Title	Dr.	First	Premlata	Last	Kumari	Photograph
Designation		**Associate Professor**				
Department		Applied Chemistry Department				
Address	**(Campus)**	S.V. National Institute of Technology, Surat				
	(Residence)	Flat.No. B-501, Staff quarters, SVNIT Campus, Ichchhanath, Surat-395007				
Phone No	**(Campus)**	91-261-220 1544				
	(Residence)	91-261-220 1922				
Mobile		9904003863, 8320425450				
Fax		0261-2227334, 2228394				
Email		pl@chem.svnit.ac.in, premlatakumari@gmail.com				
Web-Page		http://www.svnit.ac.in/facup/pk.pdf				

Education

Degree	Institution	Year	Details
Ph. D.	University of Allahabad	2007	Thesis topic: Chemical and structural study of plant seed polysaccharide
M. Sc.	University of Allahabad	2002	Subjects: Organic Chemistry
B. Sc.	University of Allahabad	2000	Subjects: Chemistry and Botany

Career Profile

Organisation / Institution	Designation	Duration	Role
S.V. National Institute of Technology, Surat	Associate Professor	Jan 2019-till date	Teaching and research
S.V. National Institute of Technology, Surat	Assistant Professor	Dec, 2006-Jan 2019	Teaching and research

Research Interests / Specialization

Organic synthesis, Phytochemistry, Extraction and bioactivity of medicinal plants and waste water treatment.

Administrative Assignments

June'11 2018- Feb'13 2019: Faculty Incharge, Applied Chemistry Department, S. V. National Institute of Technology, Surat

Nov. 2015 – 14 March 2017: Head, Applied Chemistry Department, S. V. National Institute of Technology, Surat

Oct. 2013- Dec. 2014: Faculty Incharge, Applied Chemistry Department, S. V. National Institute of Technology, Surat

Feb. 2007-May 2011: Girls Hostel Warden, S. V. National Institute of Technology, Surat

Honors & Awards

2016: **Best Poster Award** at National conference on Frontiters in Chemical Sciences and Technologies, organized by NIT Warrangal during 28th -29th January 2016.

2014: **Best Poster Award** at Science Manthan-2014 2nd Feb 2014, Organized by DST, GUJCOST and P. D. Patel college, Changa.

2003: Qualified CSIR- NET.

2002:VIth Rank in M.Sc.

