



VSPM ACADEMY OF HIGHER EDUCATION, NAGPUR

## JAWAHARLAL NEHRU ARTS, COMMERCE & SCIENCE COLLEGE,

WADI, NAGPUR-440 023 (M.S.) ☎ (07104) 297091

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### Annual report 2023-24

#### Introduction:

Since 1990, Jawaharlal Nehru Arts, Commerce, and Science College have been effectively managed in the rural area of Wadi by VSPM's Academy of Higher Education, a prominent institution renowned for its commitment to providing quality education in and around Nagpur. The college has ambitious objectives to enact diverse policies and initiatives aimed at advancing societal welfare. The college has mission to become a centre of quality education by promoting high academic and social pursuits and competencies of students for growth and development of rural population.

The college endeavours to inculcate global competencies among students to meet rapidly changing global challenges by disseminating quality education to rural youths to foster development of the rural areas.

#### Admission:

For the session 2023-24, the admission details of college are as below

Programme Name	Number of Seat Sanctioned	Number of students admitted
B. A.-I	220	132
B.A. -II	220	68
B.A. -III	220	73
B.Com.-I	120	108
B.Com.-II	120	84
B.Com.-III	120	79
B.Sc.-I	120	97
B.Sc.-II	120	51
B.Sc.-III	120	62
B.Com (Computer Application) - I	120	02
M.Com.-I	80	21
M.Com.-II	80	31
Total		808

**List of Teaching Faculty:**

Name of the teacher	Designation	Year of appointment	Name of the Department
Kalpana S.Borkar	Professor	1991	Marathi
Avinash R. Nagpure	Professor	1991	Mathematics
Sanjay S. Tekade	Professor	1994	Commerce
Gajanan D. Zade	Asso. Professor	1995	Physics
Leena V. Phate	Asst. Professor	1995	English
Premlata P. Kurhekar	Asst. Professor	1995	Library Sci.
Narendra V. Gharad	Asst. Professor	1999	Physics
Sarang S. Khadse	Professor	1999	Physical Edu
Nitin C. Kongre	Asso. Professor	1999	Chemistry
Manisha M. Bhatkulkar	Asso. Professor	2000	Zoology
Arun U. Deore	Asso. Professor	2000	Zoology
Nabha H. Kamble	Asso. Professor	2000	Commerce
Archana K. Deshmukh	Asst. Professor	2000	English
Nirly R. Petkar	Asst. Professor	2000	English
Subhash K. Shembekar	Asso. Professor	2000	Commerce
Ravindra S. Barve	Asst. Professor	2010	Sociology
Kashinath S. Manmode	Asst. Professor	2023	History
Avinash N. Ingole	Asst. Professor	2023	Chemistry
Rahul S. Doifode	Asst. Professor	2021	Commerce
Shrikant Kaithal	Asst. Professor	2023	Computer Science
Dhanraj B. Rathod	Asst. Professor	2023	Economics
Sumit Kumar Singh	Asst. Professor	2023	Hindi
Akanksha B. Bangar	Asst. Professor	2023	Hindi
Sunit R. Akhande	Asst. Professor	2023	Political Science
Shital Bonde	Asst. Professor	2023	Political Science
Vaishaki Dhanvijay	Asst. Professor	2023	Marathi
Kalpana Shinde	Asst. Professor	2023	Marathi
Mr. Aashish Dehankar	Asst. Professor	2023	Commerce
Mr. Vaibhav Menghare	Asst. Professor	2023	Botany
Mayuri Deshmukh	Asst. Professor	2023	Botany
Ashwini Shende	Asst. Professor	2023	Zoology
Sumit Gurchal	Asst. Professor	2023	Zoology
Pranali Umredkar	Asst. Professor	2023	Chemistry
Akshay Patil	Asst. Professor	2023	Chemistry

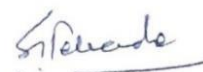
**Pass percentage of the students during the year:**

Year	Program Code	Program Name	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage(%)
2022-23	-	B.A.	69	51	73.91
	-	B.Com.	71	38	53.52
	-	B.Sc.	61	54	88.52
	-	M.Com.	30	28	93.33

## Activities for Year:

Various activities were performed during the academic year, some of the activities are listed as below.

