CTES's

N. G. Acharya & D. K. Marathe College of Arts, Science & Commerce, Shri. N. G. Acharya Marg, Chembur, Mumbai–400071.

DEPARTMENT OF CHEMISTRY

• Faculty members:

	Name	Designation	Qualification	Specializatio
				n
				(if Any)
	Dr. Vidyagauri Lele	Principal	M. Sc., M. Phil.,	Research
- A		Associate Prof.	Ph. D.	guide
	Ms. Chhaya Pawar	Head, Dept. of	M. Sc.	-
101		Chemistry		
- STA		Associate Prof.		
E COLA				
	Dr. Manjusha Karad	Asst. Prof.	M. Sc., M. Phil.,	
			Ph. D.	
	Dr. Saira Mulla	Associate	M. Sc., Ph. D.	Research
		Prof.	LLB	guide
College	Mr. Pravin Bendle	Asst. Prof.	M. Sc., B. Ed., SET	-
an anat				

Dr. Kusum Baser	Asst. Prof.	M. Sc., B. Ed., NET, Ph. D.	-
Ms. Sayli Kambli	Lecturer	M. Sc.	-

• Background of Department:

- Department of Chemistry is one of the largest and major Department of our college.
- It was established in the year 1982.
- Along with bachelors in chemistry our department has been offering Masters in Organic chemistry course since 2004. It is also a recognized Research Centre for the doctoral course in chemistry.
- Presently our department has 9 faculty members and among their thing 3 are Ph. D. holder and two are currently doing their doctoral research.
- Our principal Dr. Vidyagauri Lele is the senior most member of our department and has many accolades to her credit. She is also bestowed with the best Teacher award (Urban region) by the University of Mumbai for the academic year 2015-16.
- Our principal and Dr. Saira Mulla are research guide.
- Under the guidance and support of our principal, the college management members and our faculty members Dr. Manjusha Karad, Dr. Saira Mulla, Mr. Praveen Bendle, Ms. Kusum Baser, Ms. Sayli, Mr. Varande and Mr. Suryanarayan our department has remained at the forefront in providing the best in class education service to our students.
- Till date we have successfully organized various state-level UGC funded seminars and workshops.
- We have also organized national level conference and RSM which is research scholar meet program in collaboration with Indian chemical Society.
- Our faculty has been proactive in the research domain, publishing 52 research papers in various national and international journals and we have one patents for a research paper titled 'A membrane separation process' presented by Dr. Saira Mulla.
- We have completed nine minor research projects and we also have a couple of

ongoing research projects funded by the University of Mumbai.

- We have well equipped laboratories with the latest instruments, apparatus, highgrade chemicals and infrastructure to perform experiments in all branches of chemistry. To manage these laboratories, we also have a skilled team of support staff. Since our students and faculty members are dealing with chemicals regularly, we adhere to the highest safety standards and we also follow strictly green principle of chemistry.
- Our department has its own library where student can avail reading and borrowing facilities of textbook, reference book. Employment newspaper is also provided to the student once a week. Internet facility and computer are also made available to all student for study and research purpose.
- Our department is committed in preparing competitive and professional graduate and post graduate.
- To enhance the quality of chemistry education our faculty member encourages and motivate our students to participate in various intercollegiate competition.
- Our college is in the vicinity of some of the well-known renowned institution of India like BARC, ICT, TIFR and Marathi Vidnyan Parishad. So, our students have been lucky enough to visit this institution and we have been keen in promoting our students to engage in activities conducted by these institutions.
- Through interaction with industry we arrange industrial visit. We provide our postgraduate student every year for hands on training on HPTLC and we also arrange internship programme for these students.
- Some of the eminent personalities in the field of science and technology had visited our department, India's nuclear Physicist Padma Shree Dr. Anil Kakodkar, Dr. Bal Phondke, a leading Marathi writer of science literature, Dr. G. D. Yadav former vice chancellor of the Institute of Chemical Technology are to name a few.
- And finally, it is indeed a pleasure to mention that some of our alumni are holding key position in the industry, institutions like BRC and many of them have entered in the teaching profession.

• Achievements:

Achievement	Dr. Vidyagauri Lele
by Faculty	• Two books written by her were included in M. Sc. Physical

members	chemistry syllabus as reference books.
	• Invited as a speaker on her research related to 'Drug Delivery' at
	"4 th International Congress on Biomaterials and Biosensors
	(BIOMATASEN)" which was held on May 12-18, 2019 at Turkey .
	• Member of Editorial Board Members / Reviewers and Publish
	Article.
	Invited as a speaker at an 'International conference on Food, Science
	& Technology' on May 6-8, 2019 in Tokyo.
	• Reviewed research paper "Fast and efficient preparation of cross-
	linked potato starch by Microwave technology" for internationally
	renowned journal of Wiley publications "Starch" in the month of
	September 2016.
	• Appointed as a research guide by university of Mumbai in the year
	2013 & under her guidance four students have registered for Ph. D.
	• Invited as Guest lecturer in the area of Polymer Chemistry entitled
	"Introduction to Polymers with special reference to starch graft
	copolymer" at University of Nairobi, Kenya college of biological
	and physical sciences, Department of Chemistry on 14 th October
	2015 and at Tribhuvan University, Kathmandu, Nepal on 19 th May
	2017.Research guide and under her guidance four students have
	registered for Ph. D.
	• Elected as faculty of science member at University of Mumbai.
	• Appointed as paper setter for PET (Ph. D. entrance test) examination
	by Mumbai University.
	• Member of Editorial Board of American Journal of Polymer Science
	and Technology.
	• Invited to review the manuscript & abstract titled 'Effects of
	methacrylamide content on mechanical property & hydrophilicity of
	thermoplastic grafted starch film'.
	 Invited for talk on Polymer at EMN Hawaii meeting held from 26th
	to 30 th March 2019.
	 Coordinator for S. Y. B. Sc. Physical Chemistry syllabus.
	• B. O. S. member of faculty of science at the University of Mumbai.
	• Completed five minor research projects funded by the University of

Mumbai.

