

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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Khandesh College Education Society, Jalgaon

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Editorial

The college magazine SHPATIK is an annual publication of the college written

and edited by the college editorial board. It includes a detailed report of the

college activities. The students and the teachers get a scope to show their creative

power through it. The magazine contains departmental profiles, articles, reports

of activities of various committees of college and an elaborate photo gallery

providing glimpses of the various co-curricular, extension works, research etc

activities. It also includes photographs of annual social gathering, seminar, prize

distribution function and workshop organized by the college and university in

which our students and teachers are participated.

The magazine committee comprises of the editor, co-editor and sub-editor for the

respective sections. The college magazine serves many useful purposes.

I am thankful to our visionary management, Principal Dr. K. B. Mahajan and all

my colleagues for providing constant support throughout the process of magazine

editing. Special thanks to Dr. V. S. Zope for his valuable suggestion for compiling

the content of the SPHATIK-2025. I would like to express my gratitude towards the

Dr. R. M. Patil for designing the cover page for the magazine which is relevant to

the theme. 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 SHPATIK-

24. This activity would not be completed unless the cooperation of office staff Mr.

S. S. Narkhede and Mrs. Kiran Shedge. I am also grateful to all the students of

college from various departments as well as non-teaching staff for their valuable

co-operation.

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 "SHPATIK-2024". 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 SHPATIK-2024 is a good resource for AISHE and AQAR of the college for academic year 2024-25.

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 Avishkar, 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 2025 in time.

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

Annual Report (2024-25)

KCE Society's Post Graduate College of Science, Technology and Research, Jalgaon was established in 2010. As per the university notification F. No. 8-01/2024(CPP-I/C) dated 18 Jan 2024 name of our College has been changed College as **Khandesh College Education Society's Post Graduate College of Science, Arts & Commerce, Jalgaon.** The college is recognized as Grade B+ with CGPA 2.52 in first cycle by NAAC on 11March 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, Sports, curricular co-curricular activities etc.

The program wise student's strength in this academic year 2024-25 is as follows:

Sr. Program		No. of Students enrolled		
No.	-	Male	Female	Total
1	M.Sc. Organic Chemistry	8	17	25
2	M.Sc. Analytical Chemistry	02	14	16
3	M. Sc. Microbiology	01	06	6
4	M. Com	06	06	12
	Total	<i>17</i>	42	59

PG Technologia: This year Under PG-TECHNOLOGIA -2025 College has conducted a competition of the topic 'Industrial Visit Report Writing'. Students (26) visited Enriched Biotech Industry, Malkapur on 8th February 2025. Dr. P. S. Patil, Managing Director of the company provided scientific information about Bio-fertilizer and other chemical and microbiological processes that are use for manufacturing of quality products. Students prepared the report on the basis of this industrial visit. These reports were evaluated by the expert teachers and ranked for first / second/ third cash prizes. On the occasion of National science day on 28th February 2025 the prize distribution function was organized and prizes were awarded at the auspicious hands of Prof. B. L. Chaudhari, Director, School of Life Sciences, KBC, NMU, Jalgaon as part of celebration of NSD. The activity was co-ordinated by Prof. S. N. Patil.

Rank	Subject	Name	Amount Rs
First	Microbiology	Patil Divya yashwant	600
Second	Microbiology	Kolambe Mugdha Barat	400
First	Organic Chemistry	Suryawanshi Snehal G.	600
Second	Organic Chemistry	Chaudhari Gayatri Rajesh	400
Third	Organic Chemistry	Salve Mayur Bapu	150
		Bharambe Monika Sharad	150
First	Analytical Chem.	Fatke Prachi Prakash	600
Second	Analytical Chem.	Patil Neha Pundlik	400
Third	Analytical Chem.	Barhate Pardnya Dilip	300

Prospective Researchers' Scheme (PRS):

It is a matter pride for our college published the **compendium of Volume VI** containing full length research articles prepared by the students under the guidance of our expert teachers. This compendium is outcomes of the research projects completed by the students during 2023-24. The Research plays 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 **76** students from **4** departments completed **18** research projects under the guidance of **9** teachers. The uniqueness of the scheme is that, the research projects were evaluated by the experts in their field from various colleges and university departments. The best research projects were ranked and awarded certificate and cash prizes. This year, the 'Best Practice' was coordinated by Dr. R. M. Patil. The prizes are as below.

Organic Chemistry	Sr. No.	Name of the students	Amount Rs.
Rank -1 Guide: Dr. Ravindra M. Patil.	1	Ahire Mitesh	270
Title: Ag-incorporated Co-succinate Metal Organic		Chandrashekhar,	
framework for detection of Hg(II) and used as	2	Patil Gauvrav Premraj,	270
catalyst for synthesis of heterocyclic compound	3	Patil Mayur Jagannath,	270
Rank -2 Guide: Prof. Rupali A. Khambayat	1	Mali Mayur Rajendra,	200
Title: Efficient one pot synthesis of imidazole		Jadhav	
derivatives by using Cu- nanocatalyst	2	Bhagyashri Ravindra	200
, , ,	3	Pachpande Saurav Suhas	200
Rank -3	1	Patil Mitali Dinesh,	100
Guide: Prof. Shalini S. Zope	2	Mahale Nikita Rajendra	100
Title: Synthesis of oxazine and thiazine using	3	Padavi Dipak Sampat	100
Chalcone	4	Nikum Amul Devendra	100
Analytical Chemistry		Name of the students	Amount
			Rs.
Rank -1	1	Shinde Arati Sukdev	200
Guide : Prof. Snehal S. Yeole	2	Bhoi Shubhangi	200
Title: Synthesis of bio plastic by using potato starch.		Madhukar	
	3	Vispute Pramod Waman	200
	4	Dhangar Gaurav Yuvraj	200
Rank -2 Guide: Prof.Snehal S. Yeole	1	Behere Vishakha Santosh	200
Title: Formulation and evaluation of herbal hand	2	Patil Sujata Walmik	200
wash and herbal hand sanitizer	3	Patil Nandini Motilal	200
Rank -3 Guide: Dr. Ravindra M. Patil	1	Patil Lalit Ravindra,	100
Title: Formulation and evaluation of herbal	2	Rathod Rajesh Ramdas	100
antibacterial face pack.	3	Patil Dipali Jitendra	100
• •	4	Sali Jagruti Kiran,	100
Microbiology	_	Name of the students	Amount Rs.
Rank -1	1	Rupali Raju Adakmol	160
Guide: Prof. S. N. Patil	2	Vaishnavi Prasad Chavan	160
Title: Screening and characterization of Protease	3	Prajakta Sanjay	160
Producing Microbes from Soil Samples of Jalgaon		Suryavanshi	
District	4	Varsha Vijay Salunke	160
	5	Kajal Ashok Wankhede,	160
Rank -2 Guide: Prof. Sandip N. Patil	1	Sakshi Shirode 2. Laxmi	120 Rs
Title: Efficient Production of Biofertilizer Using		Patil	each
Sugarcane Waste	3	Aatmja Kasar 4. Divya Patil	
	5	Samrudhi Chaudhari	
Rank -3	1	Tejal Ashok Attarde	80
Guide Prof. Sandip N. Patil	2	Jayshri Nanasaheb	80
Title: Screening and characterization of the L-	_	Ahirrao	
asparginase producing microorganisms from	3	Yash Vittal Patil	80
Jalgaon	4	Payal Murlidhar Ghule	80
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	5	Mayuri Sudhir Sonawane	80
Biotechnology		Name of the students	Amou nt Rs.
Rank -1 Guide: Dr. Bhushan Kavimandan	1	Lokesh Pandharinath Bonde	160
Title: Biochemical Investigation of Artocarpus	2	Divya Kailash Patil	160
heterophyllum Lam Latex	3	Aishwarya Subhash Chaudhari	160
	4	Lajari Sanjay Bhavsar	160
	5	Jayashri Ashok Mahajan	160
Rank -2	1	Arti Suresh Patil	100
Guide: Dr. Sarang Bari, Mrs Muskan Tadvi	2	Rajanadani Arun Patil	100
Title: Development and evaluation of a formulation for the treatment and prevention of inflammatory	3	Payal Shiwaji Sonawane	100
bowel diseases	4	Sakhi Raghunath Patil	100
	5	Swati Hiralal Patil	100
	6	Khushboo Arun Chaudhari,	100

