



SPHATIK

2025-26

Khandesh College Education Society's
Post Graduate College of Science, Arts and Commerce, Jalgaon
Recognised by Govt. of Maharashtra Vide .G.R No. NGC 2010/247/10
Affiliated To North Maharashtra University , Jalgaon.
Awarded 'B+' Grade by NAAC with CGPA 2.52 in 1st cycle

Vision

To be the premier source for science and technological education, empowering the youth, especially belonging to the underprivileged sections of society, through quality education by inculcating humanitarian values and enable them to meet the challenges of the contemporary knowledge society.

Mission

- *To install high standards of discipline, ethics and values amongst the future of scientist.*
- *To encourage students to work hard under the meticulous guidance of the eminent teachers.*
- *To make their dream of bright future come true by holding a lucrative job with their overall personality development and improvement in the quality of life.*

Unflinching belief

- *Education is the means to improve the quality of life and to achieve the development of personality*
- *True education is that which allows intellect to grow and affects good thoughts into character building*
- *Education is the means to bring about the best in many for that all round development of mankind*

Our Driving Force Towards Excellence



Pradnyavant Shri. Nandkumar G. Bendale
President , KCE Society Jalgaon

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Jalgaon***
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<i>Dr. Sanjay Narayan Bharambe,</i> <i>Principal M. J. College</i>	<i>Member-Ex Officio</i>

Editorial

It gives me immense pleasure to present this year's edition of our College Annual Magazine SPHATIK 2026. This magazine is not merely a collection of articles, achievements, and memories; it is a reflection of the creativity, talent, and strength of our students and faculty members. This magazine captures the vibrant journey of Khandesh College Education Society's Post Graduate College of Science Arts and Commerce, throughout the year concerning academic excellence to cultural activities, sports achievements to literary contributions,

I sincerely appreciate all the students, teachers, and contributors who worked tirelessly to make this publication successful. I am thankful to the editorial team for their commitment, creativity, and hard work in bringing out this wonderful edition SPHATIK 2026. Special thanks to the Dr. K. B. Mahajan Principal, for his continuous co-operation and support. Thanks are also to Dr. V. S. Zope for his valuable suggestion for compiling the content of the magazine. This activity would not be completed unless the cooperation of office staff Mr. S. S. Narkhede and Mrs. Kiran Shedge. I am also thankful to all the heads of the departments Dr. R. M. Patil and Prof. S. N. Patil for providing the informations in time required for SPHATIK-26. I am also grateful to all the students of college from various departments as well as non-teaching staff for their valuable co-operation.

Wishing all our readers success and a bright future.

Thank you.

Mr. Ulhas S. Patil
(Editor)

From Principal's Desk

*It gives me an immense pleasure to note that Editorial board of annual College magazine is bringing out the "SPHATIK 2026". College provides a platform for every student to develop his learning skills through magazine. As you look into the pages, it will enlighten you with the important highlights that College has achieved this year. This magazine is a good source of guidance for faculty and coming batches of students in choosing activities of their choice in their future for building their better carrier. As usual the authenticated documentation presented in the **SPHATIK-2026** is a good resource for **AISHE** and **AQAR** of the college for academic year 2025-26.*

*The Faculty members are motivated to participate in seminars, workshops and Summer schools to improve their skill and are encouraged to present papers in Conferences & motivated to take participations in University/College activities like **Youth Festival, Sports, PRS, PG-Technologia** etc. The Academic activity is continuously geared up and monitored to cope-up with emerging trends of scientific-technological development and innovations. With this spirit and rhythm being maintained, I am sure the College is going to occupy conspicuous place among the Educational Institute of North Maharashtra University region. I am confident that due to decentralization of the college activities into the departmental level, the students will get exposure to academic and professional fields which will leave a mark of their services, wherever they go, by exhibiting their sound professional knowledge, unimpeachable character, sense of discipline and commitment.*

I congratulate Heads, Teaching and non teaching staff, editorial board and students for bringing this edition of Magazine, SPHATIK 2026 in time.

Prof. (Dr.) K. B. Mahajan
Principal

Annual Report (2025-26)

KCE Society's Post Graduate College of Science, Arts and Commerce, Jalgaon was established in 2010. The college is recognized as Grade B+ with CGPA 2.52 in first cycle by NAAC in 2020, 2(f) by UGC and academically audited by KBC NMU, Jalgaon. The college has executed various quality initiative activities through IQAC such as PG Technologia, Prospective Researchers' Scheme (PRS), IPR workshop, Skill and Personality Development Programmes such as annual social gathering SPANDAN, Sports, curricular co-curricular activities etc.

The program wise student's strength in academic year 2025-26 is as follows:

Sr. No.	Program	No. of Students enrolled		
		1 st year	2 nd year	Total
1	M.Sc. Organic Chemistry	15	16	31
2	M.Sc. Analytical Chemistry	12	08	20
3	M. Sc. Microbiology	16	00	16
4	M. Com	07	12	19
TOTAL		50	36	86

PG Technologia: A one-day seminar and competitive examination was conducted at KCE's PG College on 21st January 2026 under the 'PG Technologia' on the topics '**IPR and Fundamental's of Chemistry**'. On the occasion of the inauguration ceremony, Principal Dr. K. B. Mahajan, Dr. V. S. Zope, Chief Guest Dr. R. M. Patil, M. J. College, Jalgaon, Dr. S. R. Chaudhari, Shri Ulhas Patil and Prof. Jayashree Jadhav were present on the dais. At the inauguration, Principal Dr. K. B. Mahajan gave information about the best activity in the college i.e. 'P.G. Technologia'. Dr. R. M. Patil focused '**Intellectual Property Rights**' while Dr. V. S. Zope guided on the **Basic Theories and Principles of Chemistry**. The program was conducted by Prof. Jayashree Jadhav. Mr. Ulhas Patil and the college staff helped in making the program a great success. As a part of the PG Technologia activity, after the seminar, a competitive examination was conducted for the students based on the guidance given by the experts in the seminar. In this competition, total eighteen students were participated in this competition that get certificates and cash prizes. The following table shows students who own prizes in this competition.

