

Summary of credentials of Dr. Pritee Chunarkar Patil as Asst. Professor in the Department of Bioinformatics, RGITBT, BVDU, Katraj, Pune - 411046.

Pritee Mangesh Patil (Chunarkar)

Address: Y-603, Hubtown Countrywoods, Akriti City, Tilekar Nagar, Katra-Kondhawa Road, Pune 411048

DOB- 25/07/80

Current Position: Asst. Professor

Organization: Bharati Vidyapeeth Deemed University, Rajiv Gandhi Institute of IT & Biotechnology, Katraj, Pune - 411046

Educational Qualification:

- Ph.D. thesis entitled '**Analysis of microbial diversity in potable water sources in Pune city: A Metagenomics Approach**' under the faculty of Science (Biotechnology) of Bharati Vidyapeeth Deemed University, Pune, **under the guidance of Dr. V.S. Tale.**
- Cleared PAT (Ph. D. Aptitude Test) for Sant Gadge Baba Amravati University, Amravati in **2006.**
- Advanced Diploma in Bio-informatics from Bioinformatics Center, University of Pune, Pune, July **2005.**
- Master of Science (Micro-biology) from Amaravati University, Amravati, July **2004.**
- Bachelor of Science (Chemistry, Botany, Micro-biology) from Shivaji Science College, Amaravati University, Amravati, July **2002.**

Professional Experience:

- Currently working as **Assistant Professor and Course Coordinator** in Bioinformatics Department, Rajiv Gandhi Institute of IT & Biotechnology, Bharati Vidyapeeth Deemed University, Katraj, Pune. (From 1st Aug 2008 to till date).
- Worked as a **Research Assistant** in Biotechnology & Bioinformatics Department, Rajiv Gandhi Institute of IT & Biotechnology, Bharati Vidyapeeth Deemed University, Katraj, Pune. (From 1st February 2007-30th July2008).
- Worked as a **Course Coordinator** and **Lecturer** of Bioinformatics in the Arihant College of Management and Information Technology (ACMIT), Camp, Pune. (From 1st July 2006 – 30th Jan. 2007).

Industrial Experience:

- Worked as a Chemist (Microbiology) in Quality Control cell at Maestro Industry, Kinley Mineral Water, Kusagaon, Pune (January – June 2006).
- Worked as Project Assistant under the guidance of Dr. Nitin Bore (Agriculture & Agribusiness) for the commercial project “Effect of Organic Manures on Soil Analysis” (Sept. - December 2005).

Publications:

International

1. Pharmacoinformatics approach based identification of potential Nsp15 endoribonuclease modulators for SARS-CoV-2 inhibition. Rutuja Umesh Savale, Shovonlal Bhowmick, Sameh Mohamed Osman, Fatmah Ali Alasmay, Tahani Mazyad Almutairi, Dalal Saied Abdullah, **Pritee Chunarkar Patil**, Md Ataul Islam, Archives of Biochemistry and Biophysics 700 (2021) 108771