Annasaheb Dr. G. D. Bendale Scholarship: This scholarship was awarded for the academic year 2024-25 to five, aspirant and cleaver students by offering scholarship of Rs 800 per student as below:

Sr.	Name of the student	Dept.	Sr.	Name of the student	Dept.
No.			No.		
1	Salve Mayur Bapu	Organic Chem.	2	Patil Neha Pundlik	Analytical Chem.
3	Tadvi Sahara Nobalya	Organic Chem.	4	Barhate Pradnya Dilip	Analytical Chem.
5	Patil Divya Yashvant	Microbiology			

Yuvati Sabha:

The birth anniversary of Savitribai Phule was celebrated on 3rd January 2025 in which garland of flowers was offered to the photo of *Krantijyoti Savitribai Fule* at the auspicious hands of Principal Dr. K. B. Mahajan. Principal addressed the audience about her contribution regarding social and educational work especially for women. IQAC of the college in collaboration with Yuvati-Sabha has organized a workshop on women's empowerment on 8th March 2025 on the occasion of International women's day.

Sports Activities: 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 other sports events, conducted in annual cultural programme 'RHYTHM' which includes badminton, carom etc. The list of the student's participated is as below

Sr.	Name of participant (Boys)	Sr.	Name of participant	Sr.	Name of participant
No.		No.	(Girls)	No.	(Girls)
1	Mahajan Chinmay S. 1 st	1	Bharambe Monika S.	9	Patil Neha P.
2	Pawara Usharsingh R. 2 nd	2	Patil Sparshika K.	10	Saindane Kusum R.
3	Gujar Bhagyas U.	3	Patil Anuradha D. 1 st	11	Fatake Prachi P.
4	Patil Kunal B.	4	Patil Yukta K.	12	Patil Hemangi D.
5	Patil Shreyas S.	5	Bhangale Karishma D.	13	Chaudhari Gayatri R.
6	Salawe Mayur B.	6	Salunke Harshali R.	14	Suryvanshi Snehal G. 2 nd
		7	Patil Dipti S.	15	Patil Mamata A.
		8	Barhate Pradyna D.		

Khandesh college society has organized *Krida Mahotsav* between 21st to 24th January 2025 by conducting various sports competitions such as Badminton, Carom, Chess holly ball, skating, swimming and athletics etc. In these competition 4 boys and 4 girl students of our college participated in badminton and chess competitions. In order protect the environment, KCE society has organized Cycle rally on 17th December 2024 which imbibe the attitude amongst the students for pollution free environment. Students and teachers were actively involved in it. This activity was co-ordinated by Mr. U. S. Patil.

Avishkar-2024: Total 10 students and one teachers of college have presented poster in University Research Festival 'Avishkar-2024' (District Level) conducted by M. G. M. College, Chopada. Dr. R. M. Patil was a team manager who guided the students for their best performance during preparation of project and presentations. The students and teacher participated are as below.

Sr.	Name of the student	Class/Department
No.		
1	Suryavanshi Snehal Girish	M. Sc. Organic chemistry
2	Patil Hemangi Dnyaneshwar	M. Sc. Organic chemistry
3	Chuadhari Gayatri Rajesh	M. Sc. Organic chemistry
4	Salwe Mayur Bapu	M. Sc. Organic chemistry
5	Barhate Pradnya Dilip	M. Sc. Analytical chem
6	Patil Neha Pundlik	M. Sc. Analytical chem
7	Patil Sparshika Kailash	M. Sc. Organic chemistry
8	Bharambe monika Sharad	M. Sc. Organic chemistry
9	Patil Divya Yashwant	M. Sc. Microbiology
10	Kolambe Mugdha Bharat	M. Sc. Microbiology
11	Dr. Ravindra Maharu Patil	Teacher (VCRMS)

Youth- Festival-2024 (*Yuvarang*): This year University youth festival was conducted at university campus, Jalgaon during 20-24 October 2024. Dr. R. M. Patil and Prof. Pranita Sukaram Jawale worked as a team manager, who guided the students for their best performance during Yuvarang. Seven students participated in Yuvarang -24 are as below.

Sr. No.	Name	Event
1	Patil Vaishnavi Chandrakant	Poster making
2	Patil Hemangi Dnyaneshwar	Rangoli
3	Chuadhari Gayatri Rajesh	Mehandi
4	Suryavanshi Snehal Girish	Collage and Mehandi
5	Patil Neha Pundlik	Cartooning
6	Saindane Kusum Ravindra	Spot painting
7	Barhate Pradnya Dilip	Clay modeling

Toppers in (M. Sc. Final Year) the College, Endowment Prize winners (Academic Year 2023-24)

Name of the student	Department	Toppers in college	Endowment Prize Sponsored by
Tawari Pooja Prakash	Organic	First	Dr. V. S. Zope (Rs. 600)
Mali Mayur Rajendra	Chemistry	Second	-
Shinde Arati Sukhdev	Analytical	First	Dr. V. S. Zope (Rs. 800)
Bhoi Shubhani Madhukar	Chemistry	Second	-
Patil Divya Arun	Microbiology	First	Dr. V. S. Zope (Rs. 600)
Mahajan Aishwarya Hemant	Microbiology	Second	-
Bonde Lokesh Pandharinath	Biotechnology	First	Dr. V. S. Zope (Rs. 600)

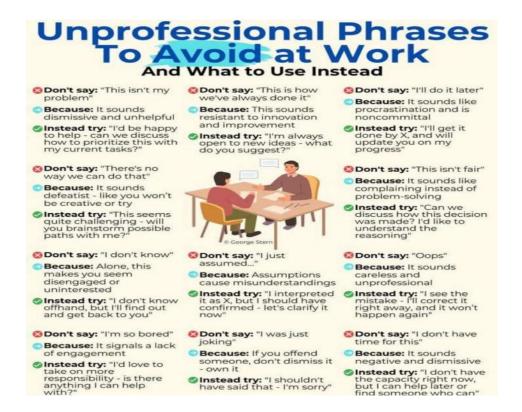
Chemistry

Second
Awarded Ph. D. under the guidance of Prof. S.
Mishra (KBC NMU, Jalgaon)

Best students of Academic year 2024-25: Suryavanshi Snehal Girish

MoUs: College has SIX active MoUs which provide a common platform for exchange of ideas regarding the initiation, implementation of research and academic activities. Various activities such as hands-on training of sophisticated instruments, student and teacher exchange were executed thorough these MoUs. The College has signed MoUs with Nutan Urja Solution, Pune, S. P. pharmaceutical Ltd., Jalgaon and UICT, KBC NMU, Jalgaon, M. J. College, Jalgaon, Department of Zoology, M. J. College, Jalgaon and Exceller Edtech Ltd. Bangalore.

IPR Seminar: The College has organized one day seminar on 'Entrepreneurship and Intellectual Property Rights: Development of Indian Youth for Global leadership in Science' on 21st March, 2025 organized by IQAC of our college. Prof. Vikas V. Gite, Co-Ordinator, IPR Cell, KBCNMU & Head, Department of Polymer Chemistry, SOCS, KBCNMU, Jalgaon was the resource person of seminar. He created a deep impact on the audience and was highly appreciated by the teaching staff. Dr. Gite focused on making of funds through research and development of entrepreneurship. In the brain storming session he continued in his talk with the direction to built-up the mindset of the students for startup. The seminar was effectively co-ordinated by Prof. S. N. Patil.