- Three of her Ph. D. students namely Ms. Savita Kumari, Ms. Harshada Niju and Mr. Uttam Dalvi presented their research work for Ph. D. at Research Scholar Meet (RSM) at K. C. College on 9th February 2020.
- Chairperson For Ph. D. Viva
- One research student under her guidance, Ms. Kusum Baser was awarded a Doctoral Degree on 3rd July 2020.
- Invited lecture at Department of Chemistry, University of Nairobi, Nairobi, Kenya on 14th October 2015 and at Department of Chemistry, Tribhuvan University, Kathmandu, Nepal on 19th May 2017 on "Introduction to Polymer Chemistry with Special reference to starch graft copolymers".

Ms. Chhaya Pawar

- Appointed as Chairperson & paper setter for S. Y. B. Sc. semester III & semester IV chemistry papers examination by Mumbai University.
- Co-authored textbook for inorganic chemistry for F. Y.B. Sc. in the year 2013.
- Completed two minor research projects funded by Mumbai University in the year 2012-13 & 2016-17 respectively.
- Appointed as Vice Chancellor's nominee for affiliation at M. D. College, Parel.
- Appointed as Vice Chancellor's nominee as subject expert on CAS constituted for promotion of teachers from stage 1 to stage 2 and stage 3 to stage 4 at R. J. College on 11th January 2020.
- MRP grant of 30,000/- received from Mumbai University on 17th March 2020 on Synthesis and Biological Activity of Paraben Derivatives.
- Appointed as paper setter for theory examination of M. Sc. Semester II Paper II by the University of Mumbai.