S.No.	Activity	Committee/Department	Date
1	National Conference on Multidisciplinary Research and Studies	IQAC & Department of Chemistry	20 <sup>th</sup> March 2024
2	Certificate course on Soft Skills, Personality Development, and Interview Techniques.	IQAC & Department of English	13 <sup>th</sup> Oct. 2023
3	Workshop on Research Methodology	IQAC & Department of English & Department of Commerce	20 <sup>th</sup> Jan 2024
4	Yoga day	Sports, NCC and NSS Unit	21 <sup>st</sup> June 2023
5	Induction program & Workshop on National Education Policy (NEP 2020)	Teacher and Student Welfare Committee	25 August 2023
6	Competitive Exam and Career Guidance Workshop	Competitive Exam and Career Guidance.	12 August 2023
7	World Entrepreneurship Day 2023		
8	Intercollegiate Seminar Competition on the Occasion of National Science Day	Department of Zoology	4 <sup>th</sup> March 2023
9	One Day Workshop on Millets	Department of Zoology	31 <sup>st</sup> August 2023
10	Wachan Purna Divas	Department of Library and Department of Marathi	15 <sup>th</sup> October 2023
11	JIO 5G Awareness Training Program	Department of Commerce	5 <sup>th</sup> October 2023
12	Right to Information Act Day	Political Science & Hindi Department	27 <sup>th</sup> September 2023
13	Importance of Financial Market in Indian Economic Development	Department of Commerce & Management and Department of Economics	12 <sup>th</sup> October 2023
14	Inauguration of Chemical Society, Induction Programme & Guest Lecture on Career in Chemistry	Department of Chemistry	7 <sup>th</sup> October 2023
15	“Celebration of World Ozone Day” “Guest Lecture: Awareness about Environmental and Chemical Sciences” “Inter-Collegiate Quiz Competition”	Department of Chemistry	16 <sup>th</sup> September 2023
16	Awareness Program: Effects of Medicine, Health and Hygiene	Department of Chemistry in association with Department of English	20 <sup>th</sup> September 2023
17	“WORLD EARTH DAY”	Department of Zoology, Chemistry, Environmental Studies and	22 <sup>nd</sup> April 2024
18	Biological Excursion Tour at Kuwara Bhivsen and Ghoghra Mahadev	Department of Zoology and Botany.	27 <sup>th</sup> October 2023
19	One Day Workshop on Women Empowerment	Department of Zoology	26 <sup>th</sup> February 2024
20	Certificate Course: JAVA	Computer Science Department	12 <sup>th</sup> September 2023 to 10 <sup>th</sup> October 2023



