th April 2025	
December 2024	Commencement of Even Semester Classes - B.Sc. Sem. II, IV, VI and M.Sc. Sem II, IV	
Curricular/ Co-curricular/ Extracurricular Activities	June 2024	International Yoga Day
	July 2024	World Population Day Forest Conservation Day Induction programme for newly admitted UG/PG students Research Innovation Curricular Hour (RICH) Club Activity Institution Innovation Council (IIC) Activity
		Quit India Movement Celebration Library Day Independence Day Celebration World Sports Day Internal Class Examination (ICE-I) RICH Club Activity IIC Activity
	September 2024	Teachers Day Celebration International Literacy Day Hindi Diwas NSS Day RICH Club Activity IIC Activity Internal Class Examination (ICE-II)
		Wildlife Week Mahatma Gandhi Jayanti Wachan-Pathan Diwas World Internet Day RICH Club Activity IIC Activity Internal Class Exam (ICE-III) / College Terminal Exam
	November/ December 2024	Graduation Ceremony
	December 2024	NCC Day National Aids Day Human Rights Day Minority Rights Day National Maths Day RICH Club Activity IIC Activity NSS Camp
		National Youth Day Army Day Republic day celebration Martyr's Day National Cleanliness Day RICH Club Activity IIC Activity Internal Class Exam (ICE-I)
	February 2025	Marathi Rajbhasha Din National Science Day - Scintillation - 2025 RICH Club Activity IIC Activity Internal Class Exam (ICE-II)

	March 2025	International Women's Day RICH Club Activity IIC Activity Internal Class Exam (ICE-III) / College Terminal Exam
	April 2025	World Health Day Dr. Babasaheb Ambedkar Jayanti RICH Club Activity IIC Activity World Book Day
Examination Schedule	November / December 2024	Odd Semester Theory Exam of B.Sc Sem I, III & V and M.Sc Sem I, III
		Declaration of Result Odd Semester
	April 2025	Even Semester Theory Exam
		Declaration of Result Even Semester

* Diwali / Winter / Summer Vacation - As per RTM Nagpur University Academic Calendar

Members noted the information and approved the Academic Calander for the session 2024-25.

Agenda 6:

Results under Autonomy

Member Secretary of Academic Council presented the results of various programmes before the council.

UG Sem I Winter 2023 Examination result under NEP

Sem I	B.Sc. Botany	B.Sc. Chemistry	B.Sc. Electronics	B.Sc. Micro.	B.Sc. Maths	B.Sc. Physics	B.Sc. Zoology
% of Passing	65.12	61.97	40	89.29	44.83	52.17	68.42
Enrolled	43	71	15	28	29	23	38
Pass	28	44	6	25	13	12	26
Distinction	2	11	0	7	2	2	2
First Class	20	23	3	18	9	4	18
Second Class	6	10	3	0	2	6	6

UG Sem III Winter 2023 Examination result Non-NEP

	B.Sc. Sem III	Bot	Chem	Elect.	Micro.	Maths	Phy.	Zoo	BT	C.S.
% of Passing	49.06	81.03	59.35	70.83	67.19	40.74	48.78	76.27	62.07	68
Enrolled	159	56	118	22	61	51	37	58	29	25
Pass	78	47	73	17	43	22	20	45	18	17
Distinction	11	5	8	1	7	2	3	12	3	2
First Class	40	26	28	10	25	6	6	17	7	6
Second Class	27	16	36	6	11	9	11	16	8	9
Third Class	0	0	1	0	0	5	0	0	0	0

UG Sem V Winter 2023 Examination result Non-NEP

	B.Sc. Sem V	Bot	Chem	Elect.	Micro.	Maths	Phy.	Zoo	BT	C.S.
% of Passing	52.49	67.65	66.18	50	73.85	45.71	52.46	65.45	52.94	54.17
Enrolled	181	66	132	28	64	59	55	51	34	24
Pass	95	46	90	15	48	32	32	36	18	13
Distinction	13	4	23	2	10	2	5	11	1	2
First Class	43	27	30	8	17	4	12	13	9	6
Second Class	39	15	37	5	21	14	15	12	8	5
Third Class	0	0	0	0	0	12	0	0	0	0

PG Sem I Winter 2023 Examination result under NEP

Sem I	M.Sc. Botany	M.Sc. Chemistry	M.Sc. Micro.	M.Sc. Math.	M.Sc. Zoology
% of Passing	75	86.36	52.94	66.67	100
Enrolled	16	22	17	6	8
Pass	12	19	9	4	8
Distinction	1	4	1	1	2
First Class	9	15	8	3	6
Second Class	2	0	0	0	0