Dr. Manjusha Karad

 interviews at VES college on 2^{0th} Aug 2018. Co-authored textbooks for Organic chemistry and Drugs & Dyes for T. Y.B. Sc. in the year 2018-19. Appointed as paper setter for T.Y. B. Sc. by Mumbai University in the year March 2019. Dr. Saira Mulla Appointed as Ph. D. research guide by Mumbai University on 23th October2018. Granted Patent for her research work in "Emulsion Liquid Membrane Technology" in the year 2005 and she has also filed two national and one International Patent. Completed one minor research project funded by Mumbai Universit in the year 2011-12. Guided two students for Ph. D. degree in the faculty of science in the year 2016 from JJTU, Rajasthan. Published book on "Guidelines to obtain Patent in India" by Walnut publications (ISBN No. 9789389744279). Published book on "Emulsion Liquid Membrane Technology: Separation of some compounds of Biological importance" by Lambert Academic Publication (ISBN No. 9786200532305). Co-ordinator of Certificate Course in "Basic & Applied Chemistry" (started on February 2020). Participated and presented poster paper at the National conference organized at CKT, college Panvel on the topic "Extraction & separation of antibiotics from industrial effluent' on 17th and 18^d February 2020. Appointed on Advisory Board of "World Journal of Pharmacy and Pharmaceutical Sciences", in the month March 2020. On 3rd May 2021 she had reviewed research article named EFFEC' OF BEVERAGES ON RELEASE OF PARACETAMOL TABLE' BY IN-VITRO DISSOLUTION METHOD USING MODIFIEI MEDIA in the journal of Pharmaceutical Research International. 	_	
 Co-authored textbooks for Organic chemistry and Drugs & Dyes for T. Y.B. Sc. in the year 2018-19. Appointed as paper setter for T.Y. B. Sc. by Mumbai University in the year March 2019. Dr. Saira Mulla Appointed as Ph. D. research guide by Mumbai University on 23rd October2018. Granted Patent for her research work in "Emulsion Liquid Membrane Technology" in the year 2005 and she has also filed two national and one International Patent. Completed one minor research project funded by Mumbai Universit in the year 2011-12. Guided two students for Ph. D. degree in the faculty of science in the year 2016 from JJTU, Rajasthan. Published book on "Guidelines to obtain Patent in India" by Walnut publications (ISBN No. 9789389744279). Published book on "Emulsion Liquid Membrane Technology: Separation of some compounds of Biological importance" by Lambert Academic Publication (ISBN No. 9786200532305). Co-ordinator of Certificate Course in "Basic & Applied Chemistry" (started on February 2020). Participated and presented poster paper at the National conference organized at CKT, college Panvel on the topic 'Extraction & separation of antibiotics from industrial effluent' on 17th and 18rd February 2020. Appointed on Advisory Board of "World Journal of Pharmacey and Pharmaceutical Sciences", in the month March 2020. On 3rd May 2021 she had reviewed research article named EFFEC OF BEVERAGES ON RELEASE OF PARACETAMOL TABLE BY IN-VITRO DISSOLUTION METHOD USING MODIFIEI MEDIA in the journal of Pharmaceutical Research International. 		• Appointed as Vice Chancellor's nominee & subject expert for CAS
 T. Y.B. Sc. in the year 2018-19. Appointed as paper setter for T.Y. B. Sc. by Mumbai University in the year March 2019. Dr. Saira Mulla Appointed as Ph. D. research guide by Mumbai University on 23rd October 2018. Granted Patent for her research work in "Emulsion Liquid Membrane Technology" in the year 2005 and she has also filed two national and one International Patent. Completed one minor research project funded by Mumbai Universit in the year 2011-12. Guided two students for Ph. D. degree in the faculty of science in the year 2016 from JJTU, Rajasthan. Published book on "Guidelines to obtain Patent in India" by Walnut publications (ISBN No. 9789389744279). Published book on "Emulsion Liquid Membrane Technology: Separation of some compounds of Biological importance" by Lambert Academic Publication (ISBN No. 9786200532305). Co-ordinator of Certificate Course in "Basic & Applied Chemistry" (started on February 2020). Participated and presented poster paper at the National conference organized at CKT, college Panvel on the topic 'Extraction & separation of antibiotics from industrial effluent' on 17th and 18th February 2020. Appointed on Advisory Board of "World Journal of Pharmacy and Pharmaceutical Sciences", in the month March 2020. On 3rd May 2021 she had reviewed research article named EFFEC OF BEVERAGES ON RELEASE OF PARACETAMOL TABLE BY IN-VITRO DISSOLUTION METHOD USING MODIFIEI MEDIA in the journal of Pharmaceutical Research International. 		
 Appointed as paper setter for T.Y. B. Sc. by Mumbai University in the year March 2019. Dr. Saira Mulla Appointed as Ph. D. research guide by Mumbai University on 23rd October2018. Granted Patent for her research work in "Emulsion Liquid Membrane Technology" in the year 2005 and she has also filed two national and one International Patent. Completed one minor research project funded by Mumbai University in the year 2011-12. Guided two students for Ph. D. degree in the faculty of science in the year 2016 from JJTU, Rajasthan. Published book on "Guidelines to obtain Patent in India" by Walnut publications (ISBN No. 9789389744279). Published book on "Emulsion Liquid Membrane Technology: Separation of some compounds of Biological importance" by Lambert Academic Publication (ISBN No. 9786200532305). Co-ordinator of Certificate Course in "Basic & Applied Chemistry" (started on February 2020). Participated and presented poster paper at the National conference organized at CKT, college Panvel on the topic 'Extraction & separation of antibiotics from industrial effluent' on 17th and 18rd February 2020. Appointed on Advisory Board of "World Journal of Pharmacy and Pharmaceutical Sciences", in the month March 2020. On 3rd May 2021 she had reviewed research article named EFFEC OF BEVERAGES ON RELEASE OF PARACETAMOL TABLEF BY IN-VITRO DISSOLUTION METHOD USING MODIFIEI MEDIA in the journal of Pharmaceutical Research International. 		