2. Metagenomic analysis of Dam Reservoirs in Pune city for bacterial fingerprints through BLAST and Kaiju tool, **Pritee Chunarkar Patil***, Darshit Ashokkumar Patel and Vidya Sunil Tale, BIOSCIENCES BIOTECHNOLOGY RESEARCH ASIA, December 2020. Vol. 17(4), p. 839-852
3. Multi-step molecular docking and dynamics simulation-based screening of large antiviral specific chemical libraries for identification of Nipah virus glycoprotein inhibitors Malti Sanjay Kalbhor, Shovonlal Bhowmick, Amer M. Alanazi, **Pritee Chunarkar Patil**, Md Ataul Islam, Biophysical Chemistry 270 (2021) 106537
4. An analysis of non-cultivable bacteria using WEKA, **Patil PC***, Panchal PS, Madiwale S, Tale V. Bioinformation. 2020; 16 (8):620-4.
5. Structure-Based Screening of DNA GyraseB Inhibitors for Therapeutic Applications in Tuberculosis: a Pharmacoinformatics Study, Tambe PM, Bhowmick S, Chaudhary SK, Khan MR, Wabaidur SM, Muddassir M, **Patil PC**, Islam MA. Applied Biochemistry and Biotechnology. 2020 Jul 20:1-7.
6. De novo design based identification of potential HIV-1 integrase inhibitors: A pharmacoinformatics study, Shinde PB, Bhowmick S, Alfantoukh E, **Patil PC**, Wabaidur SM, Chikhale RV, Islam MA. Computational Biology and Chemistry. 2020 Oct 1; 88: 107319.
7. *In silico* identification of small molecule modulators for disruption of Hsp90–Cdc37 protein–protein interaction interface for cancer therapeutic application, Prajakta Prakash Dike, Shovonlal Bhowmick, Gaber E Eldesoky, Saikh M Wabaidur, **Preeti Chunarkar Patil**, Md Ataul Islam, Journal of Biomolecular Structure and Dynamics. 2020 Oct 20:1-7.
8. Zika Virus: An Emerging Threat, Surbhi Tajane Prajakta Mambayil, Pritee Chunarkar, Asian Journal of Microbiology, Biotechnology & Environmental Sciences. 2020 22(1): 147-157
9. Computational screening of promising beta-secretase 1 inhibitors through multi-step molecular docking and molecular dynamics simulations-Pharmacoinformatics approach, Shruti Gupta, Devendra Parihar, Mokshada Shah, Shivali Yadav, Husain Managori, Shovonlal Bhowmick, Preeti Chunarkar Patil, Siham A Alissa, Saikh Mohammad Wabaidur, Md Ataul Islam, Journal of Molecular Structure 1205, 127660, 2020

10. Identification of potential cruzain inhibitors using *de novo* design, molecular docking and dynamics simulations studies, Shovonlal Bhowmick, Rekha Dhondiram Chorge, Chaitanya Sadashiv Jangam, Lomate Dhanraj Bharatrao, **Pritee Chunarkar Patil**, Rupesh V. Chikhale & Md. Ataul Islam, Journal of Biomolecular Structure and Dynamics, 2020
<https://doi.org/10.1080/07391102.2019.1664334>
11. Pharmacoinformatics-based identification of anti-bacterial catalase-peroxidase enzyme inhibitors, Chaitanya Sadashiv Jangam, Shovonlal Bhowmick, Rekha Dhondiram Chorge, Lomate Dhanraj Bharatrao, **Pritee Chunarkar Patil**, Rupesh V Chikhale, Nora Abdullah AlFaris, Jozaa zaidan ALTamimi, Saikh Mohammad Wabaidur, Md Ataul Islam, Computational biology and chemistry 83, 107136, 2019 02 October 2019
12. Virtual Reality in Bioinformatics, Tanisha Batra and **Pritee Chunarkar-Patil***, Open Access J Sci. 2019;3(2):63–70 March 29, 2019
13. Big Data Analytics, **Pritee Chunarkar-Patil*** and Akshanda Bhosale, Open Access J Sci. 2018 ; 2(5):326–335(September 24, 2018)
14. Extraction of Metagenome from Potable Water to Analyze Microbial Fingerprints, **Pritee Chunarkar-Patil*** and Vidya Tale, Open Access J Sci 2018, 2(3): 00047 February 14, 2018
15. Determination of Uncultured Microorganisms Based on Metagenomics Signature or Biomarkers at Fresh Water Reservoirs, Pradnya S. Panchal, Harshada V. Bhairavkar, **Pritee Chunarkar-Patil***, Open Access J Sci 2018, 2(1): 00036 January 10, 2018
16. Metagenomics: Tools and Techniques for Data Analysis, P. Panchal, **P. Chunarkar-Patil***, International Journal of Pharma and Bio Sciences, 2017 July; 8(3): (B) 769-778, ISSN 0975-6299
17. Metagenomics Sequencing Methodologies: Review, **Pritee Chunarkar Patil**, Asian Journal of Natural & Applied Sciences Vol. 5(2) June 2016 : 1- 8 , E-2186-8476, P-2186-8468
18. Identification of structural requirements of estrogen receptor modulators using pharmacoinformatics techniques for application to estrogen therapy, Md. Ataul Islam, Darshakkumar Ashokbhai Patel, Savansinh Ghanshyamsinh Rathod, **Preeti Chunarkar**, Tahir S. Pillay, Med Chem Res., Springer US, Res (2016) 25:407–421.
19. CES Catalysed Ecofriendly Synthesis of 4-Bromo-2-Acetyl-1-Naphtholdihydropyrimidinone in PEG 400 and Study of their Antimicrobial Activity,