ARTICLES

NSD: Empowering Indian Youth for Global Leadership in Science

Prof. V. S. Zope Department of Chemistry

The National Science Day (NSD) is celebrated every year on 28th February. The day is to honor the famous Indian scientist especially physicist Dr. C.V. Raman's discovery of the 'Raman Effect'. Science Day is celebrated to create awareness amongst students, civilians and researchers and its impact on our lives. It can also be a way to get students thrilled about science and what they might want to do in the future. On NSD, different events are conducted throughout the country to promote science and give the opportunity to students and teachers to participate in hands-on experiments and theoretical concepts.

The wonder of science is beyond measure, and we must respect the significant innovations. The National Science Day is an annual celebration of Science and Technology in India. Science Day is celebrated from 1987 across the country in schools, colleges, and universities. NSD is also celebrated in research institutes, medical colleges, and science institutes by organizing science exhibition, quiz competition, seminar, workshop etc.

Objectives of Celebrating National Science Day (NSD): NSD is celebrated to spread awareness and a message about the importance of scientific theories and applications in everyday life. The objective of celebrating NSD is to display the efforts, accomplishments and activities in the scientific field for human welfare. Science enthusiasts and researchers and scientists discuss theories of science in everyday life and methods to improve technologies.

About Dr. C.V. Raman: Dr. Chandrasekhara Venkata Raman, famously known as Sir C.V. Raman, was born on 7 November 1888 in Tiruchirapalli, Madras Presidency, British India. After earning a master's degree in physics at Presidency College, University of Madras, in 1907, Raman became an accountant in the finance department of the Indian government. A per the interest his father's, he appeared for the Financial Civil Services (FCS) examination and topped it. In 1907, he went to Calcutta (now Kolkata) and joined as an assistant accountant general. But in his spare time, he used to go in the laboratory to do research at the Indian Association for Cultivation of Sciences. His job was very hectic, and he also continued his research work at night due to his core interest in science.

Though the facilities available in the laboratory were very limited, he continued his research and published his findings in leading international journals, including 'Nature', 'The Philosophical Magazine', 'Physics Review', etc. At that time, his research was

focused on the areas of vibrations and acoustics. He became professor of physics at the University of Calcutta in 1917.

Dr. C. V. Raman is known for his significant contributions to the vibration and sound field, such as musical instruments, diffraction, ultrasonic, X-ray diffraction, dielectrics, colloid optics, photo-electricity and the Raman Effect.

It is motivational for students and scientist too that Dr. C.V. Raman has won many notable awards, such as Fellow of the Royal Society (1924), Matteucci Medal (1928), Knighted Bachelor (1930), Hughes Medal (1930), Nobel Prize in Physics (1930), Bharat Ratna (1954), Lenin Peace Prize (1957), etc.

Research Contribution of C.V. Raman: Dr. Raman was an Indian physicist whose work was influential in the growth of science in India. He was the recipient of the Nobel Prize for Physics in 1930 for the discovery that when light traverses a transparent material, some of the light that is deflected changes in wavelength. This phenomenon is now called Raman scattering and is the result of the Raman Effect.

Studying the scattering of light in various substances, in 1928 he found that when a transparent substance is interacted by a beam of monochromatic beam of light of one frequency, a small portion of the light emerges at right angles to the original direction, and some of this light is of different frequencies than that of the incident light. These so-called Raman frequencies are the energies associated with transitions between different rotational and vibrational states in the scattering material.

Raman was knighted in 1929, and in 1933 he moved to the Indian Institute of Science, at Bangalore, as head of the department of physics. In 1947 he was appointed as a director of the Raman Research Institute there and in 1961 became a member of the Pontifical Academy of Science. He contributed to the buildup of nearly every Indian research institution in his time, founded the **Indian Journal of Physics** and the Indian Academy of Sciences, and trained hundreds of students who found important positions in universities and government in India and Myanmar (Burma). He was the uncle of Subrahmanyan Chandrasekhar, who won the 1983 Nobel Prize for Physics

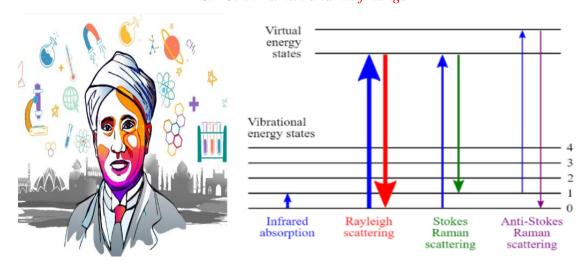
Raman scattering is perhaps most easily understandable if the incident light is considered as consisting of particles, or photons (with energy proportional to frequency), that strike the molecules of the sample. Most of the encounters are elastic, and the photons are scattered with unchanged energy and frequency. On some occasions, however, the molecule takes up energy from or gives up energy to the photons, which are thereby scattered with diminished or increased energy, hence with lower or higher frequency. The

frequency shifts are thus measures of the amounts of energy involved in the transition between initial and final states of the scattering molecule. These scattered light radiations having higher or lower frequency /energy that that of incident is known as Raman Scattering.

Themes of NSD: The Government of India declared February 28th as National Science Day in 1986, aiming to promote scientific awareness, encourage innovation, and highlight the importance of research and technology. Each year, National Science Day brings together scientists, students, educators, and policymakers to discuss advancements in science and their role in shaping a better future. On NSD schools, colleges, and scientific institutions organized various events like Science Exhibitions and Fairs, Seminars and Lectures by Scientists, Science Competitions and Quiz Programs, Awards and Recognitions etc. across the country. The themes of NSD for last eleven years are as below.

Year	Year wise Theme
2025	Empowering Indian Youth for Global Leadership in Science & Innovation for Viksit Bharat
2024	Indigenous Technologies for Viksit Bharat
2023	Global Science for Global Wellbeing
2022	Integrated Approach in S&T for Sustainable Future
2021	Future of STI: Impact on Education Skills and Work
2020	Women in Science
2019	Science for the People, and the People for Science
2018	Science and Technology for a Sustainable Future
2017	Science and Technology for Specially Abled Persons
2016	Scientific Issues for the Development of the Nation
2015	Science for Nation Building

Sir C. V. Raman and his findngs



Education for self confidence

Prof. Rupali B. Khambayat

Department of Chemistry

Education is an important issue in one's life. It is the key to success in the future, and to have many opportunities in our life. Education has many advantages for people. For instance, it illuminates a person's mind and thinking. It helps students to plan for work, or pursue higher education by graduating from university. Having education in an area helps people think, feel, and behave in a way that contributes to their success, and improves not only their personal satisfaction but also their community. In addition, education develops human personality, thoughts, and social skills. It also prepares people for life experiences. It makes people have a special status in their own society and everywhere they live. I believe that everyone is entitled to have education ''from cradle to grave''. There are various benefits of having education, such as having a good career, having a good status in society, and having self-confidence.

First of all, education paves the way for us to have a good career. We can have plenty of chances to work at any workplace we wish. It enhances the opportunities for a better and easier employment. The highly educated we are the better life chances we get. Moreover, education polishes our mind, reinforces our thoughts, and strengthens our character and behaviors toward others. It equips us with information in various fields in general and in our specialization in particular, especially what we need to master in our job career. Therefore, without education we may not survive properly, nor have a decent profession.

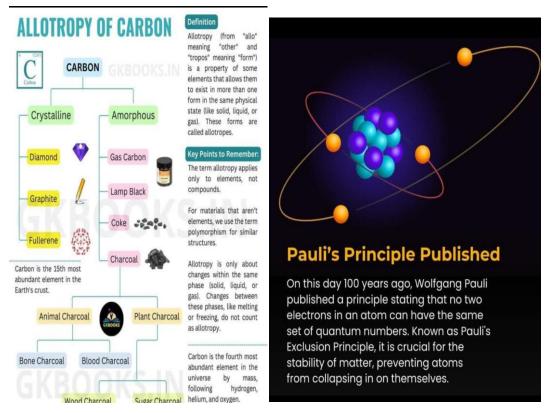
Furthermore, education grants us a good status in society. As educated people, we are considered as a valuable source of knowledge for our society. Having education helps us teach others necessary morals, good manners and wise ethics. For this reason, people deal with us in a considerable and special way for being productive and resourceful. In addition, education makes us a role model in society, when our people need us to guide them to the right way and wise decisions. Thus, it is an honor for us to serve our community and contribute towards its advancement. In fact, being educated is an advantage to help our people and build a good society.