PG Sem III Winter 2023 Examination result Non-NEP

Sem I	M.Sc. Botany	M.Sc. Chemistry	M.Sc. Micro.	M.Sc. Math.	M.Sc. Zoology
% of Passing	83.33	72.73	85	55	100
Enrolled	12	22	20	20	12
Pass	10	16	17	11	12
Distinction	3	3	1	0	4
First Class	6	13	15	3	8
Second Class	1	0	1	8	0

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

S.N.	Subject Name	Enrolled	Passed	% of Passing
1	Botany Major	40	39	97.50
2	Botany Minor	26	26	100
3	Chemistry Major	64	49	76.56
4	Chemistry Minor	41	33	80.49
5	Electronics Major	14	11	78.57
6	Electronics Minor	7	3	42.86
7	Mathematics Major	24	13	54.17
8	Mathematics Minor	17	9	52.94
9	Microbiology Major	28	26	92.86
10	Microbiology Minor	30	24	80.00
11	Physics Major	19	17	89.47
12	Physics Minor	14	8	57.14
13	Zoology Major	38	28	73.68
14	Zoology Minor	40	26	65.00
15	Biotech Minor	25	23	92.00
16	Computer Science Minor	30	21	70.00

Members of the council noted the results under autonomy.

Agenda 7:

Achievements / Activities of the Students / College

Member Secretary informed the house about the achievement and activities of the college under various areas. The details are as under-

Placements:

During the academic Session 2023-24 total 26 students have been placed in various organizations as per following details.

Sr. No.	Company Name	No. of students placed 2023-24	Students Name	Per annum package (Amount in Rs.)
1	TCS BPS	11	1) Sanket Vinodrao Bhojar 2) Nidhi Shivkumar Singh 3) Siddhi Rajendra Borikar 4) Vaibhavi Ganeshrao Khode 5) Neha Gajanan Sawale 6) Shivani Sunil Shriwas 7) Vaibhav Pramod Shelke 8) Riya Arvindrao Urkande 9) Mrunali Ramkrishna Kohale 10) Janhvi Kishorrao Deshmukh 11) Shital Sureshrao Aglave	127920/-

Sr. No.	Company Name	No. of students placed 2023-24	Students Name	Per annum package (Amount in Rs.)
2	Bajaj Auto Cread (Campus placement) (CPBFI)	5	1) Jay Pundalik Pokale 2) Siddhant Narendra Bhagat 3) Achal Pramod Tamgadge 4) Pallavi Kishor Kewate 5) Tanvee Sanjay Kalmeghe	409004/-
3	Paytm (CPBFI)	1	1) Shruti Satone	407004/-
4	Solar industry Pvt. Ltd.	5	1) Pragati Satish Barod 2) Vaishnavi Vikas Dani 3) Shweta Sharadrao Magar 4) Sameer Anand Dubey 5) Tushar Kale	334900/-
5	Genworks Health Private Limited	1	1) Mr. Bhumik Vinayak Patil	204000/-
6	Dharamitra – An Eco-Technology Resource Centre for Ecological Agriculture and Sustainable Development	1	1) Harish Umate	300000/-
7	Ankur seed	1	1) Ms. Roshani Ramesh Bhosale	180000/-
8	Future Focus Infotech Pvt. Ltd. Pune	1	1) Janhvi Kishorrao Deshmukh	300000/-
	Total	26		

Members of the council appreciated the efforts by the college for facilitating placements for non-professional courses. Member of the council Dr. Rajesh Khaparde suggested that data pertaining to students who are self-employed, working as teachers and working in private firms should be considered under placement.

On Job Training Programme for P.G. Students:

Students of M.Sc. completed "On Job Training" (OJT) during 23/12/2023 to 31/12/2023.

Department	No. of Students	OJT Agency / Company / Place
Chemistry	03	Varda Agro Processing Pvt. Ltd. Nimgaon-Dahegaon, Wardha
	05	MGIRI, Wardha
	04	Haldiram Foods International Pvt. Ltd. Nagpur.
	03	Allmpus Laboratories Pvt. Ltd. Amravati
	07	Unicel Engineering Pvt. Ltd., MIDC, Wardha
Microbiology	02	Ramkrishna Bajaj College of Agriculture, Wardha
	02	Varda Agro Processing Pvt. Ltd. Nimgaon-Dahegaon, Wardha
	02	SKR Agrotech, Pvt. Ltd. Wardha
	02	Rashi Diagnostic Laboratory, Wardha
	02	Amey Pathology Laboratory, Wardha

Department	No. of Students	OJT Agency / Company / Place
	02	Sai Clinical Laboratory, Wardha
Mathematics	06	Bajaj Science Center, Wardha
Zoology	08	Ayursh Herbal Honey, Wardha
Botany	16	Ramkrishna Bajaj College of Agriculture, Wardha
TOTAL	64	

Students' participation in National level event:

Ms. Sanskruti Gajanan Petkar selected and participated as 'Female NSS Volunteer' for the 2024 Republic Day Parade Camp held at New Delhi from 1st January to 31st January, 2024.

