



**Khandesh College Education Society's
Post Graduate College of Science, Technology and Research, Jalgaon**

Awarded 'B+' Grade by NAAC with CGPA 2.52 in 1st cycle

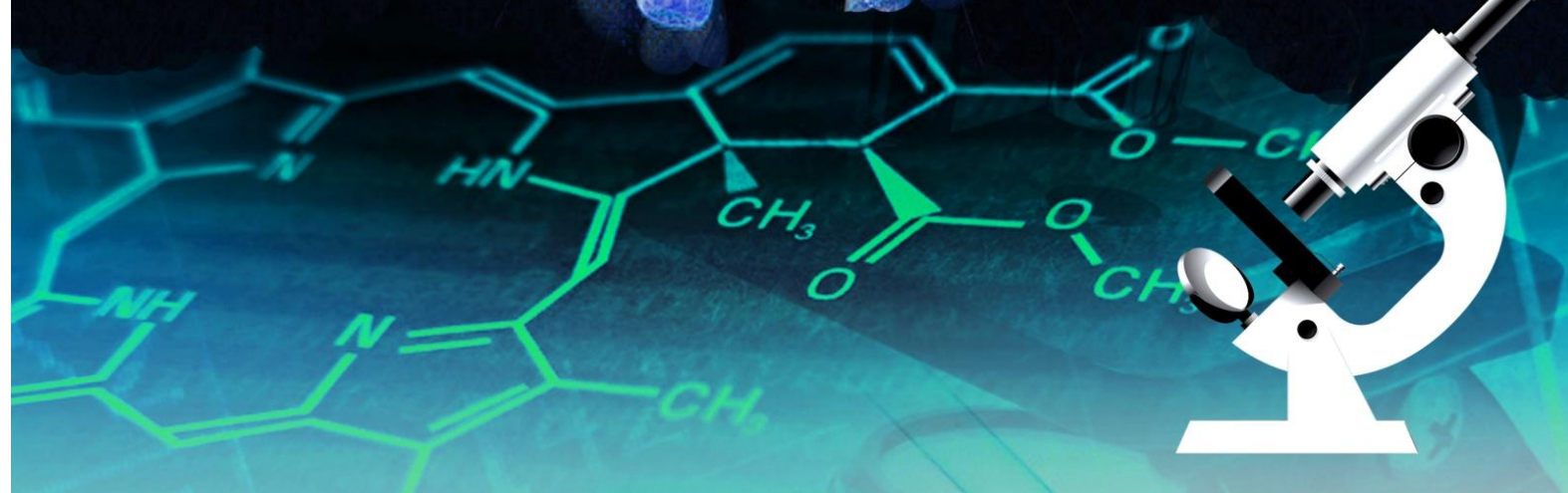
Tel. No.: 0257-2236036 Website: <http://pgcollege.kces.in> E-mail: pgcollege@kces.in

Recognized by Govt. of Maharashtra vide G. R. No. NGC 2010/247/10 & Affiliated to K. B. C. North Maharashtra University, Jalgaon



SPHATIK

2019-20





राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद

विश्वविद्यालय अनुदान आयोग का स्वायत्त संस्थान

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

An Autonomous Institution of the University Grants Commission

Certificate of Accreditation

*The Executive Committee of the
National Assessment and Accreditation Council*

is pleased to declare the

ICES's

*Post Graduate College of Science, Technology and
Research, Jalgaon*

Jilha Peth, Dist. Jalgaon, affiliated to

Kavayitri Bahinabai Chaudhari North Maharashtra University, Maharashtra as

Accredited

with CGPA of 2.52 on four point scale

at B⁺ grade

valid up to March 10, 2025

Date : March 11, 2020



S. S. Sharma
Director

Our Source of Inspiration



Anandyatri Late Dr. Annasaheb G.D. Bendale
Founder President , KCE Society Jalgaon

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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Post Graduate College of Science, Technology and Research,
Jalgaon***

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2019-20

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Dr. V. S. Zope (Principal)

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Dr. R. M. Patil

Mr. D. R. Nhavi

Mr. A. R. Wagh

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***Khandesh College Education Society,
Jalgaon***
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Editorial

Welcome to the SPHATIK- 2019-20, a yearly magazine about the life of the College.

SPHATIK is an example of what motivated minds and dedicated souls are capable of achieving. The SPHATIK presents a platform to all the budding technocrats of PG College to unleash their creativity and put forth an excellent blend of technology. I congratulate all the members of the Editorial Board for their hard work and dedication and with great confidence, I can say that this endeavor of our students will continue to grow and help others grow.

