

- 1) **Full Name** : DR. ANVITA D. MANGTE
- 2) **Designation** : Assistant Professor
- 3) **Qualification** : M. Sc. Ph.D, B.Ed
- 4) **Teaching Experience** : 21years
- 5) **Research Work** : Recognized Guide for Ph. D. (Chemistry and Applied Chemistry),  
Sardar Patel University.
- a) Ph. D. Guidance: One student is registered for Ph.D (Synopsis submitted)
- b) M. Phil. Guidance : Two students completed M. Phil.(Chemistry)
- 6) **Research Paper Publications:**

S. N.	Title of the Research Paper	Journal Name/ Volume/Issue	ISSN No.	Authors	Publisher
1	Synthesis of N- and S-bis protected lactosyl isothiobiurets	Carbohydrate Research, 342(5), 753-756 (2007)	0008-6215	Anvita S. Dandale, D. V. Mangte & S.P.Deshmukh	Elsevier, UK
2	Synthesis and Antimicrobial activity of N-lactosylated isothiobiurets	Journal of the Indian Chemical Society, 84(12), 1266-1268(2007)	0019-4522	Anvita S. Dandale, Shirish P. Deshmukh	Indian Chemical Society, India
3	Synthesis of some novel per acetylated lactosyl N-carbamides, N-benzothiazolyl carbamides and N-carbamates	Indian Journal of Chemistry, 47B, 613-618(2008)	0376-4699	Anvita S. Dandale, Shirish P. Deshmukh	CSIR, India
4	Novel Peracetylated N-Lactosyl-1, 2, 4-Thiadiazolidin-3-one hydrochlorides: Synthesis and Antimicrobial Studies	Journal of the Korean Chemical Society, 54(3), 287-290(2010)	1017-2548	Anvita S. Dandale, D. V. Mangte & Shirish P. Deshmukh	Korean Chemical Society, Korea
5	Synthesis, characterisation and <i>in vitro</i> antimicrobial evaluation of novel Glycosyl imidothiocabamates	Pharmaceutical Chemistry Journal, 45(6), 369-373 (2011)	0091-150X	Anvita S. Dandale, Shirish P. Deshmukh	Springer, Russia
6	Synthesis and antimicrobial evaluation of protected lactosyl isothioure derivatives	Asian Journal of Chemical and Environmental Research 7(1), 50-54, 2014	0974-3049	Anvita D. Mangte,	AJCER Publication

7	Synthesis and spectral studies of novel thioamido linked glycosyl heterocycles	Heterocyclic Letters, 5(2), 173-176, 2015	2231-3087	<b>Anvita D. Mangte,</b>	Raman Publication
8	“Synthesis of Biginelli reaction products using a heterogeneous catalyst and their characterization”,	Journal of Emerging Technologies and Innovative Research,6(2), 20-31,2019	2349-5162	Hiral Trivedi ,Dinesh Patel,Sachin Shukla& <b>Anvita Mangte</b>	IJ Publication
9	Synthesis and Antimicrobial studies of Novel Glycosyl Thiocarbamides	International journal of Pharmaceutical sciences and research	2320-5148	<b>Anvita D. Mangte,</b> Sadeka Munshi & Riddhi Nayak	Society of Pharmaceutical Sciences and Research
10	Synthesis and Antimicrobial Studies of Novel N-Glycosyl Hydrazino Carbothioamide	Asian journal of chemistry,33(1), 127-131,2021	ISSN: 0970-7077	Riddhi Nayak & <b>Anvita D. Mangte</b>	Asian Publication Corporation
11	Synthesis and Antimicrobial Activities of 1,2,4-Thiadiazolidin-3-thione Hydrochlorides	Indian Journal of Heterocyclic Chemistry, 22(01),77-83, 2022	0971-1627	Riddhi Nayak & <b>Anvita D. Mangte</b>	Connect Journals

## 7) Research paper presentation in Conferences:

- 1) National conference on “Multidisciplinary Research in Science and Technology for healthy lifestyle management” at Shri R.L.T. College of Sciences, Akola, 24<sup>th</sup> January 2020.
- 2) National conference on “Current Trends and advances in Chemical Science” at Dept. of Chemistry, B.K.M. Science college, Valsad, 12<sup>th</sup> January 2020.
- 3) National conference on Sustainable Chemistry: Frontiers & Challenges-2019” at Dept. of Chemistry, Veer Narmad South Gujarat University, Surat, 12<sup>th</sup> March 2019.
- 4) National conference on “Emerging Trends in Science”, at Vidhya Bharati Mahavidyalaya, Amravati, 1<sup>st</sup> & 2<sup>nd</sup> February 2019.
- 5) National conference on “ Medicinal Chemistry at the interface of 21<sup>st</sup> century: An Indian perspective”, at V.P. & R.P.T.P. Science college, Vallabh Vidhyanagar, 28<sup>th</sup> January 2019.
- 6) UGC sponsored "National conference on “Recent advances in chemical sciences” at Dept of Chemistry, Shri Shivaji College of Arts, Commerce and Science, Akola, 26-27 Feb.2018.
- 7) International Conference on “Recent Innovations in Science and workshop on Spectroscopy and its perspectives” at Physics dept., Municipal Arts and Urban Science College, Mehsana, 15-16 Sept.2017.