Sr. No.	Name of the Student	Class and subject	Year	Rank
1	Patil Shreyas Sanjay	M. Sc. Organic Chemistry	II	FIRST
2	Mahjan Chinmay Sudhir	M. Sc. Organic Chemistry	II	SECOND
3	Bharambe Monika Sharad	M. Sc. Organic Chemistry	II	SECOND
4	Thakur Radhika Bhika	M. Sc. Organic Chemistry	I	THIRD

Celebration of National Science Day: National Science Day (**28 February**) was celebrated on **27th February 2026** with great enthusiasm at KCE Society's Post Graduate College of Science, Arts and Commerce, Jalgaon to commemorate the discovery of the **Raman Effect** by the eminent

Indian physicist Sir **C. V. Raman**, who was awarded the **Nobel Prize in Physics** for this groundbreaking discovery. The program began with the inauguration by the Dr. V. S. Zope, president of the function who highlighted the importance of science and innovation in everyday life. In his speech, he encouraged students to develop curiosity, critical thinking, and scientific temper.

Prospective Researchers' Scheme (PRS): The Research plays an important role in the overall development of the nation. To understand the research methodology and basic concepts of research, the College has initiated a unique scheme '**Prospective Researchers' Scheme' (PRS)** for prospective researchers since 2018-19. This is a golden opportunity for the students to experience research culture at college level. This year (2024-25) **16** students from **3** departments completed **06 research projects** under the guidance of **05** teachers. The uniqueness of the scheme is that, the research projects are evaluated by the experts in their field from various colleges and university departments. The best research projects are ranked and awarded cash prizes. In this particular compendium wide spectrum of topics, under different disciplines; prospective researchers have chosen to work on. Students from the department of Chemistry, and Microbiology have contributed to this volume by undertaking research projects on the topics like green synthesis, antibacterial & antifungal activities of microorganisms and synthesis of Schiff's reagent. At this occasion celebration of NSD, A **Compendium of Research Article by Prospective Researchers' (Volume VII)** was released at the auspicious hands of the Chief guest Prof. Dr. Bhushan Kavimandan, Dean Faculty of Science, M. J. College, Jalgaon. In his speech he focused on such as **quiz, poster presentation, essay writing, and model-making** competitions. These activities motivated students to explore scientific ideas and showcase their creativity and knowledge. The science quiz tested the students' understanding of various scientific topics. The celebration concluded with the **distribution of prizes** to the winners of **Prospective Researchers Schemes Projects (PRS)**. Dr. K. B. Mahajan, Principal of the college congratulated the participants and appreciated the efforts of the science department for organizing the event successfully. The program was co-ordinated by Prof. S. N. Patil, Co-coordinator, IQAC. Anchoring was done by Prof. Rupali Khambayat.

The ranker students are as below.

Organic Chemistry

Rank -1 Title: Efficient One Pot Synthesis of Schiff's Base by Using Fe - Nanoparticles as a Catalyst	Guide: Prof. Rupali Khambayat	1	Gayatri R Chaudhari
		2	Mayur Bapu Salve
		3	Sahara N Tadavi
Rank -2 Title: Biosynthesis & characterization of Copper nanoparticles using Adhatoda Vasica extract and their application as a heterogeneous catalyst for Knoevenagel reaction	Guide: Dr. Ravindra M. Patil.	1	Suryawanshy Snehal Dilip
		2	Hemangi dnyaneshwar Patil

Analytical Chemistry

Rank -1 Title: <i>Study of Oxalate Ions in Sapota and Tomato in different Phases</i>	Guide : Prof. Snehal S. Yeole	1	Fatke Prachi Parkash
		2	Saidane Kusum Rajendra,
		3	Patil Harshada Laxman
Rank -2 Title: <i>UV Spectrophotometric Method Validation Of Azithromycin In Tablet Formulation</i>	Guide: Jawale Pranita S.	1	Patil Neha P.
		2	Barhate Pradnya D.

Microbiology

Rank -1 Title: <i>Isolation of Lactic Acid Bacteria from the Nectar of the Flowers</i>	Guide : Sandip N. Patil	1	Siddhi R. Wani
		2	Shruti Sunil Tayade
		3	Pradnya Bapu Otari
Rank -2 Title: <i>Studies on protease enzyme produce by soil born microbes of Jalgaon</i>	Guide: Sandip N. Patil	1	Divya Yashwant Patil,
		2	Mugdha Bharat Kolambe

IPR: IQAC of the College has organized seminar on 'Intellectual Property Right' (IPR) on 26th September 2025. Mr. Ashutosh Prachand, Director, Leidenfrost Innovations Pvt. Ltd. was invited to deliver the talk on IPR. His talk created a deep impact on the audience and was highly appreciated and brought the enormous information to our Post Graduate students and Staff about IPR.

Induction Training Program: The induction training workshop was organized on 9th October 2025 and inaugurated by Dr. K. B. Mahajan. The session featured valuable insights from resource persons Dr. Ketan Narkhede and Dr. V. S. Zope. During the workshop, the resource persons provided detailed information about the quality initiatives undertaken by the college. They highlighted various measures implemented to enhance academic standards, promote innovative teaching-learning practices, and ensure continuous improvement in institutional performance. The session emphasized the importance of maintaining quality in higher education through structured policies, faculty development, student engagement, and adherence to accreditation standards. An induction training workshop on 'Accreditation by NAAC and quality initiative of College' was conducted with the objective of familiarizing faculty members and staff with accreditation

processes, quality benchmarks, and institutional best practices. The workshop aimed to enhance awareness about the importance of quality assurance in higher education. Dr. Ketan Narkhede emphasized the importance of systematic documentation, maintaining records, and adopting ICT tools. The need for teamwork and coordination among departments was highlighted. The college's ongoing quality initiatives were presented, including Implementation of Outcome-Based Education (OBE), Regular academic and administrative audits, Student feedback systems, Faculty development programs, Promotion of research and innovation. The workshop proved to be highly informative and beneficial for all participants.