This year we made various achievements, NAAC awarded a B+ grade to the college, the college has been included in the 2(f) Section of the UGC, awarded B grade by KBC NMU, Jalgaon. The students also earn various prizes in Avishkar and Gold medal in Yuvarang.

The publication reflects and encompasses the diversity inherent to the academic and extra-curricular spaces in SPHATIK. We have recently expanded PG Technologia, PRS, RHYTHEM where we try to engage the college community by their creative content regularly, by organizing competitions, and through continued and rapid reporting about college events.

Warm regards from our Editors-In-Chief,

Prof. S. N. Patil
Chief Editor

From Principal's Desk

I am very fortunate to work with visionary management and dedicated, innovative, and caring staff members, parents, and students. I find each day an adventure filled with new experiences, learning for all, and a chance to constantly widen our horizons. It always gives me great pleasure to see the sea of smiling faces of students and I must confess that on almost every day it is the students who make my day a little brighter.

Various best practices such as PG TECHNOLOGIA, PRS scheme, etc. are consistently reviewed to ensure the future needs of society and our students. Our staff consistently follows current trends and offer brainstorming over the best plan of action to incorporate those trends that are most appropriate to our classrooms.

Many of our students are involved in a variety of extracurricular, extension activities that allow them the opportunity to grow at their own pace in a safe, nurturing environment resulting in obtaining prizes at university level completions such as Yuvarang, Avishkar, etc.

This year's main focus has been given on achievements of various recognitions by NAAC, UGC, and NMU, as result, on the basis of qualitative and quantitative evaluation of PGCSTR, NAAC awarded a B+ grade to the college with a 2.52 score. One more great accomplishment by the college is that name of our college has been included in the list prepared under Section 2(f) of the UGC Act,1958.

SPHATIK of 2019-20 is the perfect blend of literary activities, photographs, and wonderful achievement by the students and teachers, which reflects their creativity and potential. I congratulate the students and staff of the magazine committee for their excellent endeavor and work.

Prof. (Dr.) V. S. Zope
Principal

Annual Report

PGCSTR is the only college in Maharashtra who runs only postgraduate courses in a science discipline and established in 2010. One could see in the college major expansion in terms of introducing new programs, strengthening research and the technical and analytical skills of the students. The expansion was not only in terms of quantitative but also quality-wise as per as infrastructure, student strength as well as laboratory facilities are a concern. This year the main focus has been given on achievements of various recognitions by NAAC, UGC and NMU, as result of this following are the attainment by the college.

NAAC accreditation: NAAC peer team visited to the college on 2nd to 3rd March 2020 and on the basis of presentation of the college regarding qualitative and quantitative question, NAAC awarded B+ grade to the college with 2.52 score. The criterion wise mark obtained is given in table below.

Cri. No.	Criteria	Weightage(Wi)	Criterion-wise weighted Grade Point (CrWGPI)	Criterion-wise Grade Point Averages (CrWGPI /Wi)
1	Curricular Aspects	100	255	2.55
2	Teaching-learning and Evaluation	350	968	2.77
3	Research, Innovations and Extension	105	229	2.18
4	Infrastructure and Learning Resources	98	276	2.82
5	Student Support and Progression	110	215	1.95
6	Governance, eadership and Management	87	235	2.7
7	Institutional Values and Best Practices	100	220	2.2
TOTAL		950	2398	2.52 : B+ Grade

Recognition as 2(f) by UGC: One of the great accomplishment by the college is that, name of our college has been included in the list of the college, prepared under Section 2(f) of UGC Act,1958 under the head non-Government college teaching up to Master's Degree on 29th November 2019.

IQAC: IQAC of the college executed various quality initiative activities such as Commencement of NPTEL, SWAYAM portal, PG Technologia, a University level power point presentation competition.

PG Technologia-2020, a University Level Power Point Presentation Competition: College organized University level power point presentation competition on 25th January, 2019 for the students of chemical sciences, life sciences and mathematical sciences. For this competition 38 students were present from various colleges affiliated to KBCNMU, Jalgaon and various departments of university. Certificate and cash prizes for first two rank holders of each discipline were distributed at the auspicious hands of chief guests, Prof. J. N. Chaudhari and Prof Yogesh Narkhede of prize distribution function. Winners are listed below,

Rank	Name	Place	Discipline
1	Rhishikesh Patil	Pratap College Amalner	Chemical sciences
2	Lalit Patil	PGCSTR, Jalgaon	Chemical sciences
1	Shital Chaudhari	School of Life Sciences, KBCNMU, Jalgaon	Life Sciences (BT)
2	Danish Mahamad	M. J. College, Jalgaon	Life Sciences (BT)
1	Dipika Patil	M. J. College	Life Sciences (MB)
2	Vasantika Patil	M. J. College	Life Sciences (MB)
1	Kanchan Zambare	PGCSTR, Jalgaon	Mathematical Sciences (MT)
2	Pratiksha Tatar	Dept of Math, KBCNMU, Jalgaon	Mathematical Sciences (MT)
1	Dipika Ingale	PGCSTR, Jalgaon	Mathematical Sciences (ST)
2	Manjusha Patil	Pratap College Amalner	Mathematical Sciences (ST)