Complete list of papers published : 47

1. Azazahemad Kureshi, Amit Mirgal, Siddhesh Salvi, **Premlata Kumari**, Raghuraj Singh and Satyanshu Kumar, Antioxidant Activities and Phenolics Contents of Garcinia talbotii Fruit Rind, Research Journal of Medicinal Plants, In Press, 2020
2. Kureshi, A. A., Dholakiya, C., Hussain, T., Mirgal, A., Salvi, S. P., Barua, P. C., Talukdar, M., Beena, C., Kar, A., Zachariah, T. J., **Kumari, P**., Dhanani, T., Singh, R., & Kumar, S (2020). Simultaneous identification and quantification of three biologically active xanthones in Garcinia species using a rapid UHPLC-PDA method. Acta Chromatographica, 32(3) 179-188.
3. Kureshi A.A., Dholakiya, C., Hussain, T., Mirgal, A., Salvi, S.P., Barua, P.C., Talukdar, M., Beena, C., Kar, A., Zachariah, T.J., **Kumari, P.,** Dhanani T., Singh, R., Manivel, P. and Kumar, S., 2019. Simultaneous Identification and Quantification of Three Xanthones and Two Polyisoprenylated Benzophenones in Eight Indian *Garcinia* Species Using a Validated UHPLC-PDA Method. Journal of AOAC International 102(5), 1423-1434.. IF. 1.12
4. Kureshi A.A., Hussain, T., Mirgal, A., Salvi, S.P., Barua, P.C., Talukdar, M., Beena, C., Kar, A., Zachariah, T.J., Kumar, S., Dhanani, T., Singh, R., **Kumari, P.,** 2019. Comparative evaluation of antioxidant properties of extracts of fruit rinds of eight *Garcinia* species from India by three *in vitro* assays. Indian Journal of Horticulture, 76 (2), 338-343.
5. Lakhotia S.R., Mukhopadhyay M*, **Kumari P.,** 2019. Iron oxide (FeO) nanoparticles embedded thin-film nanocomposite nanofiltration (NF) membrane for water treatment. Separation and Purification Technology 211, 98-107. IF. 3.927
6. Lakhotia S.R., Mukhopadhyay M*, **Kumari P.,** 2018. Surface-modified nanocomposite membranes. Separation & Purification Reviews 47 (4), 288-305. IF. 4.212
7. Lakhotia S.R., Mukhopadhyay M*, **Kumari P.,** 2019. Cerium oxide nanoparticles embedded thin-film nanocomposite nanofiltration membrane for water treatment. Scientific Reports. 8, 4976, 4976 IF. 4.122
8. Patel D. *, **Kumari P.***, Patel N.B., 2017. Synthesis and biological evaluation of coumarin based isoxazoles, pyrimidinthiones and pyrimidin-2-ones. Arabian Journal of Chemistry. 10, S3990-S4001, IF.3.73.
9. Dhanani T.,Singh R., Shah S., **Kumari P**., Kumar S., 2016. Comparison of green extraction methods with conventional extraction method for extract yield, L-DOPA concentration and antioxidant activity of *Mucuna pruriens* seed. Green Chemistry Letters and Reviews. 8(2), 43-48, 2015.IF.1.33
10. Patel A. B., Chikhalia K.H., **Kumari P.*** Study of new β-lactams-substituted s-triazine derivatives as potential bioactive agents. Med. Chem. Res. Springer, 2338-2346, 2015. IF.1.40
11. Patel A. B., Chikhalia K.H., **Kumari P.*** Efficient palladium-catalyzed Suzuki C–C coupling of novel urea/thiourea-based quinazolines. Res. Chem. Intermediat Springer,2665-2674, 2015. IF.1.22
12. Patel A. B., Chikhalia K.H., **Kumari P.** *Access to antimycobacterial and anticancer potential of some fused quinazolines Res. Chem. Intermediat Springer, 4439-4445, 2015. IF.1.22
13. Patel A. B., **Kumari P.,** Chikhalia K.H * Exploring antimicrobial and antimycobacterial potential of novel quinazoline based thiazolidin-4-ones, Indian Journal of Chemistry, NISCAIR Publications, 260-271, 2015. IF.0.387
14. Patel A. B., Chikhalia K.H., **Kumari P**.* Synthesis and biological evaluation of novel quinazoline derivatives obtained by Suzuki C–C coupling. Med. Chem. Res. Springer, 2338-2346, 2014. IF.1.40
15. Patel A. B., Chikhalia K.H., **Kumari P.*** Facile synthesis of benzonitrile/nicotinonitrile based s-triazines as new potential antimycobacterial agents. Eur. J. Med. Chem., 79C (2014) 57-65. I.F. 3.45.
16. Chhatriwala N.M., Patel A. B., Patel R. V., **Kumari P**.* *In vitro* Biological Investigations of Novel Piperazine Based Heterocycles. J. Chem. Res. Science Reviews 2000 Ltd, 611-616, 2014. IF:0.633
17. Patel A. B., Chikhalia K.H., **Kumari P**.* An efficient synthesis of new thiazolidin-4-one fused s-triazines as potential antimicrobial and anticancer agents, J Saudi Chem. Soc., Elsevier, 646–656, 2014.IF.2.52
18. Patel A. B., Kumari P., Chikhalia K.H * One-Pot Synthesis of Novel Quinoline-Fused Azeto[1,2-a]benzimidazole Analogs Via Intramolecular Pd-Catalyzed C–N Coupling. Catal. Lett., 144 (2014) 1332-1338. IF:2.31
19. Patel A. B., Sahoo S.K., Chikhalia K.H., **Kumari P***. Design, synthesis and computational studies of new benzothiazole substituted quinazolines as potential antimicrobial agents. Lett. drug des. Discov. 10(10) (2013) 957-966, I.F- 0.77.
20. Patel D., **Kumari P.***, Patel N.B. In vitro antimicrobial and antimycobacterial activity of some chalcones and their derivatives. Med. Chem. Res. 22(2) (2013) 726-744. IF.1.40
21. Patel A.B., Patel R.V., **Kumari P.,** Rajani D. P., Chikhalia K.H.* Synthesis of potential antitubercular and antimicrobial s-triazine-based scaffolds via Suzuki cross-coupling reaction" Med. Chem. Res. 22(1) (2013) 367-381. IF.1.40
22. Patel R.V.*, **Kumari P.,** Chikhalia K.H. New Quinolinyl–1,3,4–Oxadiazoles: Synthesis, In Vitro Antibacterial, Antifungal and Antituberculosis Studies. Med. Chem. 9(4) (2013) 596-607.IF. 1.36