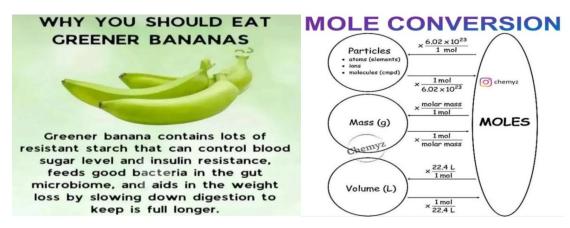
Besides, it is very well-known that having self-confidence is always generated from education. It is a great blessing for us to have self-confidence, which leads to many advantages and success in life. For example, it helps us manage specific tasks, tackle life's challenges and maintain positive stands. Additionally, having self-confidence is

typically based on proper education; paving the path for us to success. Accordingly, self-confidence makes us aware of how well we perform a task or a range of actions. In short, being educated is undoubtedly being self-confident and successful in life.

All in all, education is the process of acquiring knowledge and information that leads to a successful future. As discussed above, there are a lot of positive traits of having education, such as having a good career, having a good status in society and having self-confidence. Education makes us view obstacles as challenges to overcome with no fear; facing new things. It is the main factor behind successful people and the merit of developed countries. Therefore, education is deemed a real success behind any future success.

Source: Dr. Bhaskar Idge's ,(Scientist, NCL, Pune) Whatsapp dp





Science in daily life

Prof. Snehal S. Yeole
Department of Chemistry

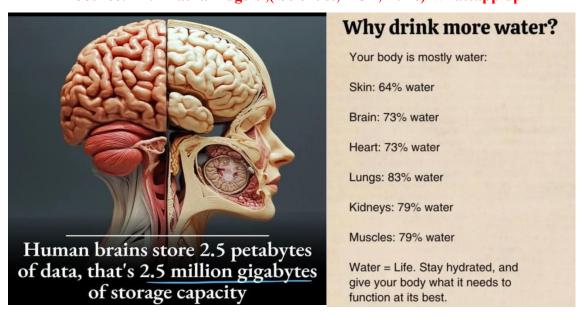
Humanity is the ultimate race in the world because each individual can think, plan, and decide every activity that is important to their lifestyle. Humans develop a new method to explore a certain phenomenon that provides a significant contribution to lifestyle, safety, and human affairs for the purpose of increasing knowledge. In this value, the role of science gave birth to the production of a new resource that seeks to evaluate and analyze the existence of an activity or insight. The relevance of science has been playing a major role in our life because humanity is transitioning continuously in the modern world using technology and research contributions. The purpose of science to humans is to improve our lifestyle in a productive way as possible that seeks to confirm the value of a certain fact or issues that are discovered by an authorized researchers or professionals to the society.

Science is referred to as a form of body knowledge that allows individuals to explore and discover its significance to the community. This is a set of discipline, knowledge, and applications that are developed by the humans to learn and appreciate phenomena that impact our daily lifestyle. Science is divided into numerous categories in terms of their behavior, discipline, and significance to our regular routine. These are medicine, biology, politics, environment, meteorology, sociology, anthropology, theology, astronomy, animals, technology, language, and other forms of branches that are essential to improve knowledge and skill to become productive. As a human, it is always important to ensure that the value of productivity creates a measure to improve our knowledge and perspective of improving goals in life.

Science influences our ability to adapt to our environment because every human is aligned with adaptation so that they are able to adjust to their changing environment. There are several disciplines of scientific studies and applications that are relevant to our practice and belief. In this way, there is a scientific explanation that ensures our capability to become functional with our interest as well as processes in our daily activities. One major contribution of science is technology because it directly applies a transition to our values and perspectives to ensure that our credibility in life becomes available.

One example is the application of internet, in which it aligns with the constant connection and network of individuals, groups, and organization. In this case, the method of using applied science is usually facilitated by tools to improve lifestyle, profession, and relationship with other individuals.

The learning insight with regard to the application of science in our daily life is to learn the fundamentals of phenomena. Learning is important because it significantly corresponds the value of increasing your knowledge to an activity that engages in a productive mechanism to improve your values and experience. It is always said that ignorance does not excuse anyone because you must have to learn the basic concepts to improve your worth and lifestyle before engaging in a productive activity to promote a productive context of your activity. This is an important value that manages to improve the credibility of the organization by enhancing a fruitful relationship with each other individual using one common facility. If a person is knowledgeable, the risk of accident is prevented or avoided because a person can properly engage in an activity using the proper procedures.



DEPARTMENT OF CHEMISTRY:

Courses conducted: 1. M. Sc. Organic chemistry,

2. M. Sc. Analytical Chemistry

3. Certificate course in Analytical Chemistry

Sr. No.	Name of Staff member	Designation	Educational Qualification	Experience in Yrs
1	Prof. K. B. Mahajan	Principal and Professor of physics	M.Sc. Ph. D.	36
2	Prof. V. S. Zope	Academic Advisor	M.Sc. Ph. D.	40
3	Dr. R. M. Patil	Head and Assistant Professor	M.Sc. Ph. D. NET	14
4	Miss. Snehal S. Yeole	Assistant Professor	M.Sc.	2
5	Mrs. Shalini S. Zope	Assistant Professor	M.Sc. B. Ed.	11
6	Miss. Pranita S. Jawale	Assistant Professor	M.Sc. SET	1
7	Mrs. Rupali B. Khambayat	Assistant Professor	M.Sc.	7
8	Mr. Digambar V. Khachane	Lab Attendant	S. S. C.	8

Participation of faculty in Conference/Seminar/Workshop/FDP/

Competition

S r. N o	Name of the teachers	National /Internat ional/Sta te /local	Name of Conference/ Seminar /Workshop/W ebinar/ FDP	Title	Organizer	Date	Attende d /Present ed/ Organiz ed /Resour ce person
1	Dr. K. B. Mahajan	State	FDP	Training program for faculty on Science Equipments	M. J. College, Jalgaon	3/03/20 25	Expert
1	Dr. V. S. Zope	State		Avishkar	SNDT University	20/12/2 024	Judge
2		State		Avishkar	KBC, NMY, Jalgaon	5/12/20 24	Judge
3		Local		Mock Pear Team Visit (For NAAC)	Khadse College, Muktainagar	4 & 8 /02/202 5	Member of Mock PTM
4		State		One day State level seminar on Role of AI in IPR, cyber security and Judicial System	S. S. Maniyar Law College, Jalgaon		Chair a session on 22/02/2 025 at 12.05P M
1	Dr. R. M. Patil	Internatio nal	2 nd International Conference On Global Opportunities	Preparation And Characterisation Of Ag@Co-Succinate Metal-Organic Framework And Its	School of Chemical Sciences, K. B. C. N. M. U. Jalgaon	18-19 th Sep 2024	Presente d Paper