Dasharath M. Chavhana* Shrikant S. Patilb, Nandkishor D. Gavhalec, **Priti Chunarkar**
Human Journals, Research Article, October 2015 Vol.:4, Issue:3, International Journal of
Pharmacy and Pharmaceutical Research

20. Synthesis of complex of l-Glutamic acid with Mn (II) and its inhibition activity against pathogens, M. M. Kodape, N. D. Gawhale, **P. N. Chunarkar**, M. M. Mahajan, R. N. Tong, International Journal of Researches in Biosciences, Agriculture & Technology, January 2014, Issue-2, Volume-1, ISSN No. 2347-517X (online), 553-557.
21. Molecular Modelling Studies on Chemometric Properties of Protein Tyrosine Kinase Inhibitors for Indolinone Derivatives Trishna Kushwaha, Neha Verma, Garima Kandpa, Faiz Khateeb, **Pritee Chunarkar**, Md Ataul Islam, Asian Journal of Biomedical and Pharmaceutical Sciences; 3(27) 2013, 9-14.
22. Insilico Analysis of Gyrase Subunits A And B In Prokaryotes, Sumeet R. Deshmukh, **Pritee Chunarkar** and Md Ataul Islam, International Journal of Pharmacy and Pharmaceutical Sciences, ISSN- 0975-1491 Vol 5, Suppl 4, 2013.
23. Fluorescein Derivative: Synthesis and Significance of 2-(7,8-dihydro-10-methyl-3,8-dioxo-3H-benzo[b]xanthen-12-yl) Benzoic acid, M. M. Kodape, N. D. Gawhale, **Pritee Chunarkar**, D. M. Mutkule, International Journal of Pharmaceutical Research Scholars, V-2, I-4, 2013, pp-352-355.

National

1. TAMBEKAR D H, CHUNARKAR P N, Antifungal activities of *Azotobacter* species on soil pathogenic fungi. J basic appl Mycol 2005, 4(1-2), 23-7.

Book/Book Chapters:

1. Darshit Patel and **Pritee Chunarkar Patil***. Chapter 7, on “Biogerontology: Theories of Ageing”, in book “Selected topics in Humanities and social sciences, Dr. Vlasta Hus (Eds), by BP International, Volume 6 (2021), 74-83. ISBN 978-93-5547-047-8 (Print) ISBN 978-93-5547-048-5 (eBook), DOI: 10.9734/bpi/sthss/v6

2. Darshit Patel and **Pritee Chunarkar Patil***. Chapter 9 on “Freshwater Metagenomics: Overall Scenario”, in book “Metagenomics and Microbial Ecology: Techniques and Applications (1st ed.)”, De Mandal, S., Panda, A.K., Kumar, N.S., Bisht, S.S., & Jin, F. (Eds.). (2021). CRC Press. eBook ISBN 9781003042570, <https://doi.org/10.1201/9781003042570>.

In Press

3. Sarika S. Mane¹, Darshit Patel², **Pritee Chunarkar-Patil^{3*}**, Chapter 36 on “Symbiotic association of gut microbiome in health and diseases at ageing”, in book “Microbial Symbionts: Functions and Molecular Interactions on Host”, Dr. DHARUMADURAI DHANASEKARAN (ED) (2022) by Elsevier.
4. Darshit Patel¹, **Pritee Chunarkar-Patil^{2*}**, Sarika S. Mane³, Chapter 47 on “Host Microbial Symbiotic Relationships in Sponges”, in book “Microbial Symbionts: Functions and Molecular Interactions on Host”, Dr. DHARUMADURAI DHANASEKARAN (ED) (2022) by Elsevier.