Students' participation in state level events:

- 'Maharashtra Student Innovation Challenges' was organized in October 2023 through the Maharashtra State Innovation Society to embody the innovations of students in the state. 15 innovative ideas from Bajaj Science College were presented in this competition. Best two ideas of the students, 1) Shri Sameer Anand Dubey (MSc) and 2) Harshal Ravindra Deshmukh / Neha Bhagat (BSc) won district level prize. They received a seed capital fund of Rs. one lakh each.
- Students of B.Sc. Sem VI presented their research idea successfully at 'District Level Avishkar 2023-24' at Shri Shivaji Science College, Nagpur, on 16th December 2023. Ms. Disha Sojrani & Mr. Roshan Fukat were selected for state level Avishkar.
- Cultural Committee in association with Department of Biotechnology and Students' Council, BCS, Wardha organized Online State Level 'Paper Craft Making Competition' on 30th October 2023. Total 11 participants participated in competition. Our students Mahamaya S. Shambaharkar and Mouly S. Kant won first prize and third prize winner was Miss Mrunali N. Tarale.
- Ms. Saksham Bhagat and Mr. Gitesh Dhankate students of B.Sc. II participated in the 'State level seminar competition 2023-24' organized by department of Chemistry, S.K. Porwal College, Kamphthi on 14/03/2024. In this competition, Mr. Gitesh Dhankute secured Second Prize while ms. Saksham Bhagat received consolation prize.

Students' participation in Interuniversity level events:

- Students participated in 'Vidharba University Physics Teachers Association (VUPTA) Seminar Competition' organized by Gondwana University at Government Science College Gadchiroli during 24th -25th February 2024. Two Students Roshan Fukat (Sem-VI) and Mitali Daware(Sem-IV) won prizes in Poster competition, Seminar Competition and Elocution Competition.
- Ms. Saksham Bhagat (BSc Sem IV) bagged first prize in oral presentation competition in UG category, and Mr. Rohit Bharadwaj and Mr. Prashik Fulmali received the third prize in the poster presentation competition held on the occasion of Wetland Day on 02 February 2024, organized by Shri Shivaji College of Arts, Commerce and Science College, Akola.
- Miss Chanchal Nanhe, Miss Pranjali Bhojar and Miss Mayuri Kapse from Sem IV won the 2nd prize worth Rs. 3000 for wall making competition in science fiesta organized by Rashtrasant Tukdoji Maharaj Nagpur University, Nagpur on 28th and 29th February 2024.

Students' participation in Intercollegiate / other level events:

- Ms. Prajakta Mukulwar, Ms. Sayali Shende and Ms. Rutuja Wandare won the consolation prize in the 'Innovative Idea Competition Maharashtra Students Innovation Challenge 2024' organized by Bajaj College of Science in association with Maharashtra State Innovation Society and Skill Employment, Entrepreneurship and Innovation Department Wardha.

- Miss Disha Sojrani secured first prize, Miss Trupti Paturkar secured second prize and third prize winner was Mast.Hitesh Chaudhari in Elocution Competition under 'Jal Jeevan Mission' organized by Water Supply Division Zilla Parishad Wardha on 20/12/2023.
- Ms. Rutuja R. Kadu, Ms. Purva V. Pandavkar and Ms. Achal V. Chichate participated in Essay Competition organized by Dhanwate National College, Nagpur. Ms. Rutuja R. Kadu got Second prize in the Essay Competition 23 to 27 December 2023.
- Mr. Gitesh Dhankute participated in the Debate Competition organized by Dhanwate National College, Nagpur on 23 to 27 December 2023.
- Cultural Committee in association with RICH Club BCS, Wardha organized online 'Rangoli Competition' on 8th March 2024. Total 26 participants participated in competition. Miss Palak Mohadure won first prize, Miss Shruti B. Nirwan won second prize and third prize winner was Miss Janhavi Salodkar.
- Ms. Saksham Bhagat and Mr. Gitesh Dhankate students of B.Sc. participated in UG level 'Intercollegiate seminar competition 2023-24' organized by Department of Chemistry, Shri. Mathuradas Mohota College of Science, Nagpur. In this competition Ms. Saksham Bhagat secured First prize. on 24/02/2024
- Cultural Committee in association with CWSS BCS, Wardha organized 'Mehendi Competition' on 9th March 2024. Total 18 participants participated in competition. Miss Bushra Pathan won first prize, Miss Aaliya Nazz Sayyad Ansar won second prize and third prize winner was Miss Sakshi N Nimje.
- Mr. Ishwar Gujarkar and Sakshi Kadu participated in 'Shivotsav Essay Competition' organized by Rhunanubandha foundation to celebrate the 350th year of Shri. Shivaji Maharaja's Rajyabhishek 2023-24.