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			For	Application As A			
			Latest	Catalyst For The Synthesis Of			
			Developments	Pyrazolopyranopyrimi			
			In Chemistry And	dine			
			Technology-	unic			
			2024				
2		Universit	NET-SET-	Delivered a talk	School of	$4,5^{th}$	Resourc
_		y level	GATE,	entitled "Mole	Chemical	march	e person
		<i>y</i>	Workshp	Concept"	Sciences, M.	2025	<i>I</i>
			2024-25	1	J. College,		
					Jalgaon		
3		Universit	Workshop	Capacity Building for	Deapartment	8-9 th	Attende
		y level	1	Teachers	of education,	Oct.	d
					K. B. C. N.	2024	
					M. U.		
					Jalgaon		
4		Universty	Youth festival	Youth festival 2024	K. B. C. N.	24^{th} to	Team
		level	2024		<i>M. U.</i>	28 th	manage
					Jalgaon	Oct.	r
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5		District	Aavishkar	Preparation of	K. B. C. N.	_	Present
		level	2024-25	Ag@Co-Succinate Metal–Organic	M. U. Jalgaon	Dec.20 24	ed
				Framework and used	Jaigaon	24	paper
				as a Catalyst for the			
				One-pot Synthesis of			
				biologically active			
				Pyrazolopyranopyri			
				midine Derivatives			
		District	4 . 11	4 . 11	K. B. C. N.	5^{th}	T
6		District	Aavishkar	Aavishkar	K. B. C. N.	3	Team
6		level	Aavishkar 2024-25	Aavishkar	M. U.	Dec.20	Team Leader
6				Aavishkar	M. U. Jalgaon	Dec.20 24	
7			2024-25 Aavishkar	Aavishkar Aavishkar	M. U. Jalgaon K. B. C. N.	Dec.20 24 19-20 th	
		level	2024-25		M. U. Jalgaon K. B. C. N. M. U.	Dec.20 24 19-20 th Dec.20	Leader
		level Universt	2024-25 Aavishkar		M. U. Jalgaon K. B. C. N.	Dec.20 24 19-20 th Dec.20 24	Leader Subject
		level Universt	2024-25 Aavishkar		M. U. Jalgaon K. B. C. N. M. U.	Dec.20 24 19-20 th Dec.20	Leader Subject
7		Universt y level	2024-25 Aavishkar 2024-25	Aavishkar "Traning Programme For facult On	M. U. Jalgaon K. B. C. N. M. U. Jalgaon KBC NMU Jalgaon.Mah	Dec.20 24 19-20 th Dec.20 24 3,4,5 th march	Leader Subject expert
7		Universt y level Universt	2024-25 Aavishkar 2024-25	Aavishkar "Traning Programme For facult On Scientific	M. U. Jalgaon K. B. C. N. M. U. Jalgaon KBC NMU Jalgaon.Mah arashtra &	Dec.20 24 19-20 th Dec.20 24 3,4,5 th	Leader Subject expert Attende
7		Universt y level Universt	2024-25 Aavishkar 2024-25	Aavishkar "Traning Programme For facult On Scientific Equipment." Under	M. U. Jalgaon K. B. C. N. M. U. Jalgaon KBC NMU Jalgaon.Mah arashtra & KCE's	Dec.20 24 19-20 th Dec.20 24 3,4,5 th march	Leader Subject expert Attende
7		Universt y level Universt	2024-25 Aavishkar 2024-25	Aavishkar "Traning Programme For facult On Scientific	M. U. Jalgaon K. B. C. N. M. U. Jalgaon KBC NMU Jalgaon.Mah arashtra & KCE's M.J.College,	Dec.20 24 19-20 th Dec.20 24 3,4,5 th march	Leader Subject expert Attende
8		Universt y level Universt y level	2024-25 Aavishkar 2024-25 FDP	Aavishkar "Traning Programme For facult On Scientific Equipment." Under PM Usha Scheme.	M. U. Jalgaon K. B. C. N. M. U. Jalgaon KBC NMU Jalgaon.Mah arashtra & KCE's M.J.College, Jalgaon.	Dec.20 24 19-20 th Dec.20 24 3,4,5 th march 2025	Subject expert Attende nd
7		level Universt y level Universt y level Universt	2024-25 Aavishkar 2024-25	Aavishkar "Traning Programme For facult On Scientific Equipment." Under PM Usha Scheme. "Traning Programme	M. U. Jalgaon K. B. C. N. M. U. Jalgaon KBC NMU Jalgaon.Mah arashtra & KCE's M.J.College, Jalgaon. KBC NMU	Dec.20 24 19-20 th Dec.20 24 3,4,5 th march 2025	Subject expert Attende nd Attende
8		Universt y level Universt y level	2024-25 Aavishkar 2024-25 FDP	Aavishkar "Traning Programme For facult On Scientific Equipment." Under PM Usha Scheme. "Traning Programme For facult On	M. U. Jalgaon K. B. C. N. M. U. Jalgaon KBC NMU Jalgaon.Mah arashtra & KCE's M.J.College, Jalgaon. KBC NMU Jalgaon.Mah	Dec.20 24 19-20 th Dec.20 24 3,4,5 th march 2025	Subject expert Attende nd
8		level Universt y level Universt y level Universt	2024-25 Aavishkar 2024-25 FDP	Aavishkar "Traning Programme For facult On Scientific Equipment." Under PM Usha Scheme. "Traning Programme For facult On Capacity Building of	M. U. Jalgaon K. B. C. N. M. U. Jalgaon KBC NMU Jalgaon.Mah arashtra & KCE's M.J.College, Jalgaon. KBC NMU Jalgaon.Mah arashtra &	Dec.20 24 19-20 th Dec.20 24 3,4,5 th march 2025	Subject expert Attende nd Attende
8		level Universt y level Universt y level Universt	2024-25 Aavishkar 2024-25 FDP	Aavishkar "Traning Programme For facult On Scientific Equipment." Under PM Usha Scheme. "Traning Programme For facult On Capacity Building of Teachers" Under PM	M. U. Jalgaon K. B. C. N. M. U. Jalgaon KBC NMU Jalgaon.Mah arashtra & KCE's M.J.College, Jalgaon. KBC NMU Jalgaon.Mah arashtra & KCE's	Dec.20 24 19-20 th Dec.20 24 3,4,5 th march 2025	Subject expert Attende nd Attende
8		level Universt y level Universt y level Universt	2024-25 Aavishkar 2024-25 FDP	Aavishkar "Traning Programme For facult On Scientific Equipment." Under PM Usha Scheme. "Traning Programme For facult On Capacity Building of	M. U. Jalgaon K. B. C. N. M. U. Jalgaon KBC NMU Jalgaon.Mah arashtra & KCE's M.J.College, Jalgaon. KBC NMU Jalgaon.Mah arashtra &	Dec.20 24 19-20 th Dec.20 24 3,4,5 th march 2025	Subject expert Attende nd Attende
8	Snehal S.	level Universt y level Universt y level Universt	2024-25 Aavishkar 2024-25 FDP	Aavishkar "Traning Programme For facult On Scientific Equipment." Under PM Usha Scheme. "Traning Programme For facult On Capacity Building of Teachers" Under PM	M. U. Jalgaon K. B. C. N. M. U. Jalgaon KBC NMU Jalgaon.Mah arashtra & KCE's M.J.College, Jalgaon. KBC NMU Jalgaon.Mah arashtra & KCE's M.J.College,	Dec.20 24 19-20 th Dec.20 24 3,4,5 th march 2025	Subject expert Attende nd Attende
8	Snehal S. Yeole	level Universt y level Universt y level Universt y level Universt y level	Aavishkar 2024-25 FDP	Aavishkar "Traning Programme For facult On Scientific Equipment." Under PM Usha Scheme. "Traning Programme For facult On Capacity Building of Teachers" Under PM Usha Scheme.	M. U. Jalgaon K. B. C. N. M. U. Jalgaon KBC NMU Jalgaon.Mah arashtra & KCE's M.J.College, Jalgaon.Mah arashtra & KCE's M.J.College, Jalgaon.Mah arashtra & KCE's M.J.College, Jalgaon.Mah	Dec.20 24 19-20 th Dec.20 24 3,4,5 th march 2025 6,7,8 th march, 2025	Subject expert Attende nd Attende nd
8		level Universt y level Universt y level Universt y level	Aavishkar 2024-25 FDP	Aavishkar "Traning Programme For facult On Scientific Equipment." Under PM Usha Scheme. "Traning Programme For facult On Capacity Building of Teachers" Under PM Usha Scheme. "Traning Programme For facult On Scientific	M. U. Jalgaon K. B. C. N. M. U. Jalgaon KBC NMU Jalgaon.Mah arashtra & KCE's M.J.College, Jalgaon. KBC NMU Jalgaon.Mah arashtra & KCE's M.J.College, Jalgaon.Mah arashtra & KCE's M.J.College, Jalgaon. KBC NMU Jalgaon.Mah arashtra &	Dec.20 24 19-20 th Dec.20 24 3,4,5 th march 2025 6,7,8 th march, 2025	Subject expert Attende nd Attende nd Attende