Research Projects:

- Minor Research Project granted by BCUD worth Rs. 1, 00,000/- entitled “**Screening of bioactive molecules of Madhav Rasayan and its molecular docking study against SARS-cov-2 structurally conserved NSP**”, for the period of 2021-22.

Status – Just granted

- Minor Research Project granted by BCUD worth Rs. 50,000/- entitled “Bacterial metagenomics study of Mula & Mutha Rivers of Pune city-Part A”, for the period of 2011-12.

Status - Completed,

Outcome: 1 review and 1 research Paper published.

- Minor Research Project granted by BCUD worth Rs. 50,000/- entitled “Bacterial metagenomics study of Mula & Mutha Rivers of Pune city-Part B”, for the period of 2013-14.

Status – Completed

Outcome-2 papers published, one copyright

Current Projects:

- **Developed Microbiological Media Database** for a commercial use and seeking copyright for it.

- **Copyright Filling date: 23/12/2015**
- **Dairy Number:13894/2015-CO/L**
- **Copyright Registration of; literary/dramatic**

The official URL of this site is www.bioinfodb.com. Currently database contains 1000 media; we are willing to complete approximately 10,000 media. It is free of cost for all research and scientific community.

- Developed **Metagenomics Microbial Database** and **Metagenomics Data Analysis Tool**. Online available on www.microbiome.bioinfodb.com .Seeking copyright for it. Domain name for all my databases are; www.bioinfodb.com

- Developed **Life Science Protocol Database**. Seeking copyright for it.

The official URL of this site is www.devbioinfodb.com

Currently giving consultancy for;

- NGS data analysis
- Microarray data Analysis
- In vitro to in-silico drug development
- Database development
- Algorithm development
- Biological data Mining

Conferences /Workshops organized:

International:

- Organized an International workshop on “**Batch and Bioprocess Modeling, Cost Analysis, Production Scheduling and Debottlenecking**” by **Dept. of Bioinformatics**, Rajiv Gandhi Institute of IT & Biotechnology, BVDU and Opteamates Chemical Process Optimization Solutions (P) Ltd., Pune held during **22nd and 23rd February 2010**.
- Organized International Workshop on “**Next Generation Sequencing: Equity Bulls**”, by Dept. of Bioinformatics, RGITBT and Persistent Systems Pvt. Ltd. ,Pune held on **19th to 22nd October, 2011**

National:

- Organized **Seminar-cum Hands-on Training on Bioinformatics**, (Next Generation Sequencing, Systems Biology and Drug Design) Jointly organized by LifesitterTechnologies Pvt.Ltd. and RGITBT, Bharati Vidyapeeth Deemed University, Pune, January 19 –20, 2018
- Organized “**Advance Molecular Biology & Bioinformatics Workshop**” by **Dept. of Bioinformatics**, Rajiv Gandhi Institute of IT & Biotechnology, BVDU and Himedia, held during **27-31 December, 2011**
- Organized **Advanced Biotechnology Workshop** by Dept. of Bioinformatics, Rajiv Gandhi Institute of IT & Biotechnology, BVDU and Labindia, held during **21-28 November, 2010**.
- Organized and participated in the AISP Biotrac Program “**Applications of Optical Microscopy**” by Dept. of Bioinformatics, Rajiv Gandhi Institute of IT & Biotechnology, BVDU and Labindia, held during **8th to 10th March 2010**.
- Organized and participated in seminar on “**Consortium of Industry and Academia in Biotechnology- A Need of the Hour**”, **Dept. of Cell & Molecular Biology**, by Rajiv Gandhi Institute of IT & Biotechnology, BVDU and Maratha Chamber of Commerce, Industries and Agriculture (MCCIA), Pune held on **22nd December 2008**.