Principal  
Jawaharlal Nehru Arts, Comm. &  
Science College Wadi, Nagpur

## National Conference on Multidisciplinary Research and Studies



**Certificate course on Soft Skills, Personality Development, and Interview Techniques**



Nagpur, Maharashtra, India  
50, Mangalmurti Society, Wadi, Nagpur,

## Workshop on Research Methodology



## Induction program & Workshop on National Education Policy (NEP 2020)



## Competitive Exam and Career Guidance Workshop

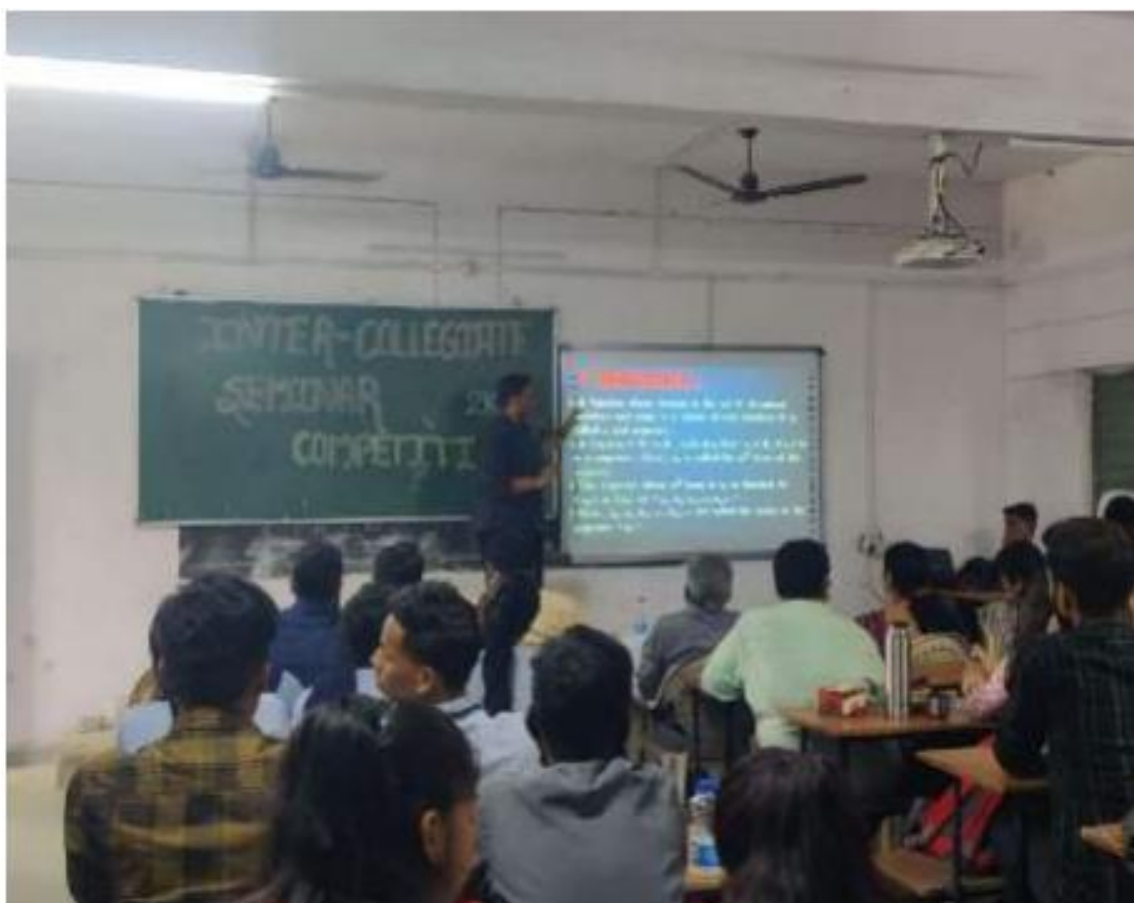




World Entrepreneurship Day 2023



## Intercollegiate Seminar Competition on the Occasion of National Science Day



## One Day Workshop on Millets



Wachan Prerna Divas



JIO 5G Awareness Training Program



## Right to Information Act Day



## Importance of Financial Market in Indian Economic Development



## Inauguration of Chemical Society, Induction Programme & Guest Lecture on Career in Chemistry



# NAGPUR POST 3

Reporter Arun Karale

## Chemical Society established at Jawaharlal Nehru College

**Wadi 15 October:** Chemical Society 2023 was established by the Department of Chemistry at Jawaharlal Nehru College of Arts, Commerce and Science here. College Principal Dr. Sanjay Tekade was present as the presiding dignitary of the programme. Dr. NN Karde, Department of Chemistry, Rashtrasant Tukadoji Maharaj Nagpur University, Dr. Eknath Chaudhary, Accounts Officer, VSPMAcademy of Higher Education were present as the chief guests. Dr. Sanjay Tekade appealed to the students to organise and participate in various programmes in the college throughout the year through the Chemical Society.



Aditya Raut was made President, Sakshi Dhande was made Secretary and Aishwarya Chamlate was made Treasurer and other students were selected in various capacities in the Chemical Society. Prof. Dr. Nitin Kongre, HoD Chemistry department gave information about the need, importance of establishment of Chemical Society and the programme organised throughout the year as part

of this initiative. Prof. Dr. Avinash Ingole conducted the proceedings of the programme and B.Sc. student Akanksha Ramteke proposed the vote of thanks. On the occasion IQAC Coordinator of the college Prof. Dr. Narendra Gharad, Prof. Dr. Manisha Bhatkuikar, Prof. Dr. Prema Kurhakar, Prof. Dr. Nabha Kamble, all the professors of the college, students of science department were present in large number.