8		level Universt y level Universt y level Universt y level Universt y level	Aavishkar 2024-25 FDP	Aavishkar "Traning Programme For facult On Scientific Equipment." Under PM Usha Scheme. "Traning Programme For facult On Capacity Building of Teachers" Under PM Usha Scheme. "Traning Programme For facult On Scientific Equipment." Under	M. U. Jalgaon K. B. C. N. M. U. Jalgaon KBC NMU Jalgaon.Mah arashtra & KCE's M.J.College, Jalgaon. KBC NMU Jalgaon.Mah arashtra & KCE's M.J.College, Jalgaon.Mah arashtra & KCE's M.J.College, Jalgaon. KBC NMU Jalgaon.Mah arashtra & KCE's	Dec.20 24 19-20 th Dec.20 24 3,4,5 th march 2025 6,7,8 th march, 2025	Subject expert Attende nd Attende nd Attende
8		level Universt y level Universt y level Universt y level Universt y level	Aavishkar 2024-25 FDP	Aavishkar "Traning Programme For facult On Scientific Equipment." Under PM Usha Scheme. "Traning Programme For facult On Capacity Building of Teachers" Under PM Usha Scheme. "Traning Programme For facult On Scientific	M. U. Jalgaon K. B. C. N. M. U. Jalgaon KBC NMU Jalgaon.Mah arashtra & KCE's M.J.College, Jalgaon.Mah arashtra & KCE's M.J.College, Jalgaon.Mah arashtra & KCE's M.J.College, Jalgaon. KBC NMU Jalgaon.Mah arashtra & KCE's M.J.College, Jalgaon.Mah arashtra & KCE's	Dec.20 24 19-20 th Dec.20 24 3,4,5 th march 2025 6,7,8 th march, 2025	Subject expert Attende nd Attende nd Attende
7 8 9	Yeole	level Universt y level Universt y level Universt y level Universt y level	Aavishkar 2024-25 FDP FDP	"Traning Programme For facult On Scientific Equipment." Under PM Usha Scheme. "Traning Programme For facult On Capacity Building of Teachers" Under PM Usha Scheme. "Traning Programme For facult On Scientific Equipment." Under PM Usha Scheme.	M. U. Jalgaon K. B. C. N. M. U. Jalgaon KBC NMU Jalgaon.Mah arashtra & KCE's M.J.College, Jalgaon.Mah arashtra & KCE's M.J.College, Jalgaon.Mah arashtra & KCE's M.J.College, Jalgaon. KBC NMU Jalgaon.Mah arashtra & KCE's M.J.College, Jalgaon.Mah arashtra & KCE's M.J.College, Jalgaon.Mah	Dec.20 24 19-20 th Dec.20 24 3,4,5 th march 2025 6,7,8 th march, 2025	Subject expert Attende nd Attende nd Attende nd
8	Yeole Mrs .	level Universt y level	Aavishkar 2024-25 FDP	"Traning Programme For facult On Scientific Equipment." Under PM Usha Scheme. "Traning Programme For facult On Capacity Building of Teachers" Under PM Usha Scheme. "Traning Programme For facult On Scientific Equipment." Under PM Usha Scheme.	M. U. Jalgaon K. B. C. N. M. U. Jalgaon KBC NMU Jalgaon.Mah arashtra & KCE's M.J.College, Jalgaon.Mah arashtra & KCE's M.J.College, Jalgaon.Mah arashtra & KCE's M.J.College, Jalgaon. KBC NMU Jalgaon.Mah arashtra & KCE's M.J.College, Jalgaon.Mah arashtra & KCE's M.J.College, Jalgaon.Mah arashtra & KCE's M.J.College, Jalgaon.	Dec.20 24 19-20th Dec.20 24 3,4,5th march 2025 6,7,8th march, 2025 3,4,5th march 2025	Subject expert Attende nd Attende nd Attende nd Attende
7 8 9	Yeole Mrs . Shalini S.	level Universt y level Universt y level Universt y level Universt y level	Aavishkar 2024-25 FDP FDP	"Traning Programme For facult On Scientific Equipment." Under PM Usha Scheme. "Traning Programme For facult On Capacity Building of Teachers" Under PM Usha Scheme. "Traning Programme For facult On Scientific Equipment." Under PM Usha Scheme. "Traning Programme For facult On Scientific Equipment." Under PM Usha Scheme.	M. U. Jalgaon K. B. C. N. M. U. Jalgaon KBC NMU Jalgaon.Mah arashtra & KCE's M.J.College, Jalgaon.Mah arashtra & KCE's M.J.College, Jalgaon.Mah arashtra & KCE's M.J.College, Jalgaon. KBC NMU Jalgaon.Mah arashtra & KCE's M.J.College, Jalgaon.Mah arashtra & KCE's M.J.College, Jalgaon.Mah	Dec.20 24 19-20 th Dec.20 24 3,4,5 th march 2025 6,7,8 th march, 2025 3,4,5 th march 2025	Subject expert Attende nd Attende nd Attende nd
7 8 9	Yeole Mrs .	level Universt y level	Aavishkar 2024-25 FDP FDP	"Traning Programme For facult On Scientific Equipment." Under PM Usha Scheme. "Traning Programme For facult On Capacity Building of Teachers" Under PM Usha Scheme. "Traning Programme For facult On Scientific Equipment." Under PM Usha Scheme. "Traning Programme For facult On Scientific Equipment." Under PM Usha Scheme.	M. U. Jalgaon K. B. C. N. M. U. Jalgaon KBC NMU Jalgaon.Mah arashtra & KCE's M.J.College, Jalgaon.Mah arashtra & KCE's M.J.College, Jalgaon.Mah arashtra & KCE's M.J.College, Jalgaon. KBC NMU Jalgaon.Mah arashtra & KCE's M.J.College, Jalgaon. KBC NMU Jalgaon.Mah arashtra & KCE's	Dec.20 24 19-20 th Dec.20 24 3,4,5 th march 2025 3,4,5 th march 2025 3,4,5 th march 2025	Subject expert Attende nd Attende nd Attende nd Attende
7 8 9	Yeole Mrs . Shalini S.	level Universt y level	Aavishkar 2024-25 FDP FDP	"Traning Programme For facult On Scientific Equipment." Under PM Usha Scheme. "Traning Programme For facult On Capacity Building of Teachers" Under PM Usha Scheme. "Traning Programme For facult On Scientific Equipment." Under PM Usha Scheme. "Traning Programme For facult On Scientific Equipment." Under	M. U. Jalgaon K. B. C. N. M. U. Jalgaon KBC NMU Jalgaon.Mah arashtra & KCE's M.J.College, Jalgaon.Mah arashtra & KCE's M.J.College, Jalgaon.Mah arashtra & KCE's M.J.College, Jalgaon. KBC NMU Jalgaon.Mah arashtra & KCE's M.J.College, Jalgaon.Mah arashtra & KCE's M.J.College, Jalgaon.Mah arashtra & KCE's	Dec.20 24 19-20 th Dec.20 24 3,4,5 th march 2025 6,7,8 th march, 2025 3,4,5 th march 2025	Subject expert Attende nd Attende nd Attende nd Attende
7 8 9	Yeole Mrs . Shalini S.	level Universt y level	Aavishkar 2024-25 FDP FDP	"Traning Programme For facult On Scientific Equipment." Under PM Usha Scheme. "Traning Programme For facult On Capacity Building of Teachers" Under PM Usha Scheme. "Traning Programme For facult On Scientific Equipment." Under PM Usha Scheme. "Traning Programme For facult On Scientific Equipment." Under PM Usha Scheme.	M. U. Jalgaon K. B. C. N. M. U. Jalgaon KBC NMU Jalgaon.Mah arashtra & KCE's M.J.College, Jalgaon.Mah arashtra & KCE's M.J.College, Jalgaon.Mah arashtra & KCE's M.J.College, Jalgaon. KBC NMU Jalgaon.Mah arashtra & KCE's M.J.College, Jalgaon. KBC NMU Jalgaon.Mah arashtra & KCE's	Dec.20 24 19-20 th Dec.20 24 3,4,5 th march 2025 3,4,5 th march 2025 3,4,5 th march 2025	Subject expert Attende nd Attende nd Attende nd Attende