Industrial Visit of Department of Chemistry: An industrial visit of *K.C.E.society's P.G. College* was organized at Enrich Biotech on January 23, 2026. A total of 30 students from the departments of Organic Chemistry, Analytical Chemistry, and Microbiology participated in the visit. The group also included Prof. Dr. S. R. Chaudhari, Prof. Shalini Zope, Prof. Jayshree Jadhav, Prof. Ulhas Patil, and non-teaching staff members Ganesh Mali, Digambar Khachane, and Pankaj Patil. During the visit, Prabodh Patil, Managing Director, Enrich Biotech, Malkapur provided important information about various advanced instruments used in the research laboratory. He explained in detail the functioning of computer-based Atomic Emission Spectrometers, Flame Photometers, and the process of biofertilizer manufacturing. The students actively participated in the session and clarified their doubts through interactive discussions. The visit was coordinated by Prof. Dr. S. R. Chaudhari and Shailendra Narkhede. Valuable guidance for the industrial visit was provided by Dr. P. S. Patil, Principal Dr. K. B. Mahajan, and Dr. V. S. Zope.


Annasaheb Dr. G. D. Bendale Scholarship: This scholarship was awarded for the academic year 2025-26 to eight, aspirant and clever students by offering scholarship of Rs 500 per student.

Sr. No.	Name	Class
1	Nhavkar swati Vilas	M. Sc. Organic Chemistry I
2	Randhir Vashnavi Shardachandra	M.Sc. Analytical Chemistry I
3	Thakur Radhika Bhika	M. Sc. Organic Chemistry II
4	Patil Shreyas sanjay	M. Sc. Organic Chemistry II
5	Shete Lokesh Umesh	M. Sc. Microbiology I
6	Bharambr Monika Sharad	M. C. Organic Chemistry II
7	Patil Dipali Raghunath	M. Sc. Organic Chemistry II
8	Patil Yukta Kishor	M. Sc. Organic Chemistry II

Sports Activities:

Sports activity organized through College (Gathering): College encourages the students to participate in various sports activities for enhancing their fitness as well as teamwork and leadership skills. Students participated in various sports events, conducted in annual cultural

Gathering 'RHYTHM' on 9th January 2026 which includes badminton, carom etc. The list of the students and teachers participated in Badminton is as below

Name of participant (Boys)	Name of participant (Girls)	Name of participant (Teachers)
1. Atul V. Suryavanshi **	1. Anuradha D Patil , 2. Monika S. Bharambe	1. Prof. Sandip N. Patil **
2. Chinmay S. Mahajan *	3. Dipti S. Patil, 4. Karisma D. Bhangale **	2. Dr. V. S. Zope *
3. Usharsingh R. Pawara	5. Tejal S. Patil, 6 Radhika B. Thakur	
4. Anand S. Shinde	7. Viashnvavi Randhir *, 8. Dipti R. Patil	
5. Shreyash S. Patil	9. Harshali R. Salunke, 10. Swati V. Nhavkar	

* **First**

** **Runner**

Sports activity organized by KCE Society: Khandesh college society has organized *Krida Mahotsav* between 16st to 19th January 2026 by conducting various sports competitions such as Badminton, Carom, Chess, Holly Ball, Skating, Swimming and Athletics etc. In these competition 5 boys students (Atual Suryavanshi, Chinmay S. Mahajan, Usharsingh R. Pawara, Shreyas S. Patil and Anand S. Shinde) of our college participated in badminton. The team co-ordinator of this sport activity was Mr. U. S. Patil.

Sports activity organized by University: Four students of our college have participated in squash sport competition organized by KBC North Maharashtra university in the academic year 2025-26 are Chinmay S. Mahajan, Shreyash S. Patil, Anand S. Shinde, Shubham shisode

Library: *K. C. E. Society's Post Graduate College of Science, Technology and Research*, is established in July 2010. The Library contributes to the fulfillment of the college mission by organizing, maintaining and making accessible a collection of printed and non-printed, primary and secondary materials that will support the educational, research and public service programs of both students and the faculty. This year college library has 1026 books including reference books on various subjects. Every year books are being added to library. Library uses Computer and ICT technology for library automation. *e-Granthalaya* Software is use for library automation. The reference section includes numbers of books (1026), periodicals/ journals/magazines (3).

Youth-Festival-2025 (Yuvarang): This year University youth festival was conducted in university campus, Jalgaon during 08 to 12 October 2025. Mr. Ulhas Patil and Prof. Rupali Khambayat worked as a team manager, who guided the students for their best performance during Yuvarang. Eight students participated in Yuvarang 2025-26 are as below.

Name	Event	Name	Event
Chinmay S Mahajan	Installation	Swati V. Nhavkar	Mehandi
Monika S. Bharambe	Installation	Radhika Thakur	Mehandi
Anuradha D. Patil	Installation	Karishma D. Bhangale	Collage
Dipti S. Patil	Installation	Pratiksha K. Patil	Rangoli

Celebration of completion of 150 Years ‘Vande Mataram’: As per the circulars of KBC North Maharashtra university, Jalgaon (KBCNMU/2/337/2025) and Govt. of Maharashtra (Sankirn/Pra/Kra. 505/San. Ka. 4 dated 4/11/2025), our college has organized celebration of completion 150 years of ‘Vande Mataram’ on 7/11/2025 at 11.00 AM. On this occasion Dr. K. B. Mahajan, Principal address to the gathering about history and importance of the patriotic song Vande Mataram. He mentioned that this song is so effective that it imbibe the national sentiment and inculcate sense of self-respect. All the teaching and non teaching staff and students were present for this celebration and they sung the Vande Mataram patriotic song.