**“Celebration of World Ozone Day” “Guest Lecture: Awareness about Environmental and Chemical Sciences” “Inter-Collegiate Quiz Competition”**



Latitude: 21.15061  
Longitude: 79.005423  
Elevation: 360.61m  
Accuracy: 15.8m  
Time: 09-16-2023 10:45  
Note: World Ozone Day, Ja



Latitude: 21.150607  
Longitude: 79.005425  
Elevation: 360.61m  
Accuracy: 15.8m  
Time: 09-16-2023 10:43  
Note: World Ozone Day, Ja



Latitude: 21.15066  
Longitude: 79.005448  
Elevation: 360.61m  
Accuracy: 15.8m  
Time: 09-16-2023 10:42  
Note: World Ozone Day, Ja



Latitude: 21.150612  
Longitude: 79.005433  
Elevation: 360.61m  
Accuracy: 15.8m  
Time: 09-16-2023 11:00  
Note: World Ozone Day, Jawaharlal Nehru College, Wadi, Nagpur

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esday 20 September 2023

*Reporter Arun Karale*

**World Ozone Day celebrated with enthusiasm by Department of Chemistry Jawaharlal Nehru College**

Wadi 19 September: Department of Chemistry, Jawaharlal Nehru Arts, Commerce and Science College Wadi, Nagpur was celebrated “World Ozone Day 2023” with great enthusiasm. Principal of the college Prof.Dr. Sanjay Tekade was presided the function. He has wished the students on World Ozone Day and made the students understand the importance of ozone gas in human life as ozone gas absorbs ultraviolet rays in the cycle of life. He advised to the students for organizing and participating in various programs for ozone conservation and public awareness. Dr. Sunil Ganatra, Former Head, Department of Environmental Science and Professor, Department of Chemistry, Government Institute



of Science, Nagpur was a chief guest for the programme. In his power point presentation, he has given information about the ozone hole and how it affects human life. He explained the chain of production of ozone gas and how students can conserve as well as create awareness about conservation of ozone layer. The

organizer of the program, Head Department of Chemistry Prof. Dr. Nitin Kongre was organized an inter-college quiz competition. He said that the purpose of organizing the program is to made student’s interest in chemistry and to understand the importance of chemistry as it is embedded in the daily human life. The theme of the competition is “General Awareness about Chemical and Environmental Science” and a large number of students from many colleges of Nagpur University participated in the competition. Ms. Yashwanini Bawankar, student of L.A.D. College, Nagpur got first prize in online quiz competition. Ms. Riitika Ghog, Government Institute of Science, Nagpur won the second prize and Ms. Payal

Lambat, Bhalerao Science College, Saoner got the third prize. An inter-college quiz competition was organized as a part organizing various programs on the occasion of Amrit Mahotsav of the country. Prof. Dr. Manisha Bhatkalkar has introductory remark of the programme. IQAC Coordinator Prof.Dr. Narendra Gharad, Prof.Dr. Gajanan Zade, Prof.Dr. Sudhakar Borkar, Prof.Dr. Archana Deshmukh, Prof.Dr. Leena Phate, Prof.Dr. Prema Kurbekar, Prof.Dr. Nabha Kumbale and all the professors of the college have attended the program. The program was coordinated by Prof.Dr. Avinash Ingole and Prof. Ms. Pranali Umredkar has given vote of thanks. A large number of students participated in the programme.