Students' participation in National level Sports events:

- Ms. Tejaswini S. Yuvnath (B.Sc.III) represented Maharashtra Ball Badminton Women Team in WEST ZONE National Ball-Badminton championship (Men & Women) 2023-24 held at Ahmedabad (Gujrat) during 21st to 23rd March 2024 and secured SILVER Medal.
- Miss. Asawari Sanjay Deshmukh (B.Sc. I) represented Maharashtra state in all India Independence Karate Competitions held at Delhi and won gold and silver medal.
- Ms. Purva Vijay Pandavkar (B.Sc.III) represented RTMNU (WOMEN) team in West Zone Inter University Handball Championship held at UDAIPUR (RAJASTHAN) organized by Mohanlal Sukhadia University, Udaipur. The competition was held during 19th January to 23rd January 2024
- Mr. Anuj Mohan Thakare (B.Sc.III) represented RTMNU (MEN) team in West Zone Inter University Handball Championship held at SAGAR (M.P.) organized by Dr. Harising Gour Vishwavidyalaya Sagar, (M.P.). The competition was held during 10th January to 13th January 2024
- Mr. Abhishek Anil Sonawane (B.Sc.III) represented RTMNU WUSHU (MEN) team in All India inter university WUSHU championship held at Jammu Organized by University of Jammu held during 13th February to 17th February 2024
- Mr. Guruprasad Mohanrao Satone (B.Sc.II) selected to represent RTMNU Ball-Badminton (Men) team in All India inter university Ball-Badminton championship held at Bangluru Organize by Bengaluru North University.
- Ms. Bushra Nasir Pathan and Utkarsha Janardhan Sahare (B.Sc.II) represented RTMNU Ball-Badminton (Women) team in All India inter university Ball-Badminton championship held at Chennai organized by Anna University during 21st to 24th March 2024.
- Mr. Nishant Dharpal Yadav (B.Sc.II) selected to represent RTMNU Ball-Badminton (Men) team in All India inter university Ball-Badminton championship held at Bengaluru Organize by Bengaluru North University.

Students' participation in State/University level Sports events:

- Ballbadminton Women Team participated in Intercollegiate BALL-BADMINTON (women) tournament under RTMNU, Nagpur during 26th to 27th February 2024 and secured SILVER Medal.
- Miss. Asawari Sanjay Deshmukh represented Wardha District for KSRFI Open Gold Cup Karate Competition at Nanded and won Gold and Silver Medal in the competitions.
- Ballbadminton Men Team participated in Intercollegiate BALL-BADMINTON (Men) tournament under RTMNU, Nagpur during 26th to 27th February 2024 and secured SILVER Medal.
- Ms. Purva Vijay Pandavkar (B.Sc.III) represented Wardha district handball women Team to represent 50th Maharashtra State senior Handball championship (Women) 2023-24 held at Chalisgaon, Dist. Jalgaon On dated 23rd to 25th February 2024.
- Two students of B.Sc. I, eight students of B.Sc. II and one student from B.Sc. III year represented Wardha District Team in 67th Senior maharashtra State Ball-Badminton Championship (Men & Women) 2023-24 held at Vasmat, Dist. Hingoli. during 26th December to 29th December 2023
- WUSHU Men Team participated in Intercollegiate Wushu (MEN) tournament under RTMNU, Nagpur was held during 31st January 2024 to 1st February 2024.

Member secretary informed the council members about the activities conducted by various departments of the college for students. The activities are as under-

- College level Quiz competition "Molecule Mania Championship" held in the month of October 2023.
- Career Guidance & Competitive Examinations cell organized Orientation program for Competitive examinations (UPSC & MPSC) in association with Unique Academy, Pune, on 20th October 2023.
- Workshop on "Career in Waste Management" was organized by Department of Biotechnology, Bajaj College of Science, Wardha on 27th October 2023. Dr. Ashish Polkade, Founder, Bharat Eco Solutions and Technologies, Pvt. Ltd. Pune and Mr. Suraj Bhagat, Certified Career Counsellor, Founder Rising India Pune were the guest speaker.
- NSS Unit of Bajaj College of Science, Wardha in association with Sewashram Balgruh, Wardha organized "UMMID KA DIYA" Exhibition cum Selling of "Diwali Diyas" made by little kids of Sewashram Balgruh on 30/10/2023.
- Celebrated Constitution Day on 26/11/2023.
- Centre for Women Studies and Services (CWSS) organized an Awareness Program on "Sexual Harassment and Gender Discrimination Atrocity" on 6th December 2022.
- NSS camp was held at Belgaum (Zadgaon) during 25/12/2023 to 31/12/2023. Fifty-three undergraduate students participated in the residential camp.
- To Create Awareness about library resources and to develop reading habit among students a Book Exhibition was organized at Dr. Damle Library on 01.02.2024