Toppers in (M. Sc.II) & Endowment Prize winners (Academic Year 2024-25)

Name of the student	Department	Toppers in college	Endowment Prize Sponsored by
Gayatri R. Chaudhari	Organic Chemistry	First	Dr. V. S. Zope (Rs. 600)
Hemangi D. Patil Snehal G. Suryavanshi		Second	-
Neha Pundlik Patil	Analytical Chemistry	First	Dr. V. S. Zope (Rs. 800)
Pradhnya D. Barhate		Second	-
Divya Patil	Microbiology	First	Dr. V. S. Zope (Rs. 600)
Mugdha B. Kolambe		Second	-

Best students of Academic year 2025-26 of College: Suryavanshi Snehal Girish

Best students of Academic year 2025-26 of Microbiology society: Mugdha B. Kolambe

University Ranker: Neha Pundlik Patil (Analytical Chemistry)



ARTICLES

What a Teacher or Professor Should Be Like

Dr. V. S. Zope,
Department of Chemistry

Dr. Babasaheb Ambedkar articulated extremely high and principled expectations regarding teachers—particularly professors. In his view, a professor is not merely an employee performing a job, but a fundamental pillar in the shaping of society.

1. **Total Dedication to Education:** It was Babasaheb's firm conviction that a professor must attain profound mastery over their subject matter. They should be perpetual students, constantly engaged in study and the assimilation of new knowledge. He believed that "teaching" is not merely the fulfillment of a duty, but a form of intellectual discipline and pursuit.
2. **A Research-Oriented Mindset:** According to him, a good professor does not remain confined solely to textbooks.
 - They conduct research.
 - They propound new ideas.
 - They seek intellectual solutions to societal problems.
 - In essence, the creation of knowledge is their inherent responsibility.
3. **Commitment to Students:**
 - In Dr. Ambedkar's view, a professor serves as a mentor and guide to their students.
 - Their primary duty is to stimulate the students' intellect, teach them to think independently, and encourage them to ask questions.
 - Their ultimate objective should be the development of critical thinking faculties, rather than the fostering of blind imitation.
4. **Intellectual Integrity and Independence:**
 - A professor must pursue the truth without succumbing to any political or social pressures.
 - Intellectual independence and integrity should be their defining characteristics.
5. **Connection with Society:**
 - According to Babasaheb, education is not an entity isolated from society.
 - A professor must endeavor to understand and engage with the problems facing society.
 - Social change should be brought about through education; the educator should not be merely "someone who teaches in the classroom," but a visionary of social transformation.

THE MICROBIAL REVOLUTION: HOW MICROSCOPIC ALLIES DRIVE GLOBAL HEALTH AND SUSTAINABILITY

Prof. Sandip N. Patil
Department of Microbiology

Microscopic organisms are driving a quiet revolution across households, industrial plants, and agricultural fields worldwide, fundamentally challenging their historical reputation as mere pathogens. Far from just causing disease, microbes have emerged as indispensable allies in daily nutrition, medicine, and green technology.

Culinary Transformation

In daily nutrition, microorganisms act as invisible chefs to enhance food quality and health through fermentation. Lactic acid bacteria (LAB) convert milk into nutrient-dense, Vitamin B12-rich curd while protecting human gut health from harmful pathogens. Similarly, *Saccharomyces cerevisiae* (baker's yeast) and specialized bacteria drive the fermentation behind staple foods like bread, idli, and dosa, while precise strains of fungi and bacteria dictate the distinct textures and sharp flavors of specialized cheeses.

Industrial and Medical Manufacturing

Beyond the kitchen, microbes function as living factories for critical commercial chemicals, churning out massive quantities of lactic acid, acetic acid, and alcohol. In modern medicine, microbial-derived antibiotics like penicillin remain humanity's primary defense against devastating infectious diseases, continuing to control historically fatal illnesses such as pneumonia, diphtheria, and whooping cough.

Ecological and Agricultural Solutions

On the environmental front, municipal systems rely on microbial activated sludge processes to treat urban sewage, safely recycling wastewater back into nature. In rural energy sectors, specialized anaerobic bacteria called methanogens degrade agricultural plant waste to produce biogas, delivering a clean, renewable energy source.

Furthermore, global agriculture is undergoing a critical green transition by deploying microbes as biocontrol agents to eliminate pests naturally. This biological shift, alongside the rising adoption of soil-enriching biofertilisers, is systematically reducing global reliance on toxic chemical pesticides and hazardous synthetic fertilizers to secure a sustainable future for global food systems.

Difference between National Assessment and Accreditation Council (NAAC) and National Institutional Ranking Framework (NIRF)

Dr. S. R. Chaudhari,
Department of Chemistry

Aspect	NAAC	NIRF
Full Form	National Assessment and Accreditation Council	National Institutional Ranking Framework
Purpose	Gives accreditation/quality grade to colleges and universities	Gives ranking to institutions in India
Managed By	UGC through NAAC	Ministry of Education, Government of India
Output	Grades like A++, A+, A, B++ etc.	Rank numbers like Rank 1, Rank 25, Rank 100
Focus	Overall quality standards and institutional processes	Comparative performance among institutions
Evaluation Basis	Teaching quality, infrastructure, research, governance, student support, outcomes	Teaching, research, graduation outcomes, outreach, perception
Validity	Accreditation valid for a 5 years	Rankings released every year
Mandatory?	Often important for funding/autonomy	Mainly for comparison and reputation
Example	A college may get “A+ NAAC Grade”	Same college may be “NIRF Rank 75”

- NAAC asks for, is the college maintaining good quality standards?
- NIRF asks for, how does this college compare with other colleges?
- A college can have a good NAAC grade but a lower NIRF rank, or Have a high NIRF rank because of strong research and reputation.
- For basic quality assurance NAAC is matters.
- For national comparison and reputation is NIRF matters.
- Students usually check both before admission.