**Awareness Program: Effects of Medicine, Health and Hygiene**



## “WORLD EARTH DAY”



**Biological Excursion Tour at Kuwara Bhivsen and Ghoghra Mahadev**



One Day Workshop on Women Empowerment



Certificate Course: JAVA



## Research papers were published in the Journals in the Year 2023-24 -

Title of paper	Name of authors	Department of the teacher	Name of Journal	Year of publication	ISBN/ISSN Number
1. Study of impact of work-life balance on the performance of employees (Vol. 17, No. 3, pp 63-69)	Dr. S. S. Tekade	Commerce	Journal of Management and Entrepreneurship (UGC Care Group 1 Journal)	July-September 2023	2229-5348
2. Study of variance between brand and customer loyalty with reference to retail industry (Vol. 97, No. 8 (I) PP190-197)	Dr. S. S. Tekade	Commerce	Journal of the Asiatic Society of Mumbai (UGC Group-1 Journal)	August 2023	0972-0766
3. Barriers in online examination in education sector	Dr. S. K. Shembekar	Commerce	Review of Research (impact factor-5.7631)	March 2024	2249-894X
4. Study of impact of work-life balance on the performance of employees (Vol. 17, No. 3, pp 63-69)	Dr. S. K. Shembekar	Commerce	Journal of Management and Entrepreneurship (UGC Care Group 1 Journal)	July-September 2023	2229-5348
5. Study of variance between brand and customer loyalty with reference to retail industry (Vol. 97, No. 8 (I) PP190-197)	Dr. S. K. Shembekar	Commerce	Journal of the Asiatic Society of Mumbai (UGC Group-1 Journal)	August 2023	0972-0766
6. Factors affecting Urban electricity consumption: A Case study (Vol. XCVI, No. 17, pp 78-83)	Dr. (Mrs.) N. H. Kamble	Commerce	Journal of the Asiatic Society of Mumbai. (UGC Care Group 1 Journal)	2023	0972-0766
7. Challenges before Indian democracy (Series - 26, Book No. 08, pp 175-183)	Dr. (Mrs.) N. H. Kamble	Commerce	Journal of the School of Languages, Literature and Cultural studies (UGC Group-1 Journal)	2024	0972-9682
8. Evaluating the Impact of Pradhan Mantri Gramin Sadak Yojana on Rural development in India (Vol. 72, Issue 03, No. 3, pp 224-229)	Dr. (Mrs.) N. H. Kamble	Commerce	Journal of the Oriental Institute (UGC Group-1 Journal)	Sept. 2023	0030-5324
9. Exploring electric vehicles while development an innovative chain model for their transition ( Impact factor 5.7631)	Dr. (Mrs.) N. H. Kamble	Commerce	Review of Research	March 2024	2249-894X
10. Dalit literature and African American literature: A study of Marginality. (Impact factor 5.7631)	Dr. N. R. Petkar	English	Review of Research	March 2024	2249-894X
11. Dalit Women in Dalit Literature: Acritical study (Volume 9, Issue 4, Impact factor 3.94)	Dr. N. R. Petkar	English	An International Journal in English	July-August 2023	2354-3454
12. Karukkuand the weave of my life: A comparative study (Volume I, Issue LXXXIII, Impact factor 8.024, pp 08-13)	Dr. N. R. Petkar	English	Worldwide International Inter Disciplinary Research Journal	May 2023	2454-7905
13. Dalitism and feminism: A comparative study (Vol. 8, Issue 3, Impact factor 4.06,	Dr. N. R. Petkar	English	An international Journal of Contemporary Studies	July-Sept. 2023	2456-0960
14. Depiction of cultural, chaos, displacement, alienation and identity crises in Anita Desai's "The inheritance of loss" (Vol. 10, Issue 2, Impact factor	Dr. (Mrs.) L. V. Phate	English	LangLit, An International Peer-Reviewed Open Access Journal	Nov. 2023	2349-5189