Prospective Researchers' Scheme (PRS): Release of A compendium under Prospective researcher scheme (PRS) has been organized on 18th September 2019 at the auspicious hands of Hon'ble Prof. P. P. Mahulikar, Pro-Vice Chancellor, KBC NMU, Jalgaon along with Prof. D. G. Hundiwale, Academic Director, KCE society, Jalgaon. This year all the 69 students of the first and second year participated in this scheme. Students completed their research project under the supervision of 16 teachers. This year due to Covid-19 situation some part of this scheme has been implemented through online guidance.

Prospective Researchers' Scheme (PRS) Academic Year 2019-20

Sr. No.	Title	Name of students
Biotechnology (M.Sc. II)		
1	Isolation and Purification of Polyphenol oxidase	Fuse Ekta Jagannath, Patil Praful Prakash, Barde Minal Ashok
2	Photochemical analysis of medicinal plant (I)	Talekar Kajal Dilip, Wagh Roshan Sanjay, Dhakare Shubhangi Bhagawan
3	Photochemical analysis of medicinal plant (II)	Gonge Shubhangi Eknath, Borse Vaishali Mukunda Bonde Kanchan, Shrikrushna, Faiz Ah Mushtaque Ahmad
Microbiology (M.Sc. II)		
4	Studies on effect of Monosodium glutamate (MSG) on growth of microorganism	Mr. Jayesh M Patil, Mr. Chetan V Patil, Mr. Devesh G Walde, Mr. Pankaj G Patil
5	Effect of Environmental Stresses on Food Borne Microbes	Bhagyashri Wani, Savita Mahajan Bhuvneshwari Dusane
6	Larvicidal activity of metabolites extracted from Bacillus Subtilis against vector mosquitoes	Miss. Kanchan A Rathod, Miss. Lalita Sule, Miss. Krutika A. Suryawanshi
7	Studies on Bioethanol Production Using Agricultural Waste	Aishwarya R. Dusane . Diksha Y. Sonawane Rachana S. Patil, Vina S. Neve
8	Studies on Bio-plastic producing Microorganisms	Vandana Balvantrao Pawar, .Dipali Digambar Patil, M Tejal Sunil Patil, Shubhangi Sanjay Chavan
9	Studies on effect of Plant Growth Promoting Rhizobacteria on crop production	Ms. Prajakta Nagindas Patil. Ms. Minakshi Dilip Mavchi., Ms. Priyanka chandrakant Ghatge. Ms. Atoofa Khan.
10	Biodegradation of paper wastes by soli Isolates	Mr. Dipak G. Katol, Mr . Pankaj S. Borse, Mr. Mayur D. Patil
11	Microbes and you (M.Sc. I)	Puja Patil, Rupali Patil, Poonam Rathi
Chemistry(M.Sc. II)		
12	Use of HPA For Chemical Recycling of Plastic Waste (PET) (M.Sc. I)	Kaushik Patil, Dhumale Ashwini Verma Nisha , Patil Dhiren
13	Chemistry of Banana Pulp: Extraction, Screening & Tailorable Applications	Patil Lalitkumar, Ugale Akshay, Soni Vijay.
14	One-pot Multicomponent Synthesis of 2,4,5 triaryl-imidazole derivatives using Ce ^{IV} CMC as an Efficient Catalyst	Chaudhari Kamlesh, Patil Nilesh, Khatik Nisar, Patil Ganesh.

15	Chemistry of Banana Peel: Extraction, Screening & Tailorable Applications	Pawar Prashant, Patil Tushar, Borane Rahul
16	Chemistry of Pseudostem Sap of Banana.”	Jain Aadesh, Mohite Shivam, Dayama Shrutika, Pawar Swapnil.
17	Efficient One Pot Synthesis of Schiff’s Bases By Using Cu ^{II} CMC catalyst	Patil Madhuri, Patil Mahesh, Joshi Manasi, Valvi Dilvarising
18	Synthesis of Azo Dyes By Using Grinding Method”	Solanke Radhika, Pawar Shweta, Patil Puja, Mahajan Samrat.
Statistics(M.Sc. II)		
19	Statistical Process Control Tools for Some Quality Parameter of Break System	Pragati S. Neve, Ravina Deshmukh Shabaj Khatik
20	Statistical Analysis of Higher Education quality in India	Umakant Patil, Avinash Patil Harshal Nikam
21	Milk Production in India(2001-2018) : A Statistical Study	Gayatri Borse, Bharat Marathe Pratiksha Patil
22	Statistical Analysis of Onion Production(2003-2019)	Nirasha Mali, Rupali Patil, Akshay Patil, Nilesh Patil
23	Statistical Analysis of Difference Types of Harassment	Kunjal Patil, Mayur Patil, Amar Chaudhary, Prashant Wagh
Mathematics (M.Sc. II)		
24	Mathematics in nature	Zambre Kanchan, Yuvraj Sharma, Sarita Savarmal
25	Magic in numbers	Bhamre Neha Devidas, Badgular Lalita Rajendra

Awards to the students

Annasaheb Dr. G. D. Bendale Scholarship was awarded to eight poor, aspirant and clever students namely, Khatik Nisar Billa, Pawar Swapnali Gulabrao, Patil Mahesh Dilip, Patil Mayur Digambar, Borse Pankaj Samadhan, Badagular Lalita Rajendra, Patil Pankaj Dilip and Patil Prafulla Prakash.

Endowment Prize: Chetan Gagre stood first in **M.Sc. Organic Chemistry** and awarded endowment prize in chemistry sponsored by Dr. V. S. Zope. One more endowment prizes in **M.Sc. Microbiology** will be there from Academic year 2019-20.

Youth Festival (Yuvarang) and Avishakar: Students of the college involved actively in Co-curricular and extracurricular activities by participating in university research festival Avishkar and youth festival. This year Bagul Shubham won the first prize (**Gold Medal**) in Music (Classical instrument flute). Few students also selected in district level in *Avishkar* competition of university.

This year best student award was won by the student of mathematics, **Mrs. Kanchan Zambare**.

College had organized various extension activities such as Blood Donation Camp, celebration of national Science Day, Annual Social Gathering RHYTHEM, tree plantation and Voter Awareness Program. Prof. R. M. Patil, of Department Of Chemistry has been awarded Ph. D. degree and he published 3 research articles in reputed journals. Faculty members are also participated in various national international conferences, webinars and workshop. Department of Mathematics and Chemistry of the college are collaborated with M. J. College for the teaching and research activities. Dr. J. N. Chaudhari and Dr. Vasim Shaikh, of M. J. College imparted the instruction to PGCSTR students. Prof. Nhavi Dnyaneshwar of PGCSTR imparted the instruction to Students of M. J. College.

Departmental Profile

1. CHEMISTRY:

- Dr. R. M. Patil, Asst. Professor awarded Ph. D. on 26/06/2020 under the guidance of Dr. Rajput A. P. the title of his Ph. D. thesis is “One pot multicomponent synthesis of biologically active polysubstituted pyranopyrazoles and their synthetics applications”.
- V.S. Zope, published a research paper entitled “Chemical Recycling of Polyamide waste”, *Journal of Engineering Sciences*, Vol 11, Issue 4 , ISSN NO: 0377-9254, April-2020 (in UGC care list).
- Three students from chemistry department has been selected for the CSIR summer research projects; i. Ashwini Dhumale, ii. Dhiren Patil, iii. Varma Nisha

Conference/ Seminar /Workshop/Webinar attended /participated / Presented paper

Sr. No	Name of the teachers	National/ International/State /local	Name of Conference / Seminar /Workshop /Webinar	Title	Organizer	Date	Attended /Presented /Resource person
1	Prof. (Dr.) V. S. Zope	LOCAL	Workshop	Training and safety in chemical, clinical and Industrial Lab.	M. J. College, Jalgaon	11Jan 2020	Chaired the session
2	Prof. (Dr.) V. S. Zope	National	Workshop	National Online Workshop on Chemistry Practical	IQAC, Shri R L T College of Science, Akola	6 June 2020	Participated
3	Prof. (Dr.) V. S. Zope	National	Webinar	Covid-19 and Digital Transformation	NTVS'S G. T. P. Arts, Commerce and Science College, Nandurbar.	11June 2020	Participated
4	Dr. R. M. Patil	National	Conference	Emerging Trends In Physical Sciences And Chemical Sciences-2020	Shri Madhukarao Chaudhari College, Jalgaon	3 rd Jan-2020	Presented paper and Awarded First prize
5	Dr. R. M. Patil	National	Conference	Recent Trends In Chemical Sciences-2020	Bhole College, Bhusawal	18 th Jan-2020	Presented paper and Awarded Second prize
6	Dr. R. M. Patil	Local	Seminar	One day seminar on 'Intellectual Property Right'	KCE Society's M. J. College, Jalgaon	24 th Feb-2020	Attended
7	Dr. R. M. Patil	National	Webinar	Chemistry in corona virus research	Dept. of Chemistry Bhaurao Kakarkar college, Belgaum, Karnataka	11-Aug-2020	Attended
8	Dr. R. M. Patil	National	workshop	Documentation for revised NAAC accreditation and assessment process	IQAC, Sant Gadge Baba university Amravati	28 July 2020	Attended
9	Dr. R. M. Patil	National	FDP	E content and ICT tools for effective and innovative teaching	KS Jain Institute of engineering and Technology, Modinagar,	15-21 July-2020	Attended

					Ghazibad, UP		
10	Dr. R. M. Patil	National	FDP	Orienting Applications & Conceptualized Aspects of Sciences & Humanities”	Balaji Institute of Technology & Science, Narsampet, Warangal Rural, Telangana	22 -26 July, 2020.	Attended
11	Dr. R. M. Patil	International	Webinar	Biomedical Applications of Green Chemistry Mediated Metallic Nana particles	Dept. of Chemistry LCIT College of Science and Commerce, Bodri, Bilaspur	19 July, 2020.	Attended
12	Dr. R. M. Patil	Local	Webinar	Nanotechnology in Cancer Treatment	Milind college, Aurangabad,	02 July, 2020.	Attended
13	Dr. R. M. Patil	International	Webinar	Advances in Chemical Sciences and Engineering	Dept. of Chemistry LCIT Govt. Bilasa Girls P. G. college, Bilaspur	18 July, 2020.	Attended
14	Dr. R. M. Patil	Local	FDP	Online short course on Research Methodology	RLT college of Science, akola and Sant Gadge Baba university Amravati	13-16 July-2020	Attended
15	Dr. R. M. Patil	National	Webinar	Gender sensitization	D. H. E. Govt. of. Maharashtra, KBCNMU, Jalgaon and Z. B. Patil college, Dhule	09 July, 2020.	Attended
16	Dr. R. M. Patil	National	Webinar	Chromatography: Multifaceted Analytical Technique	Dept. of Chemistry, Mumbai University	14-15th July 2020	Attended
17	Dr. R. M. Patil	National	Webinar	Awards and Recognitions of IEEE	Rathinam Techzone, Pollachi, Anna University, Chennai	11.07.2020	Attended
18	Dr. R. M. Patil	National	Webinar	A navigation in to science process skills	Govt. college of Pudukkotti	10.07.2020	Attended
19	Miss. Rupali A. Chaudhari	National	Conference	Conference on Recent Trends In Chemical Sciences-2020	Bhole College, Bhusawal	18 th Jan-2020	Attended
20	Miss. Rupali A. Chaudhari	National	Seminar	One day seminar on ‘Intellectual Property Right’	KCE Society’s M. J. College, Jalgaon	24 th Feb-2020	Attended
21	Miss. Shalini M. Chaudhari	National	Conference	Changing Paradigms In Chemical Sciences-2019	P. O. Nahata College, Bhusawal	27 th Sep-2019	Attended

2. MICROBIOLOGY

- Organization of 'Covid-19 Pandemic Disease Awareness Quiz' by Department of Microbiology and IQAC of PGCSTR on April 2020 in which 738 students and faculty from various discipline from India participated in this quiz competition.
- Certificate course completed by Students Pooja Gopal Chaudhari on Basic Molecular Biology and Quality Control

Participation of faculty in Conference / Seminar /Workshop /FDP

Sr. No	Name of teacher	Name of Conference/ Seminar /Workshop/ Webinar	Title	Organizer	Date
1	Mr. S. N. Patil	National Online Workshop	Research Ethics and Plagiarism Control	Bunts Sangha Mumbai Anna Leela College Of Commerce And Economics Shobha Jayaram Shetty College	15th May, 2020.
2	Mr. S. N. Patil	National Webinar	Cybercrime During corona virus era	Mithibai College Vile Parle Mumbai	07 May 2020
3	Mr. S. N. Patil	International E-Conference	Strategies & Challenges in Higher Education during COVID-19 Lockdown Period in India	Government Vidarbha Institute of Science & Humanities, Amravati, Maharashtra	15 to 17 May 2020
4	Mr. S. N. Patil	Workshop	Induction Training workshop for Faculty	KCES PGCSTR, Jalgaon.	16 February 2019
5	Mr. S. N. Patil	National workshop	NAAC awareness program	IQAC, KBC North Maharashtra university Jalgaon	17-18 January 2019
6	Mr. S. N. Patil	Webinar	Recent Development in Diagnostics of Covid 19	Silver Jubilee Govt. College, Kurnol AP	2 May 2020
7	Mr. S. N. Patil	National online Seminar	Research Writing and Enhancing Visibility	Ramnarain Ruia Autonomous College, Mumbai	21 May 2020
8	Mr. S. N. Patil	One Day Online National Workshop	Role of IQAC in Assessment and Accreditation Process"	IQAC of PSGVP Mandal's SIP Arts, GBP Science and STKVS Commerce College, Shahada, Dist - Nandurbar	22 May 2020
9	Mr. S. N. Patil	E-conclave	E-ntrepreneurship conclave	Sandip University, Nashik	30-31 May 2020
10	Mr. S. N. Patil	3 Day National Webinar	Life Sciences 2020 - Education and Innovation for Future	Annasaheb Magar Mahavidyalay, Pune	5- 7 May 2020
11	Mr. S. N. Patil	One day national webinar on	Effective ways to develop e-content	Smt. Devkiba Mohansinhji Chauhan College of commerce and science.	9 May 2020
12	Mr. S. N. Patil	National workshop	Fine Tuning Research	K. J. Somaiya college, Mumbai	25April, 2020.
13	Mr. S. N. Patil	FDP	NAAC assessment and Accreditation	Shri Shivaji College Parbhani	21 to 26 may 2020
14	Mr. S. N. Patil	FDP	FDP on Outcome Based Education	Inpods Ed- tech	29 April 2020

15	Mr. S. N. Patil	Lecture Module	How to effectively manage your references	Researcher Academy, Elsevier	27 April 2020
16	Mr. S. N. Patil	Lecture Module	How to prepare your manuscript	Researcher Academy, Elsevier	27 April 2020
17	Miss. Dhanshri Patil	Workshop	Induction Training workshop for Faculty	KCES PGCSTR, Jalgaon .	16 February 2019
18	Miss. Dhanshri Patil	National workshop	Fine tuning Research	K. J. Somaiya college Mumbai	25April, 2020.
19	Miss. Sunaina Ahire	Workshop	Induction Training workshop for Faculty	KCES PGCSTR, Jalgaon .	16 Feb. 2019
20	Miss. Sunaina Ahire	National online Seminar	Research Writing and Enhancing Visibility	Ramnarain Ruia Autonomous College, Mumbai	21 May 2020

Participation of in Conference / Seminar /Workshop (students)

Sr. No	Name of Student	Conference / Seminar /Workshop /Webinar	Title	Organizer	Date
1	Miss. Dipali Patil	Workshop	Personality development workshop	KBC NMU Jalgaon	18 January 2019
2	Devesh Gopal Walde	Seminar	Recent Advances in life science Research	R.C.Patel College, Shirpur.	28-31 May 2020
3	Devesh Gopal Walde	Seminar	New Horizon of Clinical Research.	M. J. College. Jalgaon	6th July, 2020
4	Miss. Vandana Pawar	Workshop	Personality Development Workshop	KBC NMU Jalgaon	18 Januery 2019
5	Miss. Bhagyashri Jayant wani	Seminar	Recent Advances in life science Research	R.C.Patel College, Shirpur	28-31 May 2020
6	Miss. Bhagyashri Jayant wani	Seminar	competitive exam	DPU Department of Microbiology and biotechnology, Pune.	29th may 2020
7	Miss. Bhagyashri Jayant Wani	Seminar	New Horizon of Clinical Research	Moolji Jaitha College, Jalgaon	6th July, 2020
8	Miss. Bhagyashri Jayant wani	Seminar	Clinical Research.	Govt. institute of Science, Aurangabad	31 th July, 2020

3. BIOTECHNOLOGY

Participation of faculty in Conference / Seminar /Workshop

Sr. No.	Name of the Teacher	National/International/Local	Topic	Title	Organizer	Date	Attended/Presented
1	Prof. J. V. Khan	One day National conference	'Isolation and Characterization of Bacterial Exopolysachharide'	IICSE for Sustainable Development	H.J. Thim College of Arts & Science, Mehrun, Jalgaon	21 January, 2020	Presented
2	Prof. J. V. Khan	National conference	'Isolation and Characterization Microorganism from Hot water	New Frontiers in Biological Sciences	P. O. Nahata Commerce College, Bhusawal.	13/01/2020	Presented

			spring of Unapdev				
3	Dr. Sarang S. Bari	National	Workshop	Magazine editing	Jay Hind College Dhule	4 th Feb. 2020	Attended
4	Dr. Sarang S. Bari	National	Webinar	How to build healthier world through Nanotechnology	SRCollege of Engineering and Management, Nagpur (MS)	27th May 2020	Attended

Research Publications

- ❖ Tanveer A. Khan and **Javed V. Khan, (2020)**, *Ludwigia peruviana* (L.) H. Hara (Onagraceae): a new distributional record for Maharashtra State, India, *Annals of Plant Sciences*, Vol 9, No 4 pp. 3812-3814. Impact Factor 0.471 International
- ❖ **Javed V Khan**, Tanveer A Khan and Shaikh Jaweed (2020), Allelopathic Effect of Some Aphrodisiac Plants on Mung Bean (*Vigna radiata*) Seeds with respect to Biomarker and Biomass Study, (UGC Care list Journal) *Res. Jr. of Agril. Sci.* 11(3): 632-635. IMPACT FACTOR: 0.26 International

Full length paper published in proceedings of conference

- ❖ **Javed V. Khan** and Tanveer A. Khan (2020), Isolation and Characterization of Bacterial Exopolysaccharide, *Journal of Research and Development* | Vol 10, Special Issue 02. **IMPACT FACTOR: 0.688 International**
- ❖ **Dr. Sarang S. Bari** is the author of BOOK chapter in “Recent advances on Nano structured Polymer Composites for Biomedical Applications” Elsevier publications, 2019.

4. MATHEMATICS

Conference/Workshop/Seminar attended by the teacher:

Sr. No.	Name of the Teacher	Name of Conference /Workshop/Seminar	Topic	Organizer	Date/Remark
1	Mr. D. R. Nhavi	National Service Scheme workshop	Management and Execution	KBC North Maharashtra University, Jalgaon	26/09/2019 Attended
2	Mr. D. R. Nhavi	Workshop on Tobacco Control	Tobacco Control	NSS KBCNMU, Jalgaon and Sambandh Health Foundation, Delhi	30/09/2019 Attended

Research Publication:

Sr. No.	Name of the Teacher	Title of Paper	Journal	Volume/year
1	Mr. D. R. Nhavi	Some common fixed point theorems in ordered Gb-metric space	Canadian Journal of Applied Mathematics ISSN No. 0008-414X	Submitted 2020
2	Mr. D. R. Nhavi	Fixed point theorems satisfying ψ - maps in Gb-metric space	Iranian Journal of Mathematical Sciences and Informatics ISSN No. 2008-9473	Submitted 2020
3	Mr. D. R. Nhavi	Fixed point theorem satisfy property P in Gb-metric space	Electronic Journal of Mathematical Analysis and Applications Vol. 7(2) July 2019, pp.181-197.	ISSN: 2090-729X(online) Published 2019

Teaching Staff

Sr. No.	Name of Employee	Qualification	Designation	Department
1	Dr. V. S. Zope	M.Sc. Ph. D	Principal	Principal
2	Dr. Ravindra Maharu Patil	M.Sc. Ph. D NET	Head and Ass. Prof.	Chemistry
3	Prof. Rupali. A.Chaudhari	M.Sc.	Ass. Prof.	Chemistry
4	Prof. Kunal Ramesh Patil	M.Sc. Ph. D	Ass. Prof.	Chemistry
5	Prof. J. V. Khan Maniyar	M.Sc. NET	Head and Ass. Prof	Biotechnology
6	Dr. Sarang S. Bari	M.Sc. Ph. D	Ass. Prof.	Biotechnology
7	Prof. Wankhede Pratiksha Rajendra	M.Sc.	Ass. Prof.	Biotechnology
8	Prof. Sandip Narayan Patil	M.Sc. NET	Head , IQAC Coordinator	Microbiology
9	Prof. Diksha Sanjay Bhat	M.Sc.	Ass. Prof.	Microbiology
10	Prof. Priya Chandrakant Bhoge	M.Sc.	Ass. Prof.	Microbiology
11	Prof. Rakesh Harichandra Wagh	M.Sc.	Ass. Prof.	Statistics
12	Prof. Yogita Vinod Jadhav	M.Sc.	Ass. Prof.	Statistics
13	Prof. Akash R. Wagh	M.Sc.	Ass. Prof.	Statistics
14	Prof. Nhavi Dnyaneshwar Raghunath	M.Sc.	Ass. Prof.	Mathematics
15	Prof. Prachi Pradip Pawar	M.Sc.	Ass. Prof.	Mathematics
16	Prof. Varade Amita Ramesh	M.A. M. Lib SET	Librarian	Library
17	Prof. Snehal Namdevrao Raut	M.P. Ed SET	Physical Director	Phy. Director
18	Prof. Priyanka Sachin Mahajan	M.Sc.	Ass. Prof.	Mathematics

Non Teaching Staff:

Sr. No.	Name	Designation
1	Mr. Ulhas Sudhakar Patil	Ass. Prof. Librarian
2	Mr. Shailendra S. Narkhede	Clerk
3	Miss. Chaitali Ananda Gajare	Clerk
4	Mr. Ganesh Dilip Mali	Lab Attendant
5	Mr. Kamlesh Ramgir Gosavi	Lab Attendant
6	Mr. Digamber Vinayak Khachane	Lab Attendant
7	Mr. Sachin Kaushik Bari	Lab Attendant

Photographs of KCE's Post Graduate college of Science, Tech. and Research, Jalgaon



Release of SPHATIK magazine by Dr. Kisan Patil



**Industrial Visit
Microbiology Department**



Mr. Shubham Bagul (Microbiology) won Gold Medal in Yuvarang 2019-20 for Instrument flute University Youth Festival



**Release of Compendium of PRS Scheme
Prof. P. P. Mahulikar, J. V. Khan Dr. V. S. Zope,
Dr. D. G. Hundiwale**



**PG TECHNOLOGIA: Dr. H. P. Narkhede,
Mr. Yogesh Narkhede, Dr. J. N. Chaudhari,
Dr. S. S. Bari**

Photographs of KCE's Post Graduate college of Science, Tech. and Research, Jalgaon



**Ms. Bhagyashri Wani (Microbiology)
First Rank Watson and Crick Quiz Contest 2019-20 at DNCVP College Jalgaon**



Gathering RHYTHEM Cultural Event



Welcome to peer team members of NAAC



NAAC Cultural Event



Release of Annual Magazine SPHATIK at the auspicious hand of Dr. Kisan Patil



Prize Distribution of PG TECHNOLOGY

Toppers - 2018-19

ORGANIC CHEMISTRY



Gagare chetan Sahebrao
(First Rank)



Patil Suraj Gorakh
Rank)



(Second Rank) Marathe Gaurav Arvind (Second Rank)

MICROBIOLOGY



Krutika Arun Chaudhari
(First Rank)



Hema Arun patil
(Second Rank)



Satish Shantaram Patil
(First Rank)



Vaishali Mohan Wagh
(Second Rank)

BIOTECHNOLOGY

STATISTICS



Mathematics





Shorosimohan Dan, VC Burdwan University West Bengal, **Suresh Mathew**, Professor, M.G. University, Kottayam, Kerla, **Nicholas Thadeuse**, Principal, St. Jude College, Thoothoor Tamil-Nadu, **V. S. Zope**, Principal **S. N. Patil**, Co-ordinator, IQAC.



Mr. Nandkumar Bendale, President, KCE society discussing with PEER team members of NAAC during lunch on meeting held on 3rd March 2020



Inauguration of cultural Event –RHYTHEM 2020: Dr. A. R. Rane , Principal, College of Education, Dr. R. T. Mahajan, Dr. V. S. Zope and Mr. S. N. Patil



Best Student of the year award to Kanchan Zambare at the auspicious hands of Mr. Vishal Mavane, Income-tax Commissioner.

NAAC VISIT GLIMPSES



Presentation by Principal



Department of Chemistry



Organic Chemistry Laboratory



Lunch on Meeting with NAAC peer team



Department of Chemistry



Parent Meeting

NAAC VISIT GLIMPSES



Biotechnology Laboratory



Ladies Room



Department of Microbiology



Microbiology Laboratory



Microbiology Laboratory



Library

NAAC VISIT GLIMPSES



Students Interaction



Parents Alumni Interaction



Parents Alumni Interaction With NAAC PEER Team



IQAC Presentation



Research Laboratory



Department of Mathematics



Dr. R. M. Patil awarded First prize in paper presentation at national conference on ETIPSACS-2020 at SMC College, Jalgaon.



Dr. R. M. Patil awarded Second prize in paper presentation at national conference on Recent Trends in Chemical Sciences-2020 at Bhole College, Bhusawal



Mr. Lalit Dilip Patil M.Sc. II Organic Chemistry awarded Best Poster award in National conference on Changing Paradigms in chemical Sciences-2020 at Nahata College Bhusawal.

**NAAC Accredited B+ Grade
CGPA 2.52 : 2020**

2 (f): 2019

Statistics: 2017

Mathematics: 2017

Microbiology: 2012



Organic Chem: 2011

Biotechnology: 2010

Establishment: 2010

PUBLISHER

**DR. V. S. ZOPE
PRINCIPAL**

CHIEF EDITOR

**PROF. S. N. PATIL
HEAD, DEPARTMENT OF MICROBIOLOGY**

**Khandesh College Education Society's
Post Graduate College of Science, Technology and Research, Jalgaon**

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