 the year March 2019. Dr. Saira Mulla Appointed as Ph. D. research guide by Mumbai University on 23rd October2018. Granted Patent for her research work in "Emulsion Liquid Membrane Technology" in the year 2005 and she has also filed two national and one International Patent. Completed one minor research project funded by Mumbai Universit in the year 2011-12. Guided two students for Ph. D. degree in the faculty of science in the year 2016 from JJTU, Rajasthan. Published book on "Guidelines to obtain Patent in India" by Walnut publications (ISBN No. 9789389744279). Published book on "Emulsion Liquid Membrane Technology: Separation of some compounds of Biological importance" by Lambert Academic Publication (ISBN No. 9786200532305). Co-ordinator of Certificate Course in "Basic & Applied Chemistry" (started on February 2020). Participated and presented poster paper at the National conference organized at CKT, college Panvel on the topic 'Extraction & separation of antibiotics from industrial effluent' on 17th and 18^{td} February 2020. Appointed on Advisory Board of "World Journal of Pharmacy and Pharmaceutical Sciences", in the month March 2020. On 3rd May 2021 she had reviewed research article named EFFEC' OF BEVERAGES ON RELEASE OF PARACETAMOL TABLE' BY IN-VITRO DISSOLUTION METHOD USING MODIFIEI MEDIA in the journal of Pharmaceutical Research International. 		
 Dr. Saira Mulla Appointed as Ph. D. research guide by Mumbai University on 23rd October2018. Granted Patent for her research work in "Emulsion Liquid Membrane Technology" in the year 2005 and she has also filed two national and one International Patent. Completed one minor research project funded by Mumbai Universit in the year 2011-12. Guided two students for Ph. D. degree in the faculty of science in the year 2016 from JJTU, Rajasthan. Published book on "Guidelines to obtain Patent in India" by Walnut publications (ISBN No. 9789389744279). Published book on "Emulsion Liquid Membrane Technology: Separation of some compounds of Biological importance" by Lambert Academic Publication (ISBN No. 9786200532305). Co-ordinator of Certificate Course in "Basic & Applied Chemistry" (started on February 2020). Participated and presented poster paper at the National conference organized at CKT, college Panvel on the topic 'Extraction & separation of antibiotics from industrial effluent' on 17th and 18rd February 2020. Appointed on Advisory Board of "World Journal of Pharmacy and Pharmaceutical Sciences", in the month March 2020. On 3rd May 2021 she had reviewed research article named EFFEC' OF BEVERAGES ON RELEASE OF PARACETAMOL TABLE' BY IN-VITRO DISSOLUTION METHOD USING MODIFIEI MEDIA in the journal of Pharmaceutical Research International. 		• Appointed as paper setter for T.Y. B. Sc. by Mumbai University in
 Appointed as Ph. D. research guide by Mumbai University on 23rd October2018. Granted Patent for her research work in "Emulsion Liquid Membrane Technology" in the year 2005 and she has also filed two national and one International Patent. Completed one minor research project funded by Mumbai Universit in the year 2011-12. Guided two students for Ph. D. degree in the faculty of science in the year 2016 from JJTU, Rajasthan. Published book on "Guidelines to obtain Patent in India" by Walnut publications (ISBN No. 9789389744279). Published book on "Emulsion Liquid Membrane Technology: Separation of some compounds of Biological importance" by Lambert Academic Publication (ISBN No. 9786200532305). Co-ordinator of Certificate Course in "Basic & Applied Chemistry" (started on February 2020). Participated and presented poster paper at the National conference organized at CKT, college Panvel on the topic 'Extraction & separation of antibiotics from industrial effluent' on 17th and 18^{td} February 2020. Appointed on Advisory Board of "World Journal of Pharmacy and Pharmaceutical Sciences", in the month March 2020. On 3rd May 2021 she had reviewed research article named EFFEC' OF BEVERAGES ON RELEASE OF PARACETAMOL TABLE' BY IN-VITRO DISSOLUTION METHOD USING MODIFIEI MEDIA in the journal of Pharmaceutical Research International. 		the year March 2019.
 October2018. Granted Patent for her research work in "Emulsion Liquid Membrane Technology" in the year 2005 and she has also filed two national and one International Patent. Completed one minor research project funded by Mumbai Universit in the year 2011-12. Guided two students for Ph. D. degree in the faculty of science in the year 2016 from JJTU, Rajasthan. Published book on "Guidelines to obtain Patent in India" by Walnut publications (ISBN No. 9789389744279). Published book on "Emulsion Liquid Membrane Technology: Separation of some compounds of Biological importance" by Lambert Academic Publication (ISBN No. 9786200532305). Co-ordinator of Certificate Course in "Basic & Applied Chemistry" (started on February 2020). Participated and presented poster paper at the National conference organized at CKT, college Panvel on the topic 'Extraction & separation of antibiotics from industrial effluent' on 17th and 18th February 2020. Appointed on Advisory Board of "World Journal of Pharmacy and Pharmaceutical Sciences", in the month March 2020. On 3rd May 2021 she had reviewed research article named EFFEC^r OF BEVERAGES ON RELEASE OF PARACETAMOL TABLE^r BY IN-VITRO DISSOLUTION METHOD USING MODIFIEI MEDIA in the journal of Pharmaceutical Research International. 		Dr. Saira Mulla