1	Pranita S. Jawale	Universt y level	FDP	"Traning Programme For faculty On Scientific Equipment." Under PM Usha Scheme.	KBC NMU Jalgaon.Ma harashtra & KCE's M.J.College, Jalgaon	3,4,5 th march 2025	Attende nd
2		Universt y level	Conference	IPR: process & Commercialization	School of Chemical Sciences,KB CNMU,Jalga on&WeGO Library Foundation, Nashik	25 th feb 2025	Attende d
3		Universt y level	Youth festival 2024	Youth festival 2024	KBC NMU Jalgaon	24 th to 28 th Oct. 2024	Team manager
6	Rupali B. Khambay at	Universit y level	FDP	"Traning Programme For facult On Scientific Equipment." Under PM Usha Scheme.	KBC NMU Jalgaon.Mah arashtra & KCE's M.J.College, Jalgaon.	3,4,5 th mar 2025	Attende nd

Research Publication:

Sr. No.	Name of the Teacher	Title of Paper	Journal	Volu me/y ear
1	Dr. Ravindra M. Patil*	Preparation of Ag-Incorporated Co-Succinate Metal Organic Framework For Detection of Hg(II) Heavy Metal Ions		
2		Biosynthesis & Characterization of Silver Nanoparticles and Its Application as a Nano Organic Catalyst for One Pot Synthesis of Pyranopyrazole		
3		Synthesis of Cyanuric Chloride Derivative and its Antibacterial Activity		
4		Formulation and Evaluation of Herbal Antibacterial Face pack	A Compendium of	Volu
5	Snehal S.Yeole	Synthesis of Bioplastic by Using Potato Starch	Research Articles by Prospective	me VI
6		Formulation and Evaluation of Herbal Hand Santizer and Herbal Hand Wash	Researchers(2023- 24) ISBN-978-81-	
7	Mrs . Shalini S. Zope	Synthesis of Thiazine & Oxazine by Using Chalcones	949083-8-8	
8		Analysis of Clove Oil and Extraction of Eugenol		
9.	Mrs. Rupali B. Khambayat.	Efficient One Pot Synthesis of Imidazole Derivatives by Using Cu-Catalyst		
10.		Extraction of Oil from Orange Peels and Study of an Its Antimicrobial, Antifungal and Phytochemical Activity		
11.	Pranita S. Jawale	Formulation and Evaluation of Herbal Antibacterial Face pack		

Industrial Visit of Department of Chemistry- The students of the Department of Chemistry and Microbiology of the college had visited Enrich Bio-tech & Fertilizers, Pvt. limited, Malakapur on 08/02/2025. Dr. P.S.Patil & P.P.Patil described the method and equipment of Agro-fertilizer & Agro-pesticide production to the students. Students learned a lot about the process carried out in Enrich Biotech, Malakapur. Dr. Ravindra Patil, Head, department of Chemsitry along with, Prof. Pranita Jawale, Prof. Shalini Zope, Shri. Ulhas Patil ,Shri. Digambar Khachane, Shri. Ganesh Mali Shri. Pankaj Patil was associated in the visit.

DEPARTMENT OF MICROBIOLOGY:

• Course conducted in department: M. Sc.

Certificate course in Bio-analytical tools and Bioinformatics

• No. of Students:06; No. of Staff in department: 02

Sr.	Name of Staff member	Designation	Educational	Experience
No.			Qualification	Yrs
1	Mr. S. N. Patil	Head and Assistant Professor	M. Sc	14
_				
2	Mr. Ganesh D. Mali	Lab. Attendant	B. A.	15

Participation of faculty in Conference / Seminar /Workshop /FDP/ Competition

Sr. No	Name of the teachers	Nation al/Inte rnatio nal/St ate /local	Name of Confere nce/ Seminar /Worksh op/Webi nar/ FDP	Title	Organizer	Date	Attended /Presented/ Organized /Resource person
1	Mr. S. N. Patil	Nation al	Competit ion	"PG Technologia 2025 Competition	IQAC KCES PGCSAC Jalgaon	28 February, 2025	Organized
3	Mr. S. N. Patil	Local	Worksho P	Three day Training program for faculty on scientific equipment	M. J. College Jalgaon	03 to 05 March 2025	Attended
3	Mr. S. N. Patil	Nation al	FDP	Biotechnology for Sustainable Development	RC Patel College, Shirpur	Jan 6, 2025 ENDSJan 11, 2025	Attended

Research Publication:

Sr.	Name of the	Title of Paper	Journal	Volume
No.	Teacher			/year
1		Antimicrobial Activity of Turmeric		

3	Mr. S. N. Patil	Extract and Its Phytochemical Analysis Efficient Production of Biofertilizer Using Sugarcane Waste Production of Bio-Fertilizer Using Plant Growth Promoting Rhizobacteria Screening and Characterization of Protease Producing Microbes from Soil Samples of Jalgaon District	A Compendium of Research Articles by Prospective Researchers 2023-24	Volume VI
5		Screening and characterization of the L-asparagines producing microorganisms from Jalgaon Isolation of Hexavalent Chromium Reducing Bacteria from Industrial Soil Sample		

- ❖ Mr. Sandip Narayan Patil, Regional Coordinator of MBSI for Jalgaon University 2024-25 MICROBIOLOGISTS SOCIETY, INDIA
- ❖ Sr. supervisor KBC NMU Jalgaon
- * Miss. Divya Arun Patil, Department of Microbiology Awarded by "Best student "Recognition by Microbiologists Society of India, Osmanabad.

Library:

• *Name of Department: Library; No. of Students and staff : 59+17= 76*

Sr. No.	Name of Staff member	Designation	Educational Qualification	Experience Yrs
1.	Mr. Ulhas Sudhakar Patil	Librarian	M. A., M. Lib & Inf. Sci, SET	16
2	Mr. Pankaj M. Patil	Attendant	S. S. C.	03

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 995 books including reference books on various subjects. Every year books are being added to library. Library use Computer and ICT technology for library automation. e-Granthalaya Software is use for library automation. The reference section includes numbers of books (995), periodicals/ journals/magazines (5).

Participation of faculty in Conference / Seminar /Workshop /FDP/ Competition

S r. N o	Name of the teachers	Nationa l/Intern ational/ State /local	Name of Conferenc e/ Seminar /Workshop /Webinar/ FDP	Title	Organizer	Date	Attended /Presented/ Organized /Resource person
1	Ulhas Sudhakar Patil	Local	Seminar	National Education Policy 2020: Theme and Prospects	DNCVPS Shrish Madhukarrao Chaudhari College in collaboration with Internal Quality Assurance Cell, KBC NMU, Jalgaon	18/0 3/20 24	Attended
2	Ulhas Sudhakar Patil	Senate	Conference	Intellectual Property Rights, Process & Commercializati on (IPRPC- 2025)	IPR Cel, In association with school of Chemical Sciences, KBCNMU, Jalgaon and WeGo Library Foundation, Nashik	25/0 2/20 25	Attended
3	Ulhas Sudhakar Patil	Nationa l	Conference	Reimagining of Libraries : The Future of Traditional and Modern synergy	K.A.K.P. Commerce and Science College Jalgaon in collaboration with Internal Quality Assurance Cell, KBC NMU, Jalgaon	04/0 1/20 25	Attended
4	Ulhas Sudhakar Patil	Nationa l	Conference	Role of Social Sciences in Contemporary Society	KBC NMU, Jalgaon through Support of (PM-Usha) and IQAC & Department of Humanities and Commerce Sau. Rajanitai Nanasaheb Deshmukh Arts, Commerce and Science College, Bhadgaon, Dist, Jalgaon	01/0 3/20 25	Attended