Member secretary informed the house that "Research Innovation Curricular Hour" (RICH) Club was established on 21st March 2022 to promote preformed academic ecosystem among the students and to motivate them to think on novel ideas. In all, 38 UG & PG students are selected as a functional group member in the core body of RICH one from each class for the session 2023-2024. There is one teacher mentor from each department to monitor and facilitate the activities. Following activities were carried out under RICH Club 2023-2024. Last Week of February-2024 was celebrated as National Science Week with following activities –

- Impact lecturer series on "Pathways for Quality Innovation and Entrepreneurship in Green Industry and Agriculture" was arranged on 27th February 2024. Prof. B. L. Chaudhari (Director, KCIL, Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon) Shri. A. L.

Wadurkar (Master Trainer in SOP, Industry Management Consultant, Wardha) were the resource persons.

- 'Contech 2023-24' and 'Chemiad 2023-24' exams were conducted by department of Chemistry on 23/02/2024 and 25/02/2024 respectively.
 - 'Biogenius competition 2024' was organized by department of Zoology on 23/02/2024
 - Department of Physics organized an online quiz competition on the theme 'Impact of Science on Human Life.' on 28/02/2024. Hundred students from all over India participated in the event.
 - Guest lecture on 'Advances in Biocontrol' was organized by department of Microbiology on 27/02/2024. Dr. S.V. Patil, School of Life sciences, KBCNMU, Jalgaon was the resource person.
 - Zoological and Botanical Societies in association with Rich Club and IIC, organized a 'Nature Walk' on the occasion of National Science Day. The venue of the walk was Biodiversity Park. BSc., MSc. and Ph.D. students along with teachers and staff participated in the event.
 - Seminar and Poster Competition was organized by department of Chemistry on 28/02/2024.
 - To test students' Computer Coding Skills 'Blind Coding Competition' was organized by department of Computer Science and Electronics on 28/02/2024.
 - Model Competition and Exhibition was organized by department of Zoology and Botany on 28/02/2024. Ms. Aakanksha Kale, M.Sc. II won third prize in this competition.
 - Online Quiz Competition on General Biotechnology was organized by department of Biotechnology on 28/02/2024.
 - "Workshop on Science Behind Musical Instruments" was organized by department of Physics to make the students aware about various musical instruments, their construction and the methodology of working.
 - 'National Photo Essay Competition -2024' was organized by Department of Physics, BCS in association with Indian Association of Physics Teachers (IAPT). This activity was arranged to improve creative thinking and innovative ideas among the students.
- Seminar competition on "Why Chemistry Matters" in association with Chemical Society was organized
 - Mathematical Model and Poster Making Competition on 2nd March 2024 was organized by department of Mathematics.

Member secretary informed the house that college has framed MoE's Institution Innovation Council (IIC) to systematically foster the culture of innovation, to engage faculty and students in various innovation and entrepreneurship related activities. Office bearers of Council were appointed for 2023-2024. The highlights and activities of IIC are as under-

Select highlights of IIC For 2023-2024:

- College has retained two star (**) rating during IIC-5
- Received Impact Lecture Series Grant of Rs. 20000/-

Activities carried out under IIC from October 2023 to March 2024:

- Impact Lecture Series on "Pathways for Quality Innovation and Entrepreneurship in Green Industry and Agriculture" on 27 Feb 2024.
- Online quiz competition on National Science Day 2024.
- Session on 'Awareness Regarding Innovation and Entrepreneurship among the students on 12th Feb 2024.
- Two days Workshop on "Design Thinking, Critical Thinking and Innovation Design" on 30-31 January 2024.

- Celebration of Viksit Bharat@2047 Utsav in Campus by conducting Webcast of Inaugural Speech of Hon'ble Prime Minister of India on 14th December 2023
- Celebration of Energy Conservation Day on 14th December 2023
- Participated IIC Regional Meet at Raisoni Engineering College, Nagpur on 13th December 2023
- Innovation Day "Vachan Prerana Divas" Celebration on 14 Oct. 2023.
- Organized "My Story: Motivational Session" by Successful Entrepreneur Mr. Abhishek S. Acharya, Director, Dizviz Production, Nagpur.

All the members of the council appreciated the efforts taken for the overall development of students by the faculty and the college administration. Dr. Rajesh Khaprde, member of the council suggested to mention the name of the concern department and faculties involved in the activities as mentor in the report and also to give wide publicity of these events via social media.