Departmental Profile:

Sr. No.	Department /Unit	Courses Conducted	No. of Students	No. of Staff
1	Chemistry	1. M. Sc. Organic chemistry 2. M. Sc. Analytical Chemistry 3. Certificate course in Analytical Chemistry	31 20 05	06+1
2	Microbiology	1. M. Sc. Microbiology 2. Certificate course in Bio-analytical tools and Bioinformatics	16 04	02+1
3	Commerce	M. Com. (Commerce and Managements)	19	02

Active participation of teachers and students in Curricular, Extra and Co-curricular activities.

Name	Activity	Place	Duration	Remark
<i>Dr. K. B. Mahajan Principal</i>	<i>Alumni meet</i>	<i>Department of Physics, M. J. College, Jalgaon.</i>	<i>28th April 2026</i>	<i>Resource person</i>
<i>Dr. V. S. Zope (Dept. of Chemistry)</i>	<i>Appointed as adjunct staff in Chemistry</i>	<i>School of chemical Sciences , KBC North Maharashtra University, Jalgaon</i>	<i>For Academic year 2025-26</i>	<i>Topic: i. Phase rule ii. Quantum chemistry</i>
<i>Dr. V. S. Zope (Dept. of Chemistry)</i>	<i>K. C. E. Society's meeting</i>	<i>Khandesh college Education Society, Jalgaon</i>	<i>18th June 2025</i>	<i>Presented college academic progress in front of Academic Director, KCE Society, and Hon'ble President of KCE society, Jalgaon</i>
<i>Dr. V. S. Zope (Dept. of Chemistry)</i>	<i>one day seminar on IPR/Fundamental Chemistry and Competition</i>	<i>One day seminar on IPR/Fundamental Chemistry under PG Technologia 2026 of KCESS's PG College.</i>	<i>21st January, 2026</i>	<i>Organized and deliver a speech on IPR in one day seminar of IPR</i>
<i>Prof. Rupali Bhushan Khambayat (Dept. of Chemistry)</i>	<i>3 days workshop in women leadership</i>	<i>KCES's College of education, Jalgaon</i>	<i>19-21 January 2026</i>	<i>Participated</i>
<i>Prof. Jadhav Jayashree Vijay (Dept. of Chemistry)</i>	<i>5th Biennial National Conference on changing paradigms in chemical sciences</i>	<i>Department of chemistry Bhusawal Arts, Science and P. O. Nahata Commerce college, Bhusawal</i>	<i>29th September 2025</i>	<i>Presented paper and awarded 3rd prize</i>
<i>Prof. Shalini Sharad Zope (Dept. of Chemistry)</i>	<i>3 days workshop in women leadership</i>	<i>KCES's College of education, Jalgaon</i>	<i>19-21 January 2026</i>	<i>Participated</i>
<i>Dr. S. R. Chaudhari (Dept. of Chemistry)</i>	<i>3 Days FDP on Leadership and research Program</i>	<i>Khandesh college Education Society, Jalgaon</i>	<i>26-28 February 2026</i>	<i>Participation</i>
<i>Dr. S. R. Chaudhari (Dept. of Chemistry)</i>	<i>Inspecting officer of Staff selection commission examination</i>	<i>Godavari College of Engineering</i>	<i>5-8 August 2025 9th Feb. 2026</i>	<i>Observer/Inspecting</i>

Prof. S. N. Patil (Dept. of Microbiology)	one day seminar on IPR/Fundamental Chemistry and Competition	One day seminar on IPR/Fundamental Chemistry under PG Technologia 2026 of KCESS's PG College.	21 st January, 2026	Organized and deliver a speech on IPR in one day seminar of IPR
Prof. S. N. Patil (Dept. of Microbiology)	National seminar on Indian Philosophy	M. J. College Jalgaon	07 February 2026	Attended
Prof. S. N. Patil (Dept. of Microbiology)	Induction training workshop	P. G. College	04/10/2025	Organized
Mr Usharsingh Rimal Pawara (Student of M. Sc. Chemistry)	5 th Biennial National Conference on changing paradigms in chemical sciences	Department of chemistry Bhusawal Arts, Science and P. O. Nahata Commerce college, Bhusawal	29 th September 2025	Participated
Ms. Mugdha Kolambe (Student of Department of Microbiology)	Recognition as Best student	Microbiologists Society of India Osmanabad	2024-25	Recognized as Best student

Research Publication:

Sr. No.	Title of Paper	Journal/ book	Volume/year
1	Efficient One Pot Synthesis of Schiff's Base by Using Fe - Nanoparticles as a Catalyst Gayatri R Chaudhari, Mayur B Salve, Sahara N Tadavi, Rupali B. Khambayat *	A Compendium of Research Articles by Prospective Researchers	Volume VII 2024-25
2	Biosynthesis & characterization of Copper nanoparticles using Adhatoda Vasica extract and their application as a heterogeneous catalyst for Knoevenagel reaction Suryawanshy Snehal Dilip, Patil Hemangi dnyaneshwar, and Ravindra M. Patil		
3	Study on the Presence of Oxalate Ions in Sapota and Tomato in different Phases Fatke Prachi Parkash, Saidane Kusum Rajendra, Patil Harshada Laxam, Yeole Snehal S.		
4	UV Spectrophotometric Method Validation Of Azithromycin In Tablet Formulation Patil Neha P., Barhate Pradnya D., Jawale Pranita S.		
5	Isolation of Lactic Acid Bacteria from the Nectar of the Flowers Siddhi R. Wani, Shruti Sunil Tayade, Pradnya Babu Otari and Sandip N. Patil *		
6	Studies on protease enzyme produce by soil bourn microbes of Jalgaon district Divya Yashwant Patil, Mugdha Bharat Kolambe and Sandip N. Patil		
7	Enhanced Catalytic Efficiency and Reaction Kinetics of Palladium Nanoparticles in Green Synthesis Pathways for Paracetamol and 1-(4-Isobutylphenyl) ethanol Dr. Asha Jangale, Sandeep J. Pawar; Prakash B. Rathod; Pramod P. Mahulikar; Vishvanath S. Zope		