23. Patel R.V.*, **Kumari P.**, Rajani D. P., Chikhalia K.H. Synthesis of coumarin-based 1,3,4-oxadiazol-2ylthio-N-phenyl/benzothiazolyl acetamides as antimicrobial and antituberculosis agents" Med. Chem. Res. 22(1) (2013) 195-210. IF.1.40
24. Patel, R.V.*; Patel, J.K.; **Kumari, P**.; Chikhalia, K.H. Synthesis of Novel Quinolone and Coumarin Based 1,3,4-Thiadiazolyl and 1,3,4-Oxadiazolyl N-Mannich Bases as Potential Antimicrobials" Lett. Org. Chem. 9(7) (2012) 478-486.IF:0.66
25. Patel R.V., **Kumari P**., Rajani D. P., Chikhalia K.H.* A new class of 2-(4-cyanophenyl amino)-4-(6-bromo-4-quinolinyloxy)-6-piperazinyl(piperidinyl)-1,3,5-triazine analogues with antimicrobial/antimycobacterial activity. J. Enzyme Inhib. Med. Chem., 27(3) (2012) 370-379.IF:2.33
26. Patel D., Patel R.V., **Kumari P.***, Patel N.B. In vitro antimicrobial assessment of coumarin-based s-triazinylpiperazines. Med. Chem. Res., 21(8) (2012) 1611-1624. IF.1.40
27. Patel D., **Kumari P.***, Patel N.B. Synthesis of 3-{4-[4-dimethylamino-6-(4-methyl-2-oxo-2Hchromen- 7-yloxy)-[1,3,5]triazin-2-ylamino]-phenyl}-2-phenyl-5- (4-pyridin-2-yl-piperazin-1-ylmethyl)-thiazolidin-4-one and their biological evaluation" Med. Chem. Res., 21(10) (2012) 2926-2944. IF.1.40
28. Patel D., **Kumari P.***, Patel N.B. Synthesis and biological evaluation of some thiazolidinones as antimicrobial agents" Eur. J. Med. Chem., 48 (2012) 354-362.IF:3.45
29. Patel R.V.*, **Kumari P.**, Rajani D. P., Christophe P., Erik D.C., Chikhalia K.H. Antimicrobial, anti-TB, anticancer and anti-HIV evaluation of new s-triazine-based heterocycles. Future Med Chem., 4(9) (2012) 1053-1065. IF:3.74
30. Patel R.V.*, **Kumari P.**, Chikhalia K.H. Synthesis of novel 3-(5-sulfanyl-1,3,4-oxadiazol-2-yl)-2H-chromen- 2-one condensed s-triazinyl piperazines and piperidines as antimicrobial agents. Med. Chem. Res., 21(10) (2012) 3119-3132. IF.1.40
31. Patel, R.V.*; Patel, J.K.; **Kumari, P**.; Chikhalia, K.H. Combination of bioactive moieties with different heteroatom(s): Application of Suzuki cross coupling reaction. Heteroat. Chem., 23(4) (2012) 399–410.IF. 1.08
32. Patel R.V.*, Patel P.K., **Kumari P.**, Rajani D. P., Chikhalia K.H. Synthesis of benzimidazolyl-1,3,4-oxadiazol-2ylthio-N-phenyl (benzothiazolyl) acetamides as antibacterial, antifungal and antituberculosis agents. Eur. J. Med. Chem. 53 (2012) 41-45.IF:3.45
33. Patel R.V.*, **Kumari P.,** Chikhalia K.H. Microwave assisted synthesis and determination of In-Vitro antimicrobial efficacy of well characterized s-triazinylpiperazines and piperidines. Acta pol. Pharm., 69 (2012) 423-432. IF:0.74
34. Patel D., Patel R.V., **Kumari P.*,** Patel N.B. Microwave-assisted synthesis of coumarin based s-triazinylpiperazines and piperidines and their antimicrobial activities. Acta pol. Pharma., 69(5) (2012) 879-891.IF:0.74