State level:

- Dept. of Bioinformatics, RGITBT, BVDU organized workshop on “ **Next Generation Sequencing**” on 1st - 4th March 2016 (10 Participants attended the workshop)
- Dept. of Bioinformatics, RGITBT, BVDU organized workshop on “ **Drug Designing**” on 13th - 14th February 2016 (21 Participants attended the workshop)
- RGITBT, BVDU organized workshop on “ **Next Generation Sequencing** ” on 24th - 27th December 2015 (10 Participants attended the workshop)

Resource Person in Conferences /Workshops/Seminars/Webinars:

- **Resource Person for** Virtual National workshop on “**Bioinformatics**” organized by sanjivani Arts Commerce and Science College, Kopagaon, Dist. Ahmednagar, India on 25 and 26 March 2022. (Upcoming Event)
- **Resource Person for** Virtual National workshop on “**Basic Techniques in Bioinformatics**” organized by Vihaan Life Sciences and Research Centre, in association with Microbiologist Society, India on 26th and 27th June 2021
- Delivered a talk on “DATA ANALYSIS and DATA Centres: Need of the hour”, for **NATIONAL SUMMIT 2020** Innovation in Biotechnology Era -2020, organized by Ministry of Health and Family Welfare, GOV and JAX Foundation during 17th - 18th October 2020.

Conferences /Workshops/Seminars/Webinars attended:

- Participated in National Level Workshop “Six – Days Faculty Development Program on “Development of MOOCs”, held by Bharati Vidyapeeth (Deemed to be University), Pune Internal Quality Assurance Cell (IQAC) and Center for Distance and Online Education (CDOE), Pune during 17 January 2022 to 22 January 2022.(Online mode)
- Attended national Assessment and Accreditation Council’ s webinar on Virtual interaction meet with stakeholders of Maharashtra regarding NAAC s A and A Process on 7th October 2021.(online mode)

- Participated and presented paper “Analyzing Non cultivable bacteria through WEKA” in State Level Seminar:-"Recent Trends in Life Sciences”, held at R-JSPM, Bhosari, Pune, Pune during February 07-08, February 2020.
- Participated in the Symposium on “Accelerating Biology 2019, towards thinking machines”, held at C-DAC, Pune during February 05-07, 2019.
- Attended “3rd National Conference on Data Mining & ICT”, organized by Allana Institute of management Sciences in association with Savitribai Phule Pune University on 13-14th February 2016.
- Participated in the Symposium on “Accelerating Biology 2016, Decoding the Deluge”, held at C-DAC, Pune during January 19-21, 2016.
- Attended workshop on “Internet of Things” organized by Singhgad Engineering Institutes, Pune on 29th January 2015.
- Participated in Seminar on “Quality Improvement Schemes of various Funding Agencies”, conducted by Academic Staff College, BVDU, Pune held on 19th October 2013.
- Attended workshop on “Teaching Kits in Molecular Biology Techniques” organized by Himedia and Modern College, Pune held on 27th July 2013.
- Attended the Symposium on “Accelerating biology 2013, the next wave”, held at C-DAC, Pune during February 20-22, 2013.
- Attended UGC sponsored national seminar on “Applications of Mathematics and Statistics in Research Methodology” organized by Dept. of Mathematics and Statistics, Bharati Vidyapeeth Deemed University, Yashwantrao Mohite College, Pune held on 29th February, 2012.
- Participated and presented poster “Bacterial diversity through Metagenomics” in the Symposium on “Accelerating biology 2012, Computing to Decipher”, held at C-DAC, Pune during February 15-17, 2012.
- Participated and worked as resource person in “11th State Level Microbiological Contest”, organized by Dept. of Microbiology and Biotechnology, R.C. Patel Arts, Science and Commerce College, Shirpur held on 27th January, 2012.