 Granted Patent for her research work in "Emulsion Liquid Membrane Technology" in the year 2005 and she has also filed two national and one International Patent. Completed one minor research project funded by Mumbai Universit in the year 2011-12. Guided two students for Ph. D. degree in the faculty of science in the year 2016 from JJTU, Rajasthan. Published book on "Guidelines to obtain Patent in India" by Walnut publications (ISBN No. 9789389744279). Published book on "Emulsion Liquid Membrane Technology: Separation of some compounds of Biological importance" by Lambert Academic Publication (ISBN No. 9786200532305). Co-ordinator of Certificate Course in "Basic & Applied Chemistry" (started on February 2020). Participated and presented poster paper at the National conference organized at CKT, college Panvel on the topic 'Extraction & separation of antibiotics from industrial effluent' on 17th and 18th February 2020. Appointed on Advisory Board of "World Journal of Pharmacy and Pharmaceutical Sciences", in the month March 2020. On 3rd May 2021 she had reviewed research article named EFFEC' OF BEVERAGES ON RELEASE OF PARACETAMOL TABLE' BY IN-VITRO DISSOLUTION METHOD USING MODIFIEI MEDIA in the journal of Pharmaceutical Research International. 		• Appointed as Ph. D. research guide by Mumbai University on 23 rd
 Membrane Technology" in the year 2005 and she has also filed two national and one International Patent. Completed one minor research project funded by Mumbai Universit in the year 2011-12. Guided two students for Ph. D. degree in the faculty of science in the year 2016 from JJTU, Rajasthan. Published book on "Guidelines to obtain Patent in India" by Walnut publications (ISBN No. 9789389744279). Published book on "Emulsion Liquid Membrane Technology: Separation of some compounds of Biological importance" by Lambert Academic Publication (ISBN No. 9786200532305). Co-ordinator of Certificate Course in "Basic & Applied Chemistry" (started on February 2020). Participated and presented poster paper at the National conference organized at CKT, college Panvel on the topic 'Extraction & separation of antibiotics from industrial effluent' on 17th and 18th February 2020. Appointed on Advisory Board of "World Journal of Pharmacy and Pharmaceutical Sciences", in the month March 2020. On 3rd May 2021 she had reviewed research article named EFFEC' OF BEVERAGES ON RELEASE OF PARACETAMOL TABLE' BY IN-VITRO DISSOLUTION METHOD USING MODIFIEI MEDIA in the journal of Pharmaceutical Research International. 		October2018.
 national and one International Patent. Completed one minor research project funded by Mumbai Universit in the year 2011-12. Guided two students for Ph. D. degree in the faculty of science in the year 2016 from JJTU, Rajasthan. Published book on "Guidelines to obtain Patent in India" by Walnut publications (ISBN No. 9789389744279). Published book on "Emulsion Liquid Membrane Technology: Separation of some compounds of Biological importance" by Lambert Academic Publication (ISBN No. 9786200532305). Co-ordinator of Certificate Course in "Basic & Applied Chemistry" (started on February 2020). Participated and presented poster paper at the National conference organized at CKT, college Panvel on the topic 'Extraction & separation of antibiotics from industrial effluent' on 17th and 18th February 2020. Appointed on Advisory Board of "World Journal of Pharmacy and Pharmaceutical Sciences", in the month March 2020. On 3rd May 2021 she had reviewed research article named EFFEC' OF BEVERAGES ON RELEASE OF PARACETAMOL TABLE' BY IN-VITRO DISSOLUTION METHOD USING MODIFIEI MEDIA in the journal of Pharmaceutical Research International. 		• Granted Patent for her research work in "Emulsion Liquid
 national and one International Patent. Completed one minor research project funded by Mumbai Universit in the year 2011-12. Guided two students for Ph. D. degree in the faculty of science in the year 2016 from JJTU, Rajasthan. Published book on "Guidelines to obtain Patent in India" by Walnut publications (ISBN No. 9789389744279). Published book on "Emulsion Liquid Membrane Technology: Separation of some compounds of Biological importance" by Lambert Academic Publication (ISBN No. 9786200532305). Co-ordinator of Certificate Course in "Basic & Applied Chemistry" (started on February 2020). Participated and presented poster paper at the National conference organized at CKT, college Panvel on the topic 'Extraction & separation of antibiotics from industrial effluent' on 17th and 18th February 2020. Appointed on Advisory Board of "World Journal of Pharmacy and Pharmaceutical Sciences", in the month March 2020. On 3rd May 2021 she had reviewed research article named EFFEC' OF BEVERAGES ON RELEASE OF PARACETAMOL TABLE' BY IN-VITRO DISSOLUTION METHOD USING MODIFIEI MEDIA in the journal of Pharmaceutical Research International. 		Membrane Technology" in the year 2005 and she has also filed two
 Completed one minor research project funded by Mumbai Universit in the year 2011-12. Guided two students for Ph. D. degree in the faculty of science in the year 2016 from JJTU, Rajasthan. Published book on "Guidelines to obtain Patent in India" by Walnut publications (ISBN No. 9789389744279). Published book on "Emulsion Liquid Membrane Technology: Separation of some compounds of Biological importance" by Lambert Academic Publication (ISBN No. 9786200532305). Co-ordinator of Certificate Course in "Basic & Applied Chemistry" (started on February 2020). Participated and presented poster paper at the National conference organized at CKT, college Panvel on the topic 'Extraction & separation of antibiotics from industrial effluent' on 17th and 18th February 2020. Appointed on Advisory Board of "World Journal of Pharmacy and Pharmaceutical Sciences", in the month March 2020. On 3rd May 2021 she had reviewed research article named EFFEC' OF BEVERAGES ON RELEASE OF PARACETAMOL TABLE' BY IN-VITRO DISSOLUTION METHOD USING MODIFIEI MEDIA in the journal of Pharmaceutical Research International. 		