Agenda 8:

The member secretary of the council informed the house about ongoing Research Activities including awards and recognition, Research Projects and Grants Received, Seed Money Provided to Teachers, PhD Supervisors, PhD Registered, PhD Submitted, Research papers in the SCI Journals, Books and Chapters in Books Published by faculties, faculty participation in seminars/conferences and symposia, Revenue generated from consultancy and Number of functional MoUs. The details are as under-

Award and Recognition:

- Dr. B. V. Mohite has been recognized as **one of the top 2% Most Influential Scientists of 2022** by Stanford University. (<https://insights2techinfo.com/top-2-most-influential-scientists-single-year-in-2022-stanford-university-list-analysis-of-indian-researchers/>)
- Dr. Bhavana V. Mohite won **Best Oral Presentation Award** for title "Mosquito free environment with Agro waste cultivated Metarhizium sp. Formulation" at Interdisciplinary National Conference on Scientific approaches for sustainable development organised by Wilson College Mumbai on 5th December 2023.
- Dr. Mayur G. Ingale won the **Best Oral Presentation Award** for title "Studies on antimicrobial activity of Opuntia ficus-India L. Cladode extracts against Multidrug resistant Candida parapsilosis isolates and characterization of its bioactive compounds" at Interdisciplinary National Conference on Scientific approaches for sustainable development organised by Wilson College Mumbai on 5th December 2023.
- Dr. Ms. M. A. Haque won the **Best Poster Award** at 13th National Conference on Thermodynamics of Chemical and Biological Systems organized by Department of Chemistry, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur on 28th October 2023.
- Dr. P. A. Saudagar won the **Best Oral Presentation Award** for title "Integrated Fuzzy Logic Controller for Temperature Control" at National Conference on "Recent Advancements in Science & Technology" organised by Vidya Bharati Mahavidyalaya, Amravati on 10th February 2024
- Dr. Kunal Kale received **National Biotech Award 2023 on 20th May 2023.**
- Shri. V.B. Garad, is appointed as a **Coach for the All India Inter University Ball Badminton (Women)** tournament for the year 2023-24 held at Chennai by Anna University from 21/03/2024 to 24/03/2024.

Research Projects and Grants Received:

Sr No	Name of the Project/ Endowments, Chairs	Name of the Principal Investigator/ Co-Investigator (if applicable)	Department of the Principal Investigator/ Co-Investigator	Name of the Funding Agency	Type (Govt./ Non-Govt.)	Funds provided (INR in lakhs)	Duration of the Project
1	"Investigations on larvicidal activity of different green synthesised Nano particles on various genus of mosquitos found in Wardha region".	Mr. Vaibhav Khandwekar (PI), Dr Saikat Biswas(Co-PI)	Zoology	Rajiv Gandhi Science and Technology Commission, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur	Government	Second Instalment of 0.15 lakh received in Oct-2023 (First instalment of 1.2 lakh was received last year, Total sanctioned grant was of 2.0 lakhs)	2 Years
2	"Investigation on nanopreparation of chitosan and chitosan-metal complexes of different molecular weights and their efficacy on sucking pest and leaf/boll eating insects of cotton"	Dr. D. D. Naik (PI), Mr. M. D. Bansinge(Co-PI)	Botany (PI), Chemistry (Co-PI)	Rajiv Gandhi Science and Technology Commission, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur	Government	Second Instalment of 0.74 lakh received in Oct-2023 (First instalment of 2.26 lakh was received last year, Total sanctioned grant was of 3.0 lakhs)	2 Years
3	Development of agro waste based mycopesticide formulation for controlling mosquito population: a scientific effort for rural women empowerment	Dr. Bhavana V. Mohite	Microbiology	Department of Science and Technology, New Delhi.	Government	Second Instalment of 2.5 lakh received in June-2023 (First instalment of 8.802 lakh was received last year, Total sanctioned grant was of 13.446 lakhs)	3 Years

The principal of the college informed the house that DST-FIST Grant sanctioned Rs. 57 Lakhs for recurring and non-recurring expenses out of which Rs.37,49,965.00 was received. However, 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.

He further added that 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.

Members noted this information.