Teaching Staff

Sr. No.	Name of Employee	Qualification	Designation	Department
1	Dr. K. B. Mahajan	M.Sc., Ph. D.	Principal	Office /Chemistry
2	Prof. Sandip Narayan Patil	M.Sc., NET	Head ,& Coordinator IQAC	Microbiology
3	Dr. Vishvanath S. Zope	M.Sc., Ph. D.	Professor of Chemistry	Chemistry
4	Dr. S. R. Chaudhari	M.Sc., Ph. D.	Professor of Chemistry	Chemistry
5	Prof. Rupali. A. Chaudhari	M.Sc.	Asst. Prof.	Chemistry
6	Prof. Shalini S. Zope	M.Sc., B. Ed	Asst. Prof.	Chemistry
7	Prof. Jayashri Jadhav	M.Sc.	Asst. Prof.	Chemistry
8	Mr. Ulhas Sudhakar Patil	M. Lib & I. Sc., SET	Librarian	Library

Non Teaching Staff:

Sr. No.	Name	Designation
1	Mr. Shailendra S. Narkhede	Clerk
2	Mrs. Kiran Shedge	Accountant
3	Mr. Ganesh Dilip Mali	Lab Attendant
4	Mr. Pankaj Patil	Lab Attendant
5	Mr. Digamber Vinayak Khachane	Lab Attendant

Visiting Staff

Sr. No.	Name	Qualification	Department
1	Prof. Tiwari Pratibha	M. Com. SET	Commerce
2	Prof. Nilesh Chaudhari	M. Com. SET	Commerce
3	Prof. Bari Kiran	M. Com. SET	Commerce
4	Prof. Jyoti Chaudhari	M. C. A.	Commerce
5	Dr. Sachin Yeole	M. Sc. Ph. D.	Chemistry

Placements: Students of 2024-25

Sr. No.	Name of Student	Post	Company name and address	Package LPA
1	Patil Hemangi Dnyeshwar (OC)	-	USV Pvt. Lt. Daman H/17 and H/18 Near Dhabel , OIDIV, Mahatma Gandhi Udyog Nagar, Daman	2.6
2	Patil Neha Pundlik (AC)	HIM Analyst	KPC Technovision Pvt. Ltd, A 843-844 Money plant High street , Jagatpur Road , Sarkhej-Gandhi nagar High way , Gota, Ahmadabad	4 .00
3	Barhate Pradnya Dilip (AC)	Chemist	Unirub, Technoindia Pvt. Ltd. Gat No. 354-355/364 At Post Takve Bru. Tal Maval, Dist. Pune	2.5
4	Salve Mayur Bapu (OC)	Research Chemist	Gopaldas Vishram nd Company Ltd. Plot No. A/327 TTC INDL area MIDC, Mahape , New Mumbai	2.1
5	Suryavanshi Snehal Girish (OC)	Teacher	Ira Internatioal School, Khapar, Dits Nadurbar	1.0
6	Saindane Kusum Ravindra (AC)	Medical Billing	KPC Technovision Pvt. Ltd, A 843-844 Money plant High street , Jagatpur Road , Sarkhej-Gandhi nagar High way , Gota, Ahamadanbad	2.8
7	Chaudhari Gayatri Rajendra (OC)	PG Trainee	3A, Hinjewadi Phase II, Rajiv Gandhi Infotech Park, Hinjewadi, Pune	3.5 LPA

Topper of Academic Year: 2024-25



Gayatri R. Chaudhari
1st rank Topper,
Organic Chem.



Snehal G. Suryavanshi
2nd rank Topper, Organic Chem



Hemangi D. Patil
2nd rank Topper,
Organic Chem



Neha Pundlik Patil
1st rank Topper,
University 3rd Rank in Analytical
Chem.



Pradhnya D. Barhate
2nd rank Topper,
Analytical Chem



Mugdha B. Kolambe
2nd rank Topper Microbiology



Divya Patil
1st rank Topper Microbiology



Suryavanshi Snehal Girish
Best students of Academic
year 2025-26 of College



Mugdha B. Kolambe
Best students of A. Y.2025-26
of Microbiology society:

Photo Gallery providing Glimpses



IPR



Microbiology/Chemistry Students' Industriai visit Enriched Bio-fertilizers, Malkapur.



Microbiology/Chemistry Students' Industriai visit Enriched Bio-fertilizers, Malkapur





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Prize Distribution of PRS Scheme