35. Patel R.V., **Kumari P.**, Rajani D. P., Chikhalia K.H.* Discovery of 2-(4-cyano-3-trifluoromethylphenyl amino)-4-(4-quinazolinyloxy)-6-piperazinyl(piperidinyl)-s-triazines as potential antibacterial agents. Med. Chem. Res., 21(12) (2012) 4177-4192. IF.1.40
36. Patel D., Patel R.V., **Kumari P.***, Patel N.B. Synthesis of s-Triazine-Based Thiazolidinones as Antimicrobial Agents. Z. Naturforsch., C: J. Biosci., 67(3-4) (2012) 108-122. IF:0.55
37. Patel D., Patel R.V., **Kumari P.***, Patel N.B. Microwave assisted synthesis and in vitro antimicrobial assessment of quinolone based s- triazines. Heterocycl. Commun., 17 (1-2) (2011) 33-41.IF:0.593
38. Patel R.V.*, **Kumari P**., Rajani D. P., Chikhalia K.H. Synthesis, characterization and pharmacological activities of 2-[4-cyano-(3-trifluoromethyl)phenyl amino)]-4-(4-quinoline/coumarin-4-yloxy)-6- (fluoropiperazinyl)-s-triazines. J. Fluorine Chem., 132 (2011) 617-627.IF:1.95
39. Patel R.V.*, **Kumari P**., Chikhalia K.H. Fluorinated s-TriazinylPiperazines as Antimicrobial Agents. Z. Naturforsc., 66C (2011) 345-352.IF: 0.55
40. Patel R.V., **Kumari P.***, Rajani D. P., Chikhalia K.H. Synthesis and studies of novel 2-(4-cyano-3-trifluoromethylphenyl amino)-4-(quinoline-4-yloxy)-6-(piperazinyl/piperidinyl)-s-triazines as potential antimicrobial, antimycobacterial and anticancer agents. Eur. J. Med. Chem., 46 (2011) 4354-4365.IF:3.45
41. Patel R.V.*, **Kumari P**., Rajani D. P., Chikhalia K.H. Synthesis and Antimycobacterial Activity of Various 1–(8–quinolinyloxy)–3–piperazinyl(piperidinyl)–5–(4–cyano–3–trifluoromethylphenyl amino)–s–triazines. Acta Chim. Slov., 58 (2011) 802-810.IF:0.69
42. Singh, V.*, Tiwari, A., Singh, S. P., **Premlata**, Tiwari S. Ceric ammonium sulphate/ sodium disulfite initiated grafting of acrylamide on to Cassia reticulata Seed Gum" J. Appl. Polym. Sci., 110(3), (2008) 1477-1484.IF:1.77
43. Singh, V.*, Sharma, A. K, **Kumari P.**, Tiwari S. Efficient chromium(VI) Adsorption by Cassia marginata Seed Gum Functionalized with Poly(methylmethacrylate) Using Microwave Irradiation. Ind. Eng. Chem. Res., 47 (15)(2008) 5267–5276. IF:2.59
44. Singh, V.*, **Kumari P.**, Pandey S., Narayan T. Removal of chromium (VI) using poly(methylacrylate) functionalized guar gum", Bioresour. Technol., 100(6) (2008) 1977-82. IF:4.49
45. Singh, V.*, **Premlata**, Tiwari, A., Sharma, A. K. Alumina supported synthesis of Cassia marginata gum-g-poly(acrylonitrile) under microwave irradiation. Polym. Advan. Technol., 18 (5) (2007) 379-385. IF:1.76
46. Singh, V.*, Tiwari, A., **Kumari, P.,** Sharma, A. K. Microwave accelerated synthesis and characterization of poly (acrylamide). J. Appl. Polym. Sci., 104 (2007) 3702–3707. IF:1.77
47. Singh, V.*, Tiwari, A., **Kumari P**., Tiwari S. Microwave promoted hydrolysis of plant seed gum on Alumina Support. Carbohydr. Res., 341 (2006) 2270-2274. IF:1.93