- 8) The 14th International Electronic Conference on Synthetic Organic Chemistry, Basel, Switzerland, 1<sup>st</sup> -30<sup>th</sup> Nov 2010.
  - 9) 95<sup>th</sup> session of Indian Science Congress at Andhra University, Visakhapatnam, 3-7 Jan 2008.
  - 10) 94<sup>th</sup> session of Indian Science Congress at Annamalai University, Chidambaram, 3-7 Jan 2007.
  - 11) UGC sponsored "National Conference on Drug Designing and Synthesis" at Nagpur, 19-20 Jan 2007.
  - 12) 93<sup>rd</sup> session of Indian Science Congress at N. G. Ranga Agricultural University, Hyderabad, 3-7 Jan 2006.
  - 13) 43<sup>rd</sup> Annual Convention of Chemists at Dept of Chemistry, Dr Babasaheb Ambedkar Marathwada University, Aurangabad organised by Indian Chemical Society, 23-27 Dec 2006.
- (Oral)**

### **8) Participation in Seminars/Conferences/ Workshops:**

- 1) International Science Symposium-2022 on Recent Trends in Science and Technology” at Criest college, Rajcot, 22<sup>nd</sup> – 23<sup>rd</sup> January 2022.
- 2) National workshop on “Revised NAAC accreditation framework: Drafting of AQAR and SSR” at Shankarlal Khandelwal Arts, Science and Commerce college, Akola, 29<sup>th</sup> May – 2<sup>nd</sup> June-2020.
- 3) One day workshop on “Moodle Learning Management System” at Shree P. M. Patel Institute of Post Graduate studies & Research in Science, Anand, organized by IIT Bombay, 15<sup>th</sup> March 2019.
- 4) National conference on “Novel Chemical System for Therapeutic and Energy Applications” at Dept. of Chemistry, Sardar Patel University, V. V. Nagar, 1<sup>st</sup> – 2<sup>nd</sup> March 2019.
- 5) One Day seminar on “Recent Trends in Chemical and Forensic Sciences” at Shree P. M. Patel Institute of Post Graduate studies & Research in Science, Anand, 12<sup>th</sup> February 2019.
- 6) One Day “Science Meet at Shree A. N. Patel PG institute of science and research, Anand, 6<sup>th</sup> January 2019.
- 7) One day workshop on “Chemistry and Mathematics for Biologist” at Shree P. M. Patel Institute of Post Graduate studies & Research in Science, Anand, 5<sup>th</sup> January 2019.
- 8) One Day Workshop on “Framming of Syllabus of B Sc. Sem-III to Sem-VI at M.B.Patel Science college, Anand, 6<sup>th</sup> August 2018.
- 9) Two days Work on “ Understanding Complexities of Life From Molecules to System” at Shree P. M. Patel Institute of Post Graduate studies & Research in Science, Anand in association with IIT, Kharagpur, 15<sup>th</sup> – 16<sup>th</sup> September 2017.
- 8) One day National Seminar on "Innovations and Emerging Dimensions in Chemical Science Research” at Dept. of chemistry, S. P. University, V. V. Nagar, 20 Feb. 2016.
- 10) One day Workshop on “Planning-Preparation-Presentation of NAAC Reports” at Shree P.M. Patel Institute of Post Graduate studies & Research in Science, Anand , 15 Mar. 2016.
- 11) One day Symposium on “Trends in Therapeutics” at NIPER, Ahmedabad, 29 January 2016.
- 12) One Day Seminar on “ Fundamentals of Chemistry” at Shree P. M. Patel Institute of Post Graduate

studies& Research in Science, Anand, 14 Oct.2014.

- 13) One day National Seminar on "Advances in Polymer synthesis for new materials" at Faculty of Tech.and Eng., The M. S. University of Baroda, 19 Oct. 2013.
- 14) One day National Seminar on "Green Technologies in unit operations" at Faculty of Tech. and Eng., The M. S. University of Baroda, 16 Aug. 2013.
- 16) One day National Seminar on "Advances in membrane processes and Materials" at Faculty of Tech.and Eng., The M. S. University of Baroda, 06 Apr. 2013.
- 17) One day Workshop on "Basics of IPR with special focus on Patents, Trademarks and Copyrights" at Faculty of Tech. and Eng., The M. S. University of Baroda, 01 Feb 2013.
- 18) National Conference on "Advances in Polymer Science and Nanotechnology: Design and structure" at Faculty of Tech. and Eng., The M. S. University of Baroda, 16-17 Dec 2011.
- 19) One day seminar on "Advances in Raman Spectroscopy" at Faculty of Science, The M.S.University of Baroda, 13th March, 2010.
- 20) National Conference on "Water: Membranes & Other Purification Technologies" at Faculty of Tech. and Eng., The M. S. University of Baroda, 09-10 Jan 2010.
- 21) National Seminar on "Emerging Horizons in Catalysis" at Faculty of Science, The M. S. University of Baroda, 25-26th September, 2009.
- 22) UGC sponsored "National Seminar on Current Trends in Chemical Sciences Research" 28<sup>th</sup> March 2008 Shri Shivaji College, Akola.

#### **6) Training Programmes:**

- 1) UGC sponsored 41<sup>st</sup> Orientation Programme at Sardar Patel University, V.V.Nagar from 12/11/18 to 09/12/18.
- 2) Three days National level online Faculty Development Program on "Outcome Based Education" at PVG's college of Engineering and Technology, Pune, 6<sup>th</sup> – 8<sup>th</sup> October 2020.
- 3) One week online Short Term Course on " Chemistry of Advanced Functional Materials" at Dept. of chemistry, National Institute of Technology, Shrinagar, 21<sup>st</sup> – 25<sup>th</sup> September 2020.
- 4) Training Programme on University Examination Work at Sardar Patel University, V.V. Nagar, 16<sup>th</sup> September 1017.