Celebration of NSD



PG Technologia



Prize Distribution of PG Technologia

SHPATIK 2025-26



Sports



Sports

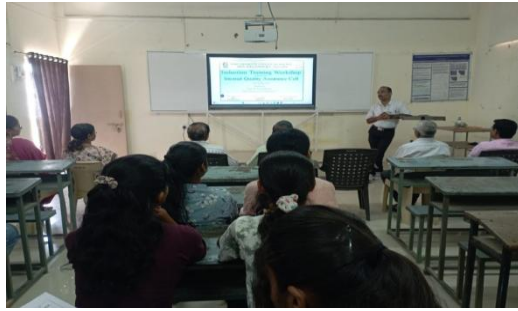
Sports



Celebration of Maharashtra Din



Celebration of Republic Day



**Induction training workshop for Teachers
Gathering**



जळगाव जिल्हा-२

अवतीभवती

पी. जी. महाविद्यालयात इंडक्शन प्रशिक्षण

जळगाव : खान्देश कॉलेज एज्युकेशन सोसायटीच्या पोस्ट ग्रेज्युएट कॉलेज ऑफ सायन्स, आर्ट्स व कॉमर्स, जळगावच्या अंतर्गत गुणवत्ता हमी सेलतर्फे विद्यार्थी आणि शिक्षक यांच्यासाठी इंडक्शन प्रशिक्षण कार्यक्रम घेण्यात आला. उद्घाटनाच्या प्रसंगी व्यासपीठावर महाविद्यालयाचे प्राचार्य डॉ. के. बी. महाजन, शैक्षणिक सल्लागार प्रा. व्ही. एस. झोपे, प्रा. संदीप पाटील, समन्वयक, अंतर्गत गुणवत्ता हमी सेल, व प्रमुख पाहुणे म्हणून डॉ. के. पी. नारखेडे, समन्वयक अंतर्गत गुणवत्ता हमी सेल, मू. जे. महाविद्यालय, जळगाव हे उपस्थित होते. पाहुण्याचा परिचय प्रा. संदीप पाटील यांनी करून दिला. डॉ. के. बी. महाजन यांनी इंडक्शन प्रशिक्षण कार्यक्रम चे प्रास्ताविक केले. प्रमुख पाहुणे म्हणून डॉ. के. पी. नारखेडे, यांनी आपल्या खुमासदार भाषणातून विद्यार्थ्यांना निरनिराळे संयुक्तिक उदाहरणे देवून मार्गदर्शन केले. सदर कार्यक्रमासाठी डॉ. एस. आर. चौधरी, प्रा. शालिनी झोपे व प्रा. जयश्री जाधव व शिक्षकेतर कर्मचारी यांनी मदत केली.

पदव्युत्तर अभ्यासक्रमात पाटील गुणवत्ता यादीत

जळगाव : के.सी.ई. सोसायटीच्या महा-विद्यालयातील पदव्युत्तर अभ्यासक्रमात नेहा पुंडलिक पाटील हिने एप्रिल २०२५ मध्ये झालेली विद्यापीठाच्या परीक्षेत एमएससी, अॅन्यालीटीकॅल केमिस्ट्री मध्ये विद्यापीठाच्या मेरीट मध्ये येऊन महाविद्यालयात सुद्धा प्रथम येण्याचा मान पटकावला. प्राचार्य डॉ. के. बी. महाजन, तसेच रसायनशास्त्र विभागाचे प्राध्यपक व डॉ. व्ही. एस. झोपे यांनी या यशाबद्दल तिचे कौतुक केले.



नेहा पाटील

पुण्यप्रताप

MAHAR/2011/41238 जळगाव पोस्टा नि. १८ जिल्हा २०२५ (०६-१६-२०२५) ४० पृष्ठीय व १००० शब्दांचा, वकी मुंबई, राजपत्र, प्रा. मुंबईतह संघीय महाराष्ट्र राज्य वकी प्रकाशित होणारे दैनिक

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के. सी. ई. च्या पी.जी. कॉलेजची विद्यार्थिनी विद्यापिठाच्या मेरीट मध्ये

जळगाव-के. सी. ई. सोसायटीच्या पी. जी. कॉलेजची विद्यार्थिनी नेहा पुंडलिक पाटील एप्रिल २०२५ मध्ये झालेली विद्यापिठाच्या परीक्षा मध्ये एम. एस. सी., अॅन्यालीटीकॅल केमिस्ट्री मध्ये विद्यापीठाच्या मेरीट मध्ये येऊन महाविद्यालयात सुद्धा प्रथम येण्याचा मान पटकावला. महाविद्यालयाचे प्राचार्य डॉ. के. बी. महाजन, तसेच रसायन



शास्त्र विभागाचे प्राध्यपक व डॉ. व्ही. एस. झोपे यांनी या यशाबद्दल तिचे अभिनंदन केले.

लोकशाही

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पी. जी. महाविद्यालयाची औद्योगिक भेट

जळगाव : के. सी. ई. च्या पी. जी. महाविद्यालयाची औद्योगिक भेट एसीके वायोटक, दसखेड, ता. मलकापूर येथे आयोजित करण्यात आली होती. सदर भेटीमध्ये महाविद्यालयातील उद्योगिक, अॅन्यालीटीकॅल केमिस्ट्री व सुक्ष्मजीवशास्त्र चे एकूण ३० विद्यार्थी तसेच प्रा. डॉ. एस. आर. चौधरी, प्रा. शालिनी झोपे, प्रा. जयश्री जाधव प्रा. उल्हास पाटील आणि शिक्षकेतर कर्मचारी गणेश माळी, दिगंबर खाचगे व पंकज पाटील यांचा सामोवा होतो.

भेटी दरम्यान प्रबोध पाटील, मॅनिजिंग डायरेक्टर यांनी संगोपन प्रयोग शास्त्रीय विविध अत्याधुनिक उपकरणांची महत्वपूर्ण माहिती दिली त्यात त्यांनी कॉम्प्युटर आधारित ऑटोमॅटिक इमीशन स्पेक्ट्रोमीटर, फ्लेम फोटोमीटर इ. तसेच वायुफेरीललायझर मॅन्युफॅक्चरिंग क्रिया बद्दल सखोल मार्गदर्शन केले. विद्यार्थ्यांनी सुद्धा सक्रीय सहभाग घेऊन त्यांच्या शंकांचे निरसन केले. भेटीचे निवाजण प्रा. डॉ. एस. आर. चौधरी, व शैलेन्द्र नारखेडे यांनी केले.