- Participated in “Advanced Training in Compound and Stereomicroscope “for the faculty of RGITBT organized by LabIndia Ltd., Thane on 6th October, 2010.
- Participated in “Advanced Training on Fluorescence Microscopy and its Software Analysis”, for the faculty of RGITBT organized by Dr. Satyajit Aher, application specialists for Leica (LabIndia) Thane , held on 14th October, 2010.
- Attended seminar on “Awareness Programme on JCCC@UGC INFONET”, organized by Dental College and Hospital, BVDU, Pune held on 19th December 2008.
- Attended National level Symposium on “Genes to Drug Designing”, organized by Centre for Development of Advanced Computing (C-DAC), Pune held during 25th to 26th April 2008.
- Participated in National Workshop on “Application of Bioinformatics and QSAR in Drug Design” organized by Indira college of Pharmacy in Collaboration with Vlife Sciences Tech. Pvt. Ltd. Pune held during 18th to 20th February 2008.
- Attended International Conference on “Fifty years of Discovery of Triple Helical Structure of Collagen: Progress and Perspective.” held at University of Pune, from 21-22 January 2005.
- Attended International Conference on “Mathematical Chemistry” held in at University of Pune, February 2005.
- Participated at the “NSD-2004, Encouraging Scientific Awareness in the Community” at Amaravati University, Amravati, from 26th February – 03rd March 2004.
- 2nd Prize winner at the “NSD-2003, 50 Years of DNA and 25 Years of IVF-The Blueprint of Life” at Amaravati University, Amravati, from 24-28th February 2003.

Conference Proceedings:

1. Pritee Chunarkar-Patil and Pradnya Panchal, Analyzing Non cultivable bacteria through WEKA Presented in State Level Seminar on "Recent Trends in Life Sciences", held at RJSPM, Bhosari, Pune on 7th February 2020.
2. Aditi Gupta, Jayant Pawar, Amey Deshmane, Ankita Galinde, **Pritee Chunarkar**, Manish Shinde, E. A. Singh*, “Antagonistic activity of zinc oxide nanoparticles synthesized by semi-solve thermal method against food borne pathogens”, presented in

National conference on “Innovative Research in Life Sciences”, held at Singhgad College of Science on 26-27th February 2016.

3. Aashish Behal, Aishwarya Pisal, Kaalindi Misra, Nishikant pandhare, Shiwani Veer and **Pritee Chunarkar Patil***, “Evolution of Android Apps for Health care with Artificial Intelligence”, , in **3rd National Conference** on Data Mining & ICT (NCDM 2015-16) on 13th & 14th February 2016.
4. N. D. Gawhale, M. M. Kodape and **P. N. Chunarkar**, Synthesis of 4-methyl-8 phenylpyranol (3,3-f) chromene-2,10 dione and inhibition activity against different pathogens, **International Conference** on Futuristic Materials and Emerging Trends in Forensic and Life Sciences (ICFM-2015) jointly organized by Dept. of Chemistry, Rashtrasant Tukadoji Maharaj Nagpur University, S.K. Porwal College, Kamptee and Institute of Forensic Science , Nagpur on 5-7th February 2015.
5. Manisha M. Kodape^{1*}, Nandkishor D. Gawhale², **Pritee N. Chunarkar**³, Sayali S. Ingle⁴ , Synthesis of 4,8-Dimethylpyrano[2,3-f]Chromene-2,10-Dione And Its Inhibition Activity Against Some Pathogens, **International Conference** on Global Opportunities for Latest Developments in Chemistry and Technology (GOLDCT-2014), February 06-08, 2014, The School of Chemical Sciences, North Maharashtra University, Jalgaon.
6. Manisha M. Kodape^{1*}, Nandkishor D. Gawhale², **Pritee N. Chunarkar**³, Mrunal M. Mahajan⁴, Rupali N. Tong⁵ , Synthesis of Complex of L-Glutamic Acid with Mn (II) and Its Inhibition Activity Against Pathogens, **National Conference** on applications of advanced materials and sustainable development, 17rd - 18th January 2014, Dr. Ambedkar College Dikshawbhoomi, Nagpur.
7. M.M. Kodape^{1*}, N.D. Gawhale², **Pritee Chunarkar**³, D. M. Mutkule¹ Fluorescein Derivative: Synthesis and Significance of 2-(7,8-dihydro-10-methyl-3,8-dioxo-3H-benzo[b]xanthen-12-yl)benzoic acid, National Conference on **National Conference** on Frontier Areas in Chemistry (NCFAC -2013), 23rd to 24th Oct. 2013, Department Of Chemistry, Shri Shivaji Education Society Amravati^s, Shri Shivaji Science College, Amravati.
8. Parag Ulke, Pritee Chunarkar, Anuja V. Nawarange and Md Ataul Islam, Chemometric Design of Estrogen Receptor Modulators for Selective Receptor Inhibition, **2nd UK-India MedChem Congress 2013**, Indian Institute of Chemical Technology, Hyderabad, 22-23

March'2013.