Book:

1. Amit B. Patel, Kishor H. Chikhalia, **Premlata Kumari**, Quinoline fused Benzimidazoles and their Pharmacological Evaluations, 2014. Editor: L. Thompson, **Lambert Academic Publishing**, **ISBN**: 978-3-659-61440-8.

Book Chapters:

1. **Premlata Kumari**, Kajalben B. Patel and Amit B. Patel, Piperidine Analogs as Antioxidants and Anticancer Agents, Advances In Chemistry Research Volume 60, Nova Science Publishers, Inc.,147-192, 2020. ISBN: 978-1-53617-449-6
2. Amit B. Patel and **Premlata Kumari**, An Overview of Piperidine Derivatives as Antipsychotics, Advances In Chemistry Research Volume 60, Nova Science Publishers, Inc.,211-238, 2020. ISBN: 978-1-53617-449-6.
3. Ajayrajsinh R. Zala, Azazahemad Kureshi and **Premlata Kumari**, Benzathiazole Analogs as Anticonvulsant and Anticancer Agents, Chemistry Research And Applications Benzothiazole Preparation, Structure And Uses, Nova Science Publishers, Inc.,71-98, 2020. ISBN: 978-1-53617-548-6.
4. Singh R.; **Kumari P. ;** Kumar S. Nanotechnology in Food Industry Volume V: Nutrient delivery in Grumezescu Alexandru eds.,Nanotechnolgy for enhanced bioactivity of Bioactive phytochemicals, Elsevier(2017) ebook ISBN 978-0-12804-375-2.
5. **Kumari P.** Nanomaterials as promising DNA Biosensors in Songjun Li eds., Biosensors Nanomaterials, Wiley-VCH (2011); ISBN 978-3-527-32841-3
6. **Kumari P.**; Tiwari A.; Prabaharan M.; Li S. Smart Polymeric Materials Emerging for Biological Applications, in Songjun Li eds., Smart Polymer Materials For Biomedical Applications, Nova Science Publishers (2011); ISBN: 978-1-60876-192-0
7. Tiwari A.; Prabaharan M.; Kumari P.; Li S. pH-Responsive Redox Copolymers Based on Chitosan-co-polyaniline for Biosensor Applications in Songjun Li eds., Smart Polymer Materials For Biomedical Applications,Nova Science Publishers (2011); ISBN: 978-1-60876-192-0
8. **Kumar P.**, Tiwari A. Polyacylamide Grafted onto Polysaccharides applied as biodegradable Drag Reducing Agents and Flocculants in AshutoshTiwari eds., Polysaccharides: Development, Properties and Applications, Nova Science Publishers (2010); ISBN: 978-1-60876-544-7
9. Tiwari A., Prabaharan M., Pilla S., Shukla S. K., Rahatgaonkar A.M., **Kumari P.**, Li H., Li S. Stimuli responsive Redox gum Arabic and polyaniline copolymers capable of Biosensors applications in AshutoshTiwari eds., Polysaccharides: Development, Properties and Applications, Nova Science Publishers (2010); ISBN: 978-1-60876-544-7
10. **Kumari P.**, Tiwari A., Mishra A.K., Rai R. S., Mishra S.B. Hydrogel nanocomposites in biology: design and applications" in AshutoshTiwari eds., Recent Developments in Bio-Nanocomposites for Biomedical Applications, Nova Science Publishers (2010); ISBN 978-1-61761-513-9
11. Tiwari A., Mishra A.K., Rai R. S., Mishra S.B., Cao S., Mishra R., Shukla S.K., Bhadoria S. **Kumari P.**, Prabharan M. Sol-Gel Derived SiO2-Chitosan/Carbon Nanotubes- Promising Matrices for Bio-Recognition Events in AshutoshTiwari eds., Recent Developments in Bio-Nanocomposites for Biomedical Applications, Nova Science Publishers (2010); ISBN 978-1-61761-513-9