 in the year 2011-12. Guided two students for Ph. D. degree in the faculty of science in the year 2016 from JJTU, Rajasthan. Published book on "Guidelines to obtain Patent in India" by Walnut publications (ISBN No. 9789389744279). Published book on "Emulsion Liquid Membrane Technology: Separation of some compounds of Biological importance" by Lambert Academic Publication (ISBN No. 9786200532305). Co-ordinator of Certificate Course in "Basic & Applied Chemistry" (started on February 2020). Participated and presented poster paper at the National conference organized at CKT, college Panvel on the topic 'Extraction & separation of antibiotics from industrial effluent' on 17th and 18th February 2020. Appointed on Advisory Board of "World Journal of Pharmacy and Pharmaceutical Sciences", in the month March 2020. On 3rd May 2021 she had reviewed research article named EFFEC' OF BEVERAGES ON RELEASE OF PARACETAMOL TABLE' BY IN-VITRO DISSOLUTION METHOD USING MODIFIEI MEDIA in the journal of Pharmaceutical Research International. 		
 Guided two students for Ph. D. degree in the faculty of science in the year 2016 from JJTU, Rajasthan. Published book on "Guidelines to obtain Patent in India" by Walnut publications (ISBN No. 9789389744279). Published book on "Emulsion Liquid Membrane Technology: Separation of some compounds of Biological importance" by Lambert Academic Publication (ISBN No. 9786200532305). Co-ordinator of Certificate Course in "Basic & Applied Chemistry" (started on February 2020). Participated and presented poster paper at the National conference organized at CKT, college Panvel on the topic 'Extraction & separation of antibiotics from industrial effluent' on 17th and 18th February 2020. Appointed on Advisory Board of "World Journal of Pharmacy and Pharmaceutical Sciences", in the month March 2020. On 3rd May 2021 she had reviewed research article named EFFEC OF BEVERAGES ON RELEASE OF PARACETAMOL TABLE BY IN-VITRO DISSOLUTION METHOD USING MODIFIEI MEDIA in the journal of Pharmaceutical Research International. 		
 the year 2016 from JJTU, Rajasthan. Published book on "Guidelines to obtain Patent in India" by Walnut publications (ISBN No. 9789389744279). Published book on "Emulsion Liquid Membrane Technology: Separation of some compounds of Biological importance" by Lambert Academic Publication (ISBN No. 9786200532305). Co-ordinator of Certificate Course in "Basic & Applied Chemistry" (started on February 2020). Participated and presented poster paper at the National conference organized at CKT, college Panvel on the topic 'Extraction & separation of antibiotics from industrial effluent' on 17th and 18th February 2020. Appointed on Advisory Board of "World Journal of Pharmacy and Pharmaceutical Sciences", in the month March 2020. On 3rd May 2021 she had reviewed research article named EFFEC OF BEVERAGES ON RELEASE OF PARACETAMOL TABLE BY IN-VITRO DISSOLUTION METHOD USING MODIFIEI MEDIA in the journal of Pharmaceutical Research International. 		
 Published book on "Guidelines to obtain Patent in India" by Walnut publications (ISBN No. 9789389744279). Published book on "Emulsion Liquid Membrane Technology: Separation of some compounds of Biological importance" by Lambert Academic Publication (ISBN No. 9786200532305). Co-ordinator of Certificate Course in "Basic & Applied Chemistry" (started on February 2020). Participated and presented poster paper at the National conference organized at CKT, college Panvel on the topic 'Extraction & separation of antibiotics from industrial effluent' on 17th and 18th February 2020. Appointed on Advisory Board of "World Journal of Pharmacy and Pharmaceutical Sciences", in the month March 2020. On 3rd May 2021 she had reviewed research article named EFFEC OF BEVERAGES ON RELEASE OF PARACETAMOL TABLEF BY IN-VITRO DISSOLUTION METHOD USING MODIFIEI MEDIA in the journal of Pharmaceutical Research International. 		
 publications (ISBN No. 9789389744279). Published book on "Emulsion Liquid Membrane Technology: Separation of some compounds of Biological importance" by Lambert Academic Publication (ISBN No. 9786200532305). Co-ordinator of Certificate Course in "Basic & Applied Chemistry" (started on February 2020). Participated and presented poster paper at the National conference organized at CKT, college Panvel on the topic 'Extraction & separation of antibiotics from industrial effluent' on 17th and 18th February 2020. Appointed on Advisory Board of "World Journal of Pharmacy and Pharmaceutical Sciences", in the month March 2020. On 3rd May 2021 she had reviewed research article named EFFEC' OF BEVERAGES ON RELEASE OF PARACETAMOL TABLE' BY IN-VITRO DISSOLUTION METHOD USING MODIFIEI MEDIA in the journal of Pharmaceutical Research International. 		
 Published book on "Emulsion Liquid Membrane Technology: Separation of some compounds of Biological importance" by Lambert Academic Publication (ISBN No. 9786200532305). Co-ordinator of Certificate Course in "Basic & Applied Chemistry" (started on February 2020). Participated and presented poster paper at the National conference organized at CKT, college Panvel on the topic 'Extraction & separation of antibiotics from industrial effluent' on 17th and 18th February 2020. Appointed on Advisory Board of "World Journal of Pharmacy and Pharmaceutical Sciences", in the month March 2020. On 3rd May 2021 she had reviewed research article named EFFEC OF BEVERAGES ON RELEASE OF PARACETAMOL TABLEF BY IN-VITRO DISSOLUTION METHOD USING MODIFIEI MEDIA in the journal of Pharmaceutical Research International. 		
 Separation of some compounds of Biological importance" by Lambert Academic Publication (ISBN No. 9786200532305). Co-ordinator of Certificate Course in "Basic & Applied Chemistry" (started on February 2020). Participated and presented poster paper at the National conference organized at CKT, college Panvel on the topic 'Extraction & separation of antibiotics from industrial effluent' on 17th and 18th February 2020. Appointed on Advisory Board of "World Journal of Pharmacy and Pharmaceutical Sciences", in the month March 2020. On 3rd May 2021 she had reviewed research article named EFFEC OF BEVERAGES ON RELEASE OF PARACETAMOL TABLE BY IN-VITRO DISSOLUTION METHOD USING MODIFIEI MEDIA in the journal of Pharmaceutical Research International. 		
