

1. Name : DR SACHIN P SHUKLA

2. Designation : ASSISTANT PROFESSOR

3. Qualification : Ph.D. POLYMER CHEMISTRY

4. Research paper published :

1. Immobilization of Horseradish Peroxidase by Entrapment in Natural Polysaccharides.

Sachin P Shukla, Kalpana Modi, P. K. Ghosh and Surekha Devi.

Journal of Applied Polymer Science .2004,91,2063.

2. Covalent coupling of peroxidase to a copolymer of acrylamide (Aam)-2- hydroxyethyl methacrylate (HEMA) and its use in phenol oxidation.

Sachin P. Shukla and Surekha Devi

Process Biochemistry .2005,40, 147

3. Immobilization of Pepsin on Acrylamide-2-Hydroxyethyl Methacrylate (AAm- HEMA) copolymer and Its use in Casein Hydrolysis.

Sachin P Shukla and Surekha Devi.

Journal of Applied Polymer Science. 2005,96,1544-1549

4. Synthesis of Biginelli reaction products using a heterogeneous catalyst and their characterization.

Hiral Trivedi, Dinesh S. Patel, Sachin P Shukla and Anvita D Mangte.

Journal of Emerging Technologies and Innovative Research.2019, Volume 6, Issue 2, 20-31.

5. Covalent coupling of Urease on Acrylamide-co-2-hydroxy ethyl methacrylate and Its use in urea hydrolysis by batch process.

Rekha B .Bhuriya , Dinesh Patel , Sachin P Shukla, Hiral Trivedi.

Journal of Emerging Technologies and Innovative Research.2019, Volume 6, Issue2 , 298-304.

6. Synthesis, characterization and antimicrobial activity of benzenesulphon amide base derivatives.

Mayuri Panchal , Dinesh Patel , Sachin Shukla and Jigar Patel

Journal of Emerging Technologies and Innovative Research.2019, Volume 6, Issue 4,408-418.

7. Immobilization of Urease on k-carrageenan and Its use in urea hydrolysis

Rekha B .Bhuriya , Dinesh S. Patel , Sachin P. Shukla, Hiral Trivedi

Journal of Emerging Technologies and Innovative Research.2019, Volume 6, Issue 6,93-105.

5.Research papers presentation in conferences (oral/poster)

1.Attended Training Programme on **SAFETY AT WORK PLACE** conducted by **HELPS An ISO 9001:2008 company (DISH Approved training Institute)** held at **Chemcon Speciality Chemicals Pvt. Ltd on 22/12/2016.**

2.Presented a research paper (POSTER) in **National Seminar on Applied Polymer Science and Technology (NSAPST-2019)**Sponsored by **UGC-CPEPA** organized by Department of Chemistry, Sardar Patel University, Vallabh Vidyanagar during **24th -25th January ,2019.**

3.Attended and Participated in POSTER presentation in **GUJCOST National Conference** entitled **“Medicinal Chemistry at the Interface of 21st Century: An Indian Perspective”** organized by Chemistry Department of V.P. & R.P.T.P. Science College, Vallabh Vidyanagar held on **28th January 2019**, Sardar Patel University, Vallabh Vidyanagar.

4.Presented a research paper (POSTER) in one day **seminar on “Recent Trends in Chemicals and Forensic Sciences”** jointly organized by Shree P.M.Patel Institute of P.G.Studies and Research in Sciences and Shree P.M.Patel Institute of P.G.Studies and Research in Applied Sciences, Anand Peoples Medicare Society, Anand, Gujarat, India on **12th February 2019.**

5.Participated in **National Conference on Novel Chemical Systems for Therapeutic and Energy Applications (NCSTE-2019)**, organized by **Department of Chemistry, Sardar Patel University, Vallabh Vidyanagar** during **1st -2nd March 2019..**

6.Attended a seminar on **“Moodle Management System”** held at the **Shree P. M. Patel Institute of PG Studies and Research in Applied Science, Anand on 15th March 2019.**The training was organised by the teaching learning centre (ICT) and IIT Bombay funded by the Pandit Madam Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT), MHRM, Govt of India.

7.Attended a webinar on **“Bioinformatics : Applications and aspects “** held by **C. B.Patel Computer College and J. N.M.Patel Science College** on **29th and 30th May 2020.**

8. Attended a webinar on “**Development of viral vaccine and other preventive measures in pandemic** “ held by **Department of Microbiology and Biotechnology ,University of School of Science ,Gujarat University**, Ahmadabad -380009. *17th May 2020*

6. Books published:

1.Introduction to enzymes and its immobilization on natural and synthetic supports .

ISBN NUMBER :978-81-943596-9-2

Author : DR SACHIN P SHUKLA

2.Literature Survey of Horseradish Peroxidase and Pepsin

ISBN NUMBER : 978-81-943771-4-6

Author : DR SACHIN SHUKLA

7.Other achievements

1.Selected as JRF in CSMCRI Sponsored project at Department of Chemistry, M.S. University of Baroda, During August 2001-July 2002.

2.Selected as Research Fellow under Maharaja Sayajirao III Alembic Chemical Works Limited Research Fellowship from March 2003 to October 2004.