ORGANIZED STTP:

Convener and coordinator: STTP on Current Scenario in Chemical Sciences and Technology (CSCST-2017) during Jan 25-29, 2017.

Convener and coordinator: STTP on Recent Trends in Applied Chemical Sciences and Technology (RTACST-2016) during Oct 17-21, 2016.

Convener: STTP on "Sophisticated Analytical Techniques in Surface Chemistry (SATSC-2016) 19th-23rd September 2016 organized by Applied Chemistry Department, SVNIT, Surat.

Organizing Coordinator: STTP on "Advanced Analytical Techniques for Materials Characterization (AATMC-2015). 23rd – 27th February 2015 organized by Applied Chemistry Department, SVNIT, Surat.

Organizing Coordinator: STTP on Advanced Materials, Characterization and Applications in Materials Science and Engineering (AMCAME-2013)".2nd – 6th September' 2013 organized by Applied Chemistry Department, SVNIT, Surat.

Joint Organizing Secretary: 14th International Conference of International Academy of Physical Sciences (CONIAPSXIV) on Physical Sciences Interface with Humanity 22nd -24th December 2011 organized by SV NIT, Surat.

Organizing Co-Coordinator: Internship programme INSPIRE 20th -24th December 2010 and 12th -16th February, 2011 organized by Applied Chemistry Department, SVNIT, Surat.

Organizing Coordinator: STTP on "Recent developments and Future Trends of Nanotechnology in Modern Science" 21st – 25th December 2009 organized by Applied Chemistry Department, SVNIT, Surat.

Invited Talk/Lectures

1. ICAR sponsored Winter School on "Processing Value Addition and Waste Utilization of Medicinal and Aromatic Plantswith Advance Techniques organized by Directorate of Medicinal and Aromatic Plants Research, Boriavi, Anand on 19 Dec, 2018. Topic: Medicinal plants in tackling the diseases of public health importance.
2. STTP on Current Scenario in Chemical Sciences and Technology (CSCST-2017) during Jan 25-29, 2017.
   Invited Lectures: Extraction and isolation strategies of natural products.
   Synthetic analogues of natural bioactive Compounds via chemical modifications
3. STTP on Recent Trends in Applied Chemical Sciences and Technology (RTACST-2016) during Oct 17-21, 2016.
   Invited Lectures: 1,3,5-triazine based bioactive analogues and correlation in their structure and activity.
   Extraction of natural products.
4. ICAR sponsored Winter School on Bioactive Compounds from Medicinal Plants: A Wealth of Novelties and Opportunities organized by Directorate of Medicinal and Aromatic Plants Research, Boriavi, Anand on 20 Dec, 2016.
   Invited lecture: Synthetic analogues of natural bioactive Compounds by chemical modifications.
5. STTP on Long life researcher organized by SVNIT, Surat on 10 Feb, 2016.
   Invited Lecture: Research and research methodology.
6. A Model Training Course (MTC) on Value Addition and Post-Harvest Management in Medicinal and Aromatic Crops organized by Directorate of Medicinal and Aromatic Plants Research, Boriavi, Anand on 9 Dec, 2015.
   Invited Lecture: Chemical modifications for value addition in medicinal crops.
7. 5th Annual Congress of International Medichem-2014 at Suzhou, China on 19Nov, 2014.
   Invited Lecture: S-triazine and Quinazoline Derivatives:Potential Anticancer PC3 Cells
8. STTP on Advanced Materials, Characterization, Applications in Materials Science and Engineering organized by SVNIT, Surat on Sept 6' 2013.
   Invited Lecture: Structure activity relationship (SAR) of 1,3,5-triazine derivatives
9. National Carbohydrate Conference CARBO XXIV organized by ACCT(I) at Lachoo memorial college of Science and technology, Jodhpur on Dec 8'2009.