 Lambert Academic Publication (ISBN No. 9786200532305). Co-ordinator of Certificate Course in "Basic & Applied Chemistry" (started on February 2020). Participated and presented poster paper at the National conference organized at CKT, college Panvel on the topic 'Extraction & separation of antibiotics from industrial effluent' on 17th and 18th February 2020. Appointed on Advisory Board of "World Journal of Pharmacy and Pharmaceutical Sciences", in the month March 2020. On 3rd May 2021 she had reviewed research article named EFFEC' OF BEVERAGES ON RELEASE OF PARACETAMOL TABLE' BY IN-VITRO DISSOLUTION METHOD USING MODIFIEI MEDIA in the journal of Pharmaceutical Research International. 		
 Co-ordinator of Certificate Course in "Basic & Applied Chemistry" (started on February 2020). Participated and presented poster paper at the National conference organized at CKT, college Panvel on the topic 'Extraction & separation of antibiotics from industrial effluent' on 17th and 18th February 2020. Appointed on Advisory Board of "World Journal of Pharmacy and Pharmaceutical Sciences", in the month March 2020. On 3rd May 2021 she had reviewed research article named EFFEC OF BEVERAGES ON RELEASE OF PARACETAMOL TABLE BY IN-VITRO DISSOLUTION METHOD USING MODIFIEI MEDIA in the journal of Pharmaceutical Research International. 		
 (started on February 2020). Participated and presented poster paper at the National conference organized at CKT, college Panvel on the topic 'Extraction & separation of antibiotics from industrial effluent' on 17th and 18th February 2020. Appointed on Advisory Board of "World Journal of Pharmacy and Pharmaceutical Sciences", in the month March 2020. On 3rd May 2021 she had reviewed research article named EFFEC' OF BEVERAGES ON RELEASE OF PARACETAMOL TABLE' BY IN-VITRO DISSOLUTION METHOD USING MODIFIEI MEDIA in the journal of Pharmaceutical Research International. 		
 Participated and presented poster paper at the National conference organized at CKT, college Panvel on the topic 'Extraction & separation of antibiotics from industrial effluent' on 17th and 18th February 2020. Appointed on Advisory Board of "World Journal of Pharmacy and Pharmaceutical Sciences", in the month March 2020. On 3rd May 2021 she had reviewed research article named EFFEC' OF BEVERAGES ON RELEASE OF PARACETAMOL TABLE' BY IN-VITRO DISSOLUTION METHOD USING MODIFIEI MEDIA in the journal of Pharmaceutical Research International. 		
 organized at CKT, college Panvel on the topic 'Extraction & separation of antibiotics from industrial effluent' on 17th and 18th February 2020. Appointed on Advisory Board of "World Journal of Pharmacy and Pharmaceutical Sciences", in the month March 2020. On 3rd May 2021 she had reviewed research article named EFFEC' OF BEVERAGES ON RELEASE OF PARACETAMOL TABLE' BY IN-VITRO DISSOLUTION METHOD USING MODIFIEI MEDIA in the journal of Pharmaceutical Research International. 		(started on February 2020).
 separation of antibiotics from industrial effluent' on 17th and 18th February 2020. Appointed on Advisory Board of "World Journal of Pharmacy and Pharmaceutical Sciences", in the month March 2020. On 3rd May 2021 she had reviewed research article named EFFEC' OF BEVERAGES ON RELEASE OF PARACETAMOL TABLE' BY IN-VITRO DISSOLUTION METHOD USING MODIFIEI MEDIA in the journal of Pharmaceutical Research International. 		• Participated and presented poster paper at the National conference
 February 2020. Appointed on Advisory Board of "World Journal of Pharmacy and Pharmaceutical Sciences", in the month March 2020. On 3rd May 2021 she had reviewed research article named EFFEC" OF BEVERAGES ON RELEASE OF PARACETAMOL TABLE" BY IN-VITRO DISSOLUTION METHOD USING MODIFIEI MEDIA in the journal of Pharmaceutical Research International. 		organized at CKT, college Panvel on the topic 'Extraction &
 Appointed on Advisory Board of "World Journal of Pharmacy and Pharmaceutical Sciences", in the month March 2020. On 3rd May 2021 she had reviewed research article named EFFEC OF BEVERAGES ON RELEASE OF PARACETAMOL TABLE BY IN-VITRO DISSOLUTION METHOD USING MODIFIEI MEDIA in the journal of Pharmaceutical Research International. 		separation of antibiotics from industrial effluent' on 17 th and 18 th
 Pharmaceutical Sciences", in the month March 2020. On 3rd May 2021 she had reviewed research article named EFFEC OF BEVERAGES ON RELEASE OF PARACETAMOL TABLE BY IN-VITRO DISSOLUTION METHOD USING MODIFIEI MEDIA in the journal of Pharmaceutical Research International. 		February 2020.
 On 3rd May 2021 she had reviewed research article named EFFEC OF BEVERAGES ON RELEASE OF PARACETAMOL TABLE BY IN-VITRO DISSOLUTION METHOD USING MODIFIED MEDIA in the journal of Pharmaceutical Research International. 		• Appointed on Advisory Board of "World Journal of Pharmacy and
OF BEVERAGES ON RELEASE OF PARACETAMOL TABLE' BY IN-VITRO DISSOLUTION METHOD USING MODIFIED MEDIA in the journal of Pharmaceutical Research International.		Pharmaceutical Sciences", in the month March 2020.
OF BEVERAGES ON RELEASE OF PARACETAMOL TABLE' BY IN-VITRO DISSOLUTION METHOD USING MODIFIED MEDIA in the journal of Pharmaceutical Research International.		• On 3 rd May 2021 she had reviewed research article named EFFECT
BY IN-VITRO DISSOLUTION METHOD USING MODIFIED MEDIA in the journal of Pharmaceutical Research International.		OF BEVERAGES ON RELEASE OF PARACETAMOL TABLET
MEDIA in the journal of Pharmaceutical Research International.		BY IN-VITRO DISSOLUTION METHOD USING MODIFIED
- isponition as paper setter for means examination of the bollook		• Appointed as paper setter for theory examination of M. Sc. Semester