पी. जी. महाविद्यालयात 'वंदे मातरम्'चे समूहगान

जळगाव : 'वंदे मातरम्' या राष्ट्रीय गीतास २५० वर्ष पूर्ण झाल्यानिमित्त के.सी.ई. सोसायटीच्या पी. जी. महाविद्यालयात युवकन्यायी (ता. ७) सप्ताही अकराला 'वंदे मातरम्' या गीताचे सामुदायिक गीतगायन करण्यात आले. याप्रसंगी प्राचार्य डॉ. के. बी. महाजन यांनी वंदे मातरम् या देशभक्तीपर गीताचा इतिहास आणि महत्त्व याबद्दल उपस्थितांना संवोधित केले. या कार्यक्रमाप्रसंगी प्रा. व्ही. एस. झोपे, प्रा. एस. आर. चौधरी, मू. एस. पाटील, प्रा. रुपाली खंबावत, प्रा. शालिनी झोपे, प्रा. जयश्री जाधव तसेच शिक्षकेतर कर्मचारी एस. एस. नारखेडे, दिगंबर खाचगे, गणेश माळी, पंकज पाटील व विद्यार्थी उपस्थित होते. त्यांनी सामुदायिकरित्या वंदे मातरम् हे देशभक्तीपर गीत गायले.

सकाळ

पुण्यप्रताप

MAHAR/2011/41238 जळगाव पोस्टा नि. १८ जिल्हा २०२५ (०६-१६-२०२५) ४० पृष्ठीय व १००० शब्दांचा, वकी मुंबई, राजपत्र, प्रा. मुंबईतह संघीय महाराष्ट्र राज्य वकी प्रकाशित होणारे दैनिक

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पी.जी.महाविद्यालयात पी.जी. टेक्नोलॉजीया उपक्रम संपन्न

जळगाव- के.सी.ई.च्या पी.जी.महाविद्यालयात दि. २१ जानेवारी २०२६ रोजी 'पी. जी.टेक्नोलॉजीया' ह्या उपक्रमात एक दिवसीय सेमिनार व स्पर्धा परीक्षा घेण्यात आली. समारंभा च्या उद्घाटन प्रसंगी व्यास पिठावर महाविद्यालयाचे प्राचार्य डॉ. के. बी. महाजन, डॉ. व्ही एस झोपे, प्रमुख अतिथी डॉ. आर. एम. पाटील, एम. जे. कॉलेज, जळगाव, डॉ. एस. आर. चौधरी, श्री उल्हास पाटील व प्राध्यापिक जयश्री जाधव उपस्थित होते. उद्घाटन प्रसंगी प्राचार्य डॉ. के. बी. महाजन यांनी महाविद्यालयातील सर्वोत्तम क्रियाकलाप 'पी. जी.टेक्नोलॉजीया' या बद्दल माहिती दिली. डॉ. आर. एम. पाटील यांनी 'बौद्धिक संपदा अधिकार' यावर प्रकाश टाकला तर डॉ. व्ही. एस. झोपे यांनी रसायनशास्त्राचे मूलभूत सिद्धांत व तत्वे यावर मार्गदर्शन केले. कार्यक्रमाचे सूत्र संचलन प्रा. जयश्री जाधव यांनी केले. कार्यक्रमाच्या यशस्वीते साठी श्री. उल्हास पाटील व महाविद्यालयातील कर्मचारी यांनी मदत केली. पी.जी. टेक्नोलॉजीया या उपक्रमाचा भाग म्हणून सेमिनार संपल्यावर सेमिनार मध्ये तज्ञ व्यक्तींनी केलेल्या मार्गदर्शना वर आधारित विद्यार्थ्यां साठी स्पर्धा परीक्षा घेण्यात आली. ह्या परिक्षेत प्रथम पाटील श्रेयश संचय, द्वितीय महाजन चिन्मय सुधीर व भारखे मोनिका शरद आणि तृतीय ठाकूर राधिका भिका या विद्यार्थ्यांनी बक्षीस पटकावले.

के.सी.ई.च्या पी.जी.महाविद्यालयात बौद्धिक संपदा हक्क व उद्योजकता विकासाचे धडे

जळगाव - के. सी. ई. सोसायटी संचालित पी. जी. महाविद्यालयात स्टार्टअप, संगोपन, एस.एस.ई आणि वैयक्तिक नवोन्मेषकांशी त्यांच्या बौद्धिक संपदेचे संरक्षण करण्यासाठी आणि किफायतशीर आय.पी. धोरणे प्रदान करण्यासाठी महाविद्यालयाच्या अंतर्गत गुणवत्ता हमी सेल यांच्या संयुक्त विद्यमाने 'बौद्धिक संपदा हक्क' या विषयावर चर्चासत्र नुकतेच पार पडले. कार्यक्रमाचे उद्घाटन महाविद्यालयाचे प्राचार्य डॉ. के. बी. महाजन यांच्या हस्ते करण्यात आले. यावेळी प्रमुख वक्ते आयुतोष प्रचंड संचालक, लॉडेनफ्रॉस्ट इन्व्हेस्टमेंट प्रायव्हेट लिमिटेड, डॉ. डी. जी. हंडीवाले, उ.म. वी. जळगाव महाविद्यालयाचे सहाय्यक प्रा. व्ही. एस. झोपे उपस्थित होते. विविध विभागातील विद्यार्थी व शिक्षकांनी सक्रीय सहभाग नोंदवला. कार्यक्रमाच्या यशस्वीतेसाठी शिक्षक व शिक्षकेतर कर्मचाऱ्यांनी सहकार्य केले.





Development of KCES's PG College

Mathematics: 2017
Statistics: 2017
2 (f): 2019
Microbiology: 2012
B+ Grade NAAC: 2019-20
Organic Chemistry: 2011
Analytical Chemistry: 2021
Biotechnology: 2010
M. Com.: 2021
Establishment: 2010

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Recognised by Govt. of Maharashtra Vide .G.R No. NGC 2010/247/10
Affiliated To North Maharashtra University, Jalgaon.
Awarded 'B+' Grade by NAAC with CGPA 2.52 in 1st cycle