9. Trishna Kushwaha, Neha Verma, Garima Kandpal, Faiz Khateeb, Pritee Chunarkar and Md Ataul Islam, Chemometric design of protein tyrosine kinase inhibitors for indolinone derivatives, **5th International Symposium** on Current Trends in Drug Discovery Research, Central Drug Research Institute, Lucknow, India, 26-28 February'2013.
10. M.M. Kodape^{1*}, N.D. Gawhale², Pritee Chunarkar³, D. M. Mutkule¹ Fluorescein Derivative: Synthesis and Significance of 2-(7,8-dihydro-10- methyl-3,8-dioxo-3H-benzo[b]xanthen-12-yl) Benzoic acid, **National Conference** on Current Advances in Biotechnology & Annual Meeting of Society for Biotechnologist, 25-26 Nov., 2013 at Department of Biotechnology, Sant Gadge Baba Amravati University, Amravati, Maharashtra- 444 602 , INDIA.
11. Sumeet R. Deshmukh, Minesh Jethwa, Pritee Chunarkar and Md Ataul Islam^{*}, Insilico Approach to Construct non mutant Peptide Sequence for HIV GP 120 and validation confirmed in Docking studies, **National Conference** on “Recent Advances in Computational Drug Design” organized by IISc Bangalore & Schrödinger on 16-17th Sept. 2013.
12. Neha Kulkarni , Supriya Kulkarni , Sumeet R.Deshmukh, Preeti Chunarkar and Md. Ataul Islam^{*}, Computationally studies of Pharmacophore qsar and docking Hit to Yield Catechol Diethers as Potent Anti-reverse transcriptase Agents, **National Conference** on “Recent Advances in Computational Drug Design” organized by IISc Bangalore & Schrödinger on 16-17th Sept. 2013.
13. Shipra Raturi, Sailee Bendre, Farahdeeba Sheikh, Pritee Chunarkar and Md Ataul Islam^{*}, Molecular modelling study of PPAR γ ligands for the therapeutic application in the treatment of Type-2 diabetes, **National Conference** on “Recent Advances in Computational Drug Design” organized by IISc Bangalore & Schrödinger on 16-17th Sept. 2013.
14. **Mrs. Pritee Chunarkar** & Mrs. Snehil Jaiswal, Microbiological Media Development, Symposium on “Accelerating biology 2012, Computing to Decipher”, held at C-DAC, Pune during February 15-17, 2012.

Co-curricular Activities:

M.Sc. & B.Sc. Project & Review Guidance:

- M.Sc. Bioinformatics Dissertation guided: 34
- M.Sc. Biotechnology Dissertation guided: 6
- M.Sc. Medical Biotechnology Dissertation guided: 3
- M.Sc. Biotechnology Survey Projects guided: 17
- B.Sc. Biotechnology Review Projects guided: 22

Extracurricular Activities:

- Consultant at Eduplus now, Pune.
- Scientific advisor for gut microbiome at Centenarians Life Sciences, Bangalore
- Reviewer for Indian Chemical Society, Elsevier
- Rosalind membership of London press
- Editorial board member of eLifePress
- Member of Board of Studies, BVDU for interdisciplinary courses from 2017.
- Member of the committee on Students Council & Placement on RGITBT from 2011.
- Working as a Website Coordinator for RGITBT, BVDU, Pune from 2009 to till date.
- Member of Committee on Cultural Activity on RGITBT, BVDU, Pune from 2009 to till date.
- Course coordinator of Advanced Diploma in Bioinformatics (ADB) and M.Sc. Bioinformatics from 2008 to till date.

References:

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