Research Guidance

Supervision of awarded Doctoral Thesis – 4

Dr. Rahul V. Patel: Studies of in vitro bioassay of newly synthesized 1,3,5-triazine and 1,3,4-oxadiazole derivatives. Cosupervisor: Prof. K. H. Chikhalia: Dec 2011

Dr. Divyesh K. Patel: Antimicrobial and antimycobacterial studies of newly synthesized s-triazine and coumarin analogs: May 2013

Dr. Amit B. Patel, Thesis Title: Chemical strategies towards the synthesis of rationally designed heterocycles and their pharmacological evaluations. Cosupervisor: Prof. K. H. Chikhalia: Feb. 2015

Dr. Sonia Lakhotia, Thesis Title: Preparation and Characterization of Thin-film Nanocomposite (TFN) Membrane and its Application for Water Treatment.. Cosupervisor: Dr. Mausumi Mukhopadhyay, CHED: Feb. 2020

Supervision of awarded M.Sc. dissertations – 13

Mr. Mohak Desai B. , Title: Synthesis of Novel Piperazine and Piperidine Derivatives as Potential Antimicrobial Agents.: July 2012

Mr. Nirmal M. Chhatriwala, Title: *In Vitro* Biological Investigation of Novel Piperazine Based Heterocycles: July 2012

Ms. Juhi Charkhawala, Title: Invitro anticancer activity and phytochemical ananlysis of *Portulaca oleracea* leaves: July 2014

Ms. Arti Patel, Title: Dimethylglycine/Pd(OCOCH3)2 for Suzuki coupling in aqueous media and aerobic condition.: July 2014

Mr. Harish Parik: Screening of Ashwagandha germplasm(*Withania somnifera*) for total phenolic content.:July 2015

Ms. Ishita Bhowmick: Synthesis and antitubercular activity of some novel 1,2,4-triazole derivatives.: July 2015

Mr. Nirav Ghinaiya: Synthesis, antibacterial and antifungal activity of Quinoline derivative. June 2019

Ms. Seema yadav: Synthesis, antibacterial and antifungal activity of Quinoline derivative. June 2019

Mr. Lokesh Meena: Extraction and biological activity of *Acacia nilotica* L. June 2019

Mr. Sunil Kumar: Biological activity of *Punica granatum* peel powder. June 2019

Mr. Devasani Vinay Kumar: Synthesis Of New 4,6-Diamino S-Triazine Derivatives As A Promising Bioactive Scaffold. 2020

Mr. Dheeraj Kumar Meena: Synthesis Of New 4, 6-Diamino S-Triazinyl-2h-Chromen-2-One Derivatives As A Promising Bioactive Scaffold: 2020.

Ms. Zalak D. Chavda: Synthesis Of New Triamino 1,3,5-Triazine Derivative As A Potential Bioactive Agent: 2020

1. ***Supervision of Doctoral Thesis, under progress – 4***

Mr. Azazahemad Kureshi(Thesis submitted)
Mr. Ajayrajsinh Zala
Ms. Kajal Patel
Mr. Mahesh Vagashiya

Other Details

Visited Foreign Institutes:Harvard University, MIT, University of Boston , Roger- Williams University, Brown University and Salve Regina University

Member Reviewers committee of, Elsevier, ScholarOne, and many other journals.

Membership Professional bodies:

Life Member of Indian Chemical Society (LM No: 7440)
Life member of Indian Council of Chemist (LM No. 1384)
Life Member of Medicinal and Aromatic Plant Association of India (MAPAI)(LM No. 363)
Member of Society for Ethnopharmacology (SFE/19/I-1376)
Indian Science Congress (L30791)

(Dr. Premlata Kumari)