Seed Money Provided to Teachers (2023-2024):

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-Seed 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) 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, Assi. Professor (Contract) 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

PhD Supervisors: 12

Newly Approved (1) Dr. V. J. Sharma

PhD Registered: 10

Three newly registered students for PhD

Name of the supervisor	Name of the Ph. D. Scholar	Date of registration	Title of the thesis for scholar
Dr. Dhiraj D. Naik	Bhagyashri Umrao Gharjale	18/12/2023	Effect of ambient factor and support host on biomechanical features, chemical defences, and biomass allocation of climbing plants and selection of climbers for green facade cooling effect
Dr. Dhiraj D. Naik	Sheerin Parveen Syed Hussain Ali	18/05/2023	In vitro regeneration and hairy root transformation of <i>Tricosanthes cucumerina</i> L. and <i>Diplocyclos palmatus</i> L. for production of ribosome inactivating proteins and secondary metabolites
Dr. Dhiraj D. Naik	Mohan Tukaram Kapse	16/05/2023	Synthesis, characterization, and the effects of hybrid chitosan nanoparticles on the growth, yield, and improving biotic stress tolerance of legume crops

PhD Submitted: 1 (New)

Sr. No.	Name of the Ph.D. Scholar	Name of the Guide	Title of the Thesis	Date of Registration	Date of thesis submission
1	Ms. Bhagyashri Umakant Tale	Dr. Pradip V. Tekade	Synthesis, Characterization of Graphene Based Polymer Nanocomposites and Their Application as Solar Cell and Supercapacitor	28/01/2020	27-10-2023

Research papers in the SCI Journals (Scopus/Web of Science): 3

Title of Paper	Name of the Author/s	Department of the Author(s)	Name of Journal	Year	ISBN / ISSN Number	Link of the Publication
A Review of Nanostructured Transition Metal Phosphide-Driven Electrocatalytic Oxygen Evolution Reaction	Tarik Aziz, Mahejabeen A. Haque , Sukanta Saha, Biswajit Mondal, Siddarth Jain, and Arnab Dutta*	Chemistry	Energy Fuels , Vol. 37, Issue: 23, Year: 2023 , Page No.: 18291–18309	November 2023	0887-0624 (print); 1520-5029 (web)	https://doi.org/10.1021/acs.energyfuels.3c02773 (Impact factor- 5.3)

Title of Paper	Name of the Author/s	Department of the Author(s)	Name of Journal	Year	ISBN / ISSN Number	Link of the Publication
Solvothermal single-pot synthesis of Pd-Fe ₃ O ₄ @GO catalyst: Enhanced catalytic performance in Sonogashira coupling reactions	Mahesh A. Pawar, Akhil V. Nakhate , Samidha S. Kadu, Pradip V. Tekade	Chemistry	Applied Organometallic Chemistry, Feb. 2024 .	2024	Online ISSN:1099-0739 Print ISSN:0268-2605	https://doi.org/10.1002/aoc.7405 (Impact factor-4.1)
Author Correction: Biogenic synthesis of selenium nanomaterial and its application as anti-nematode booster in Solanum lycopersicum (Tomato)	Pradnya B Nikam, Jitendra D Salunkhe, Bhavana V Mohite , Rakesh S Chaudhari, Satish V Patil	Microbiology	Vegetos, Vol. 36, pp. 1140. April 2023	2023	0972-0030	https://doi.org/10.1007/s42535-022-00546-5 (Impact factor: 0.41)

Books and Chapters in Books Published by faculties: 5

Sr No	Title of The Book /Chapters Published	Name of The Author	National / International	Year of Publication	ISBN/ISSN Number	Name of The Publisher
1	Isolation of Ciliates and Flagellates from Soil. (In Book- Practical Handbook on Soil Protists, 2024, pp. 73-79. https://doi.org/10.1007/978-1-0716-3750-0_13)	Amol D Theng , Bhavana V Mohite , Satish V Patil	International	March 2024	Print ISBN 978-1-0716-3749-4 Online ISBN 978-1-0716-3750-0	Humana, New York, NY
2	Isolation and Enumeration of Mycophagous Protist (In Book- Practical Handbook on Soil Protists, 2024, pp. 81-85. https://doi.org/10.1007/978-1-0716-3750-0_14)	Amol D Theng , Bhavana V Mohite , Satish V Patil	International	March 2024	Print ISBN 978-1-0716-3749-4 Online ISBN 978-1-0716-3750-0	Humana, New York, NY
3	Isolation and Cultivation and Staining of Paramecium (In Practical Handbook on Soil Protists, 2024, pp. 189-194. https://doi.org/10.1007/978-1-0716-3750-0_32)	Satish V Patil, Sunil H Koli, Bhavana V Mohite , Jitendra D Salunkhe, Amol D Theng , Atharv S Patil	International	March 2024	Print ISBN 978-1-0716-3749-4 Online ISBN 978-1-0716-3750-0	Humana, New York, NY