5.61, pp 235-240)					
15. Diasporic Spaces and self-Exploration: Analysing Meena Alexander's Manhattan music (पुरवणी विशेषांक १४, pp 110)	Dr. (Mrs.) L. V. Phate	English	संशोधक (UGC CARE LISTED)	Dec. 2023	2394-5990
16. Exploring Alienation through a Feminist Lens: Unveiling the Intersection of Identity and Power in Arundhati Roy's The God of small things (पुरवणी विशेषांक 21, pp 157)	Dr. (Mrs.) L. V. Phate	English	संशोधक (UGC CARE LISTED)	March 2024	2394-5990
17. Representation of potential and social themes in Githa Hariharan's selected novels (Impact factor 5.7631)	Dr. (Mrs.) L. V. Phate	English	Review of Research (Peer Reviewed Journal)	March 2024	2249-894X
18. The East and the West: A Diasporic cosmopolitan experience in the Mango Season (पुरवणी विशेषांक 11, pp 08-11)	Dr. (Mrs.) A. K. Deshmukh	English	संशोधक (UGC CARE LISTED)	Dec. 2023	2394-5990
19. Postmodernism: A Critical study of Amulya Malladi's The Mango Season (पुरवणी विशेषांक 21, pp 27-30)	Dr. (Mrs.) A. K. Deshmukh	English	संशोधक (UGC CARE LISTED)	March 2023	2394-5990
20. Role of JIM CORBETTS Literature in Creating Environmental Awareness: An Eco-Activist Approach (Impact factor 5.7631)	Dr. (Mrs.) A. K. Deshmukh	English	Review of Research (Peer Reviewed Journal)	March 2024	2249-894X
21. Knowledge, awareness and opinion related to sickle cell disease among the professional college students of Amravati, Maharashtra (Vol. 9, Issue 1, pp 44-48)	Dr. A. U. Deore	Zoology	International Journal of science and healthcare Research	Jan- March 2024	2455-7587
22. Technology and Library ((पुरवणी विशेषांक 15, pp 13-15)	Dr. (Miss) P. P. Kurhekar	Library	संशोधक (UGC CARE LISTED)	March 2023	2394-5990
23. National education policy challenges and libraries (Vol. -10, Issue -1, pp 149-153)	Dr. (Miss) P. P. Kurhekar	Library	Interdisciplinary Peer Reviewed UPA National E- Journal	Jan. 2024	2455-4375
24. Green libraries in Indian scenario (Impact factor 5.7631)	Dr. (Miss) P. P. Kurhekar	Library	Review of Research (Peer Reviewed Journal)	March 2024	2249-894X
25. Acquisition policy in college library (Vol.-10, Issue-49, Impact factor 9.29, pp 7073)	Dr. (Miss) P. P. Kurhekar	Library	Peer Reviewed International Multilingual Research Journal) Vidyawarta	March 2024	2319-9318
26. Millet as a superfood (Impact factor 5.473, Vol.-9, Issue-2)	Dr. (Ms.) M. M. Bhatkulkar	Zoology	Interdisciplinary Peer Reviewed UPA National E- Journal	Oct. 2023	2455-4375
27. Fish diversity of Vena River, Hingna, Dist-Nagpur, India (Special Issue A 13, Impact factor 6.68,	Dr. (Ms.) M. M. Bhatkulkar	Zoology	International Research Journal of science and engineering	2023	2322-0015
28. Biodiversity and its conservation (Impact factor 5.7631)	Dr. (Ms.) M. M. Bhatkulkar, Dr. N. C. Kongre &	Zoology	Review of Research, Peer Reviewed Journal	March 2024	2249-894X



	Avinash Ingole				
29. Physicochemical and electrical conductivity study of doped polyaniline polymer synthesis for prospective applications (Impact factor 5.7631)	Dr. (Ms.) M. M. Bhatkulkar	Zoology	Review of Research, Peer Reviewed Journal	March 2024	2249-894X
30. Electrical conductivity study of gopyr polymer composites synthesized by hydrothermal method for potential applications (Impact factor 5.7631)	Dr. (Ms.) M. M. Bhatkulkar Dr. N. C. Kongre & Dr. Avinash Ingole	Zoology	Review of Research, Peer Reviewed Journal	March 2024	2249-894X
31. Hirshfeld surface and super molecular analysis of electron withdrawing group on dihydropyrimidine compound	Dr. N. C. Kongre	Chemistry	Review of Research, Peer Reviewed Journal	March 2024	2249-894X
32. To evaluate the effect of biofertilizer on plant growth and soil health (Regular issue 09, pp 1569-1572)	Dr. N. C. Kongre	Chemistry	Eur. Chem. Bull, Section -A Research paper	2023	DOI 10.53555.ec b/ 2023.12.9.2 50
33. Physicochemical and electrical conductivity study of doped polymers synthesized for prospective applications	Dr. N. C. Kongre , Dr. (Ms.) M. M. Bhatkulkar, & Dr. Avinash Ingole	Chemistry	Review of Research, Peer Reviewed Journal	March 2024	2249-894X

Principal

Jawaharal Nehru Arts, Comm. & Sc!  
College, WadiNagpur