

Center for Biotechnology

Completed Projects Summary

	2011-12	2012-13	2013-14	2014-15	2015-16	Total
Faculty	03	03	07	00	00	13
P.G	04	12	00	00	04	20
Total	07	15	07	00	04	33

FACULTY COMPLETED PROJECTS: - 2011-12

S.N	Title	Investigator	Year
1.	Enhanced protection of mice against Japanese encephalitis virus infection by combination of monoclonal antibodies to glycoprotein	Dr. Gupta A.K	2011-2012
2.	Immuno diagnosis of amoebiasis	Dr. Gupta A.K	2011-2012
3.	Replication and expression of epitopes on gpE of JE virus in cells	Dr. V.J Lad & Dr. Gupta A.K	2011-2012
4.	Synthesis of Biologically Active novel styryl Chromones	Dr. Rajendre B. Gaikar	2012-2013
5