Sr No	Title of The Book /Chapters Published	Name of The Author	National / International	Year of Publication	ISBN/ISSN Number	Name of The Publisher
4	Isolation and Cultivation of Euglena (In Practical Handbook on Soil Protists, 2024, pp. 195-200. https://doi.org/10.1007/978-1-0716-3750-0_33)	Satish V Patil, Sunil H Koli, Bhavana V Mohite , Narendra S Salunkhe, Atharv S Patil	International	March 2024	Print ISBN 978-1-0716-3749-4 Online ISBN 978-1-0716-3750-0	Humana, New York, NY
5	Microorganisms in the Pathogenesis and Management of Pouchitis (In Book- Role of Microorganisms in Pathogenesis and Management of Autoimmune Diseases: Volume II: Kidney, Central Nervous System, Eye, Blood, Blood Vessels & Bowel) https://doi.org/10.1007/978-981-19-4800-8_14	Hemant Borase, Bhavana Mohite , Satish Patil, Jemisha Mistry, Mitesh Kumar Dwivedi, Ramar Krishnamurthy	International	2023	Print ISBN 978-981-19-4799-5 Online ISBN 978-981-19-4800-8	Springer, Singapore
6	Review on Current Progress of MnO ₂ -Based Nanocomposites for Supercapacitor Application... (In Book-- Innovations and Applications of Hybrid Nanomaterials)	Bhagyashri U Tale, Pradip Tekade	International	2023	ISSN:2327-5448 EISSN:2327-5456	
7	Conducting Polymers: A Review (In Book -Recent Trends in Research in Chemical Sciences)	Bhagyashri U Tale, Pradip Tekade	National	2023		

Faculty participation in Seminars/Conferences and Symposia (2023-2024):

No. of Faculty	International level (number)	National level (number)	State level (number)	Local level (number)
Attended Seminars/Conferences/Workshops	12	8	0	0
Presented papers	10	8	0	0

Revenue generated from consultancy:

Rs. 1,20,000/- (XRD and FTIR Spectrophotometer)

Number of functional MoUs:

14 New MoUs

Sr No	Organization with which MoU/Collaboration/Linkage is signed	Date of Signing	Duration (validity)	Purpose of MoU
1	Cleanchem Laboratories LLP, Mumbai	20 th Oct. 2023	Until terminated by either party.	To explore the possibility of Placement and Internship of Students
2	The Unique Institute of Higher Learning Pvt. Ltd., Nagpur	20 th Oct. 2023	Until terminated by either party.	Joint venture for organizing workshops and students / faculty exchange programme
Sr No	Organization with which MoU/Collaboration/Linkage is signed	Date of Signing	Duration (validity)	Purpose of MoU
3	Jamnalal Bajaj Seva Trust (JBST), Wardha	7 th February 2024	Until terminated by either party.	To establish collaboration to enhance quality of science education among rural students
4	Minimines Cleantech Solutions Pvt. Ltd., Bengaluru, Karnataka.	12 th August 2023.	12 months from date of signing	To explore collaboration for innovation, startup and entrepreneurship
5	Anand Niketan College, Warora.	1 st Sept. 2023	31 st August 2028	To explore the possibility of research and training for stake holders of both the organizations
6	Infilux Illuminations Pvt Ltd. Nagpur	1 st Dec. 2023	10 Years from signing date	Exchange of faculty and students for research and training
7	Incubein Foundation, Busniess Incubation Center, RTM Nagpur University Campus, Nagpur.	26 Dec 2023	3 years	Development of Incubation Sub-Centre at College
8	Bajaj Institute of Technology, Wardha.	25 th August 2023	Until terminated by either party	Exchange of faculty and students for research and training
9	Ayush Herbal Honey Wardha	7 th Dec. 2023	5 years till 2027-2028	To provide on-the-job training opportunities for students
10	Urvi Transformer Pvt. Ltd., MIDC, Wardha	19 th Oct. 2023	5 years	Exchange of faculty and students for research and training
11	Brijlal Biyani Science College, Amravati	20 th Oct. 2023	Until terminated by either party	Joint venture for organizing workshops and students / faculty exchange programme
12	Bharat Ecosolutions Technology, Pune.	27 Oct 2023	5 Years	Exchange of faculty and students for research and training
13	Rising India, Pune.	17 Jan 2024	5 Years	Joint venture for organizing workshops and training for students / faculty
14	Shri Shivaji College of Arts, Commerce and Science, Akola.	20 th Dec. 2023	5 Years	Exchange of faculty and students for research and training

Members noted the information and appreciated the efforts.

Agenda 9:

Any other point with the permission of Chair

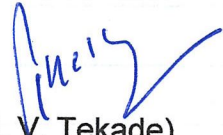
With the permission of the chair, Dr. P. A. Saudagar, Chairman, Board of Studies in Computer Science informed the house about the unwillingness of Mr. Nitin Biniwale to work as BoS Member in Computer Science due to his personal reasons.

Members noted this information.

Meeting was concluded after the vote of thanks by member secretary.



(Dr. P. A. Saudagar)
Member Secretary



(Prof. P. V. Tekade)
Principal