Research Publication:

Sr. No.	Name of the Teacher	Title of Paper	Journal	Volume/year
1	Ulhas Sudhakar Patil	Information Seeking Behavior of Physical Education Teachers as Directors of the Colleges of Arts, Science & Commerce Affiliated to KBC, North Maharashtra University Jalgaon	Journal of Research and Development, A Multidisciplinary International Level Referred Journal, Impact Factor: 7.89 ISSN-2230-9578,	March 2025, Volume 17 Issue 1 (ii), Page No. 73-77

Teaching Staff

Sr. No.	Name of Employee	Qualification	Designation	Department
1	Dr. K. B. Mahajan	M.Sc., Ph. D.	Principal	Office /Chemistry
2	Dr. Vishvanath S. Zope	M.Sc., Ph. D.	Professor of Chemistry	Chemistry
3	Dr. Ravindra Maharu Patil	M.Sc., Ph. D., NET	Head and Asst. Prof.	Chemistry
4	Prof. Rupali. A. Chaudhari	M.Sc.	Asst. Prof.	Chemistry
5	Prof. Shalini S. Zope	M.Sc., B. Ed	Asst. Prof.	Chemistry
6	Prof. Sandip Narayan Patil	M.Sc., NET	Head ,& Coordinator IQAC	Microbiology
7	Prof. Snehal yeole	M.Sc.	Asst. Prof.	Chemistry
8	Prof. Pranita Jawale	M.Sc.	Asst. Prof.	Chemistry
9	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

Topper of Academic Year: 2023-24



Tawari Puja Prakash 1st rank Topper, Organic Chem.



Mali Mayur Rajendra 2nd rank Topper, Organic Chem



Shinde Aarti Sukadev 1st rank Topper, Analytical Chem



Bhoi Shubhangi Madhukar 2nd rank Topper, Analytical Chem



Divya Arun Patil (1st rank Topper Microbiology)



Mahajan Aishwarya Hemant (2nd rank Topper Microbiology)



Lokesh Pandharinath Bonde (1st rank Topper, Biotechnology)



Arti Suresh Patil (2nd rank Topper, Biotechnology)



Divya Arun Patil Department of Microbiology Awarded "Best student" Recognition by Microbiologists Society of India, (for 2024-25)

Photo Gallery providing Glimpses





Visit of Local Inspection Committee of NMU





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





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





One day seminar on IPR : Resourse Person : . Prof. Vikas V. Gite, Co-Ordinator, IPR Cell, KBCNMU & Head, Department of Polymer Chemistry, SOCS, KBCNMU, Jalgaon

SHPATIK 2024-25



Prize Distribution of PRS Scheme and PG Technologia





Prize Distribution of PRS Scheme







PG Technologia-2024



Prize Distribution of PG Technologia
SHPATIK 2024-25



Sports





Sports Sports



Celebration of Republic day



Celebration of Independent day



Jalgaon, Maharashtra, India
Xh.var. Ladia, Jalgaon, Maharashtra, India
Xh.xar. V.c., Postal Colony Rd, Shivram Nagar, Ramanand
Nagar, Jalgaon, Maharashtra 425002, India
Lat 20,999793* Long 75.553089*
03/01/25 12:36 PM GMT +05:30

Celebration of Women's day









Induction training workshop for Teachers



Participation of PG College Students in Awishkar -2025









Cycle Rally organized by KEC Society for Environmental protection





Annual Social gathering RHYTHEM





Annual Social Gathering RHYTHEM

SHPATIK 2024-25



Felicitation of Dr. K. B. Mahajan, Principal by Hon'ble Adv. P. N. Patil in IQAC meet.



Yuvarang -2024-25





Yuvarang -2024-25







चर्चास्त्र : विद्यार्थ्यांसाठी बौद्धिक संपदेवर तज्ज्ञांनी केले मार्गदर्शन

केसीई सोसायटीच्या पी.जी. जळगाव महाविद्यालयात विज्ञानातील जागतिक नेतृत्वासाठी 'भारतीय तरुणांच्या उद्योजकता आणि बौद्धिक संपदा अधिकार विकास' वर एक दिवसीय चर्चासत्र पार पडले. आयोजन महाविद्यालयाच्या अंतर्गत गुणवत्ता हमी सेल यांच्या संयुक्त विद्यमाने करण्यात आले. उद्घाटन प्राचार्य डॉ. के. बी. महाजन यांच्या हस्ते करण्यात आले. उत्तर महाराष्ट्र विद्यापीठाच्या बौद्धिक संपदा अधिकार कक्षाचे समन्वयक डॉ. विकास गीते, डॉ. व्ही. एस. झोपे, आय. क्यू. ए. सी. समन्वयक प्रा. संदीप पाटील उपस्थित होते.



के.सी.र्डच्या पी.जी. महाविद्यालयात विद्यार्थ्यांना बौद्धिक सपदा व उद्योजकता विकासाचे धडे

जळगाव महाविद्यालयात विज्ञानातील जागतिक नेतत्वासाठी भारतीय तरुणांच्या अधिकार विकास या विविध विषयावर एक दिवसीय चर्चासत्राचे पार पडले. चर्चासत्राचे आयोजन संयुक्त विद्यमाने करण्यात करण्यासंदर्भात आले कार्यक्रमाचे उद्घाटन मार्गदर्शन केले. महाविद्यालयाचे प्राचार्य डॉ.के.बी. महाजन यांच्या हस्ते करण्यात आले.

बौद्धिक संपदा अधिकार शिक्षकेतर कक्षाचे समन्वयक डॉ. सहकार्य केले.

विकास गीते, डॉ.व्ही. एस झोपे, आय. क्यू. ए. सी. समन्वयक प्राध्यापक संदीप पाटील उद्योजकता उपस्थित होते .चर्चासत्रात आणि बौद्धिक संपदा महाविद्यालयातील विभागातील विद्यार्थी व शिक्षकांनी सक्रिय सहभाग नोंदवला. पदव्यत्तर विद्यार्थ्यांना महाविद्यालयाच्या अंतर्गत बौद्धिक संपदा अधिकार व गुणवत्ता हमी सेल यांच्या नवीन उद्योजकता निर्माण सखोल

कार्यक माचे सूत्रसंचालन व आभार प्रदर्शन प्रा. संदीप पाटील यावेळी उत्तर यांनी केले.कार्यक्रमाच्या महाराष्ट्र विद्यापीठाच्या यशस्वीतेसाठी शिक्षक व कर्मचाऱ्यांनी



जळगाव | के. सी. ई. सोसायटीच्या पोस्ट ग्रज्युएट कॉलेज ऑफ सायन्स, आर्ट्स आणि कॉमर्समध्ये राष्ट्रीय विज्ञान दिनानिमित्त महाविद्यालयातील 'ए कंपाडियम ऑफ रिसर्च आर्टिकल बाय प्रोस्पेक्टिव रिसर्चस' चे प्रकाशन विद्यापीठातील स्कुल ऑफ लाइफ सायन्सेसचे प्रा. भूषण चौधरी यांच्या हस्ते करण्यात आले. व्यासपीठावर म्हणून प्रा. व्ही. एस. झोपे हे उपस्थित होते. प्रास्ताविक प्राचार्य के. बी. महाजन यांनी केले. यात त्यांनी पी. जी. टेक्नॉलॉजीया व पीआरएस स्कीमबद्दल माहिती दिली. 'ए प्रोस्पेक्टिव रिसर्चस' स्कीमचे समन्वयक डॉ. आर. एम. पाटील यांनी प्रकाशित झालेल्या कंपनडियम बहल सविस्तर माहिती दिली.

PGSAC in NEWS



Annual Social gathering RHYTHEM









Annual Social gathering RHYTHEM



Release of Compendium of PRS at the auspicious hands of Prof. B. L. Chaudhari, Director, School of Life Sciences, KBC NMU, Jalgaon

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Phone No. 0257-2236036

E-mail: pgcollege@kces.in