II Paper IV by the University of Mumbai.

Mr. Pravin Bendle

- Co-coordinator of Certificate Course in "Basic & Applied Chemistry" (started on February 2020).
- Completed online Refresher Course in Chemistry in the month of February 2020.
- Completed one minor research funded by Mumbai University in the year 2017-18.
- attended a university Level Workshop which was organized by Eligibility section of University of Mumbai on 16th July 2020. The workshop was related to various procedures like admission, enrollment, eligibility processing of students. The duration of this workshop was 3 hrs.
- Admission taken for Ph. D. in chemistry in KBP College, Vashi.

<u>Ms. Kusum Baser</u>

- Won 2nd prize for poster presentation at National Seminar at C. K. T. College on "Graft polymerization vinyl monomer on to native starch initiated by persulphate".
- Won 3rd prize poster presentation at National Seminar at Vaze College, Mulund on "Characterization of starch graft copolymer initiated by CAN".
- Completed one minor research funded by the University of Mumbai in the year 2016-17.
- MRP grant of 35,000/- received from Mumbai University on Synthesis characterization and microbial degradation study of starch graft copolymers.
- Kusum Baser successfully faced online viva on 3rd July, under the guidance of Dr. Vidyagauri Lele on " Syntheses of starch graft vinyl polymers, their characterization and biodegradation study". The Referees were Dr. Vaishali Shinde from Pune University and Dr. Ansul Dandia from Rajasthan university. Mr. Talwadkar, Deputy Registrar thesis section of University of Mumbai, treasurer CTES

Shri. Rammurthy sir, vice principal Mr Liaquat Ali sir, faculty
members of the chemistry department and colleagues from other
departments were also present.
• Presented a paper titled Characterization and biodegradation study of
starch graft vinyl polymer in International conference 'Covid-19
Perspective of Science and Challenges' 19th & 20th June 2020 at
Siddharth College, Fort.

• Annual programmes/ Conference/ Workshop & Seminars Organized:

Annual	• Chem Fun	
programme/s	 National Science Day celebration 	
	• Fascinating World of Science	
Conference, Workshop &	 UGC Sponsored State Level workshop on 13th March 2010 on "Common Places between Pure & Industrial Chemistry". 	
Seminar	• UGC Sponsored State Level seminar on 4 th December 2010 on "Corrosion	
Organized	 & it's prevention". Two days Research Scholar Meet organized on 25th& 26th February 2011 in Collaboration with Indian chemical society. UGC Sponsored State Level workshop on 12th January 2013 on "Waste Management". University Level workshopon2nd March 2013 on "T.Y. B. Sc. C. B. G. S. Syllabus". University Level workshop on 29th March 2014 on "F. Y. B. Sc. Revised Syllabus". UGC Sponsored State Level seminar on 6th September 2014 on "Recent Trends in Analytical Chemistry". One day National level Conference was organized by Science Faculties on the theme "Emerging Trends in Science". Intellectual Property Right seminar on 12th January2019. Two days International Level Conference Webinar on "New pathways in Chemistry" on 23rd and 24th May 2020. 	

• Awards:

Awards	• Received 'Dharmanirpeksh sadbhavana award' in the presence
	Union Social Justice Minister Mr. Ramdasji Athawale on 23 rd January
	2019 at Fine Arts Society.
	• Award- 'towards par excellence services for the betterment of
	• society & nation in her chosen arena' on International women's
	• day in International conference on 6 th March 2019 in Thane at K. B.
	college of Arts & Commerce for women.
	• Principal Dr. Vidyagauri Lele received "BEST TEACHER
	AWARD" (URBAN AREA) amongst the teachers of the Affiliated
	Colleges by University of Mumbai for the academic year2015-16.
	• Principal Dr. Vidyagauri Lele conferred a with "BEST TEACHER
	AWARD" in Chemical Science by Global society for basic and applied
	science at Kathmandu Nepal in May 2017.

• Current status of department & future plans:

Current Status	The department is currently offering		
	• Courses in B.Sc. Chemistry & M. Sc. in Organic Chemistry & Ph. D.		
	programme.		
	• Certificate Course in "Basic & Applied Chemistry" for non-science		
	students (B. Com. students).		
Future Plans	The Department plans to raise funds from University and UGC schemes		
	to add value to the curriculum by providing access to specialized		
	infrastructure in terms of high-end instruments and research facilities.		

• Regular activities of the department:

Study visits:	• The Department also organizes visit to Industries like FDC Pvt. Ltd.,		
	Sudarshan Chemicals, Mapro Industry, Nipha wine industry, Reviello		
	wine industry and Central Government institutes like ICT, IIT, CIRCOT,		
	FDA, TIFR, BARC, Nehru Science Centre, Homi Bhabha Research		
	Centre, Nipha Wine & Sula Wine Industry, Science Park, etc. for		
	students.		
Community	• Fascinating World of Science for 10 th std school students.		
Outreach	• Shanivari Vidnyanvari program to teach and spread basic science		
Programme	concepts to school children this special program T. Y. B. Sc. Students has		
	been conducting since last year in which they explained various science-		
	based experiments to students. Marathi vidnyan parishad help these		

	students to carry out this noble cause.	
Intercollegiate	• B. Sc. & M. Sc. students participate in various Intercollegiate	
competition	competitions every year.	
Guest	• The Department organizes Guest lectures for T. Y. B. Sc.	
Lectures:	students for their theory papers by inviting experienced teachers	
	from various colleges of Mumbai.	
	• The Department organizes Guest lecture for 'IIT JAM entrance	
	examination' for S. Y. B. Sc. students.	
	• Department also organizes Laboratory safety workshop for students as	
	well as for support staff by inviting experienced person from Borosil, India	
	LTD every year.	
Distinguish	Dr. Anil Kakodkar	
visitors	• Dr. M. M. Sharma	
	Dr. Bal Phondke	
	• Dr. G. D. Yadav	
	• Dr. A. K. Tyagi	
	• Mr. Charegaokar (Anchrom)	
	Dr. Kalsi	
	Dr. Ramanna	
	• Dr. Mohan Apte	
	• Mr. A. P. Deshpande	
	• Dr. Hemant Sodaye	
	• Dr. Chandan	

Updated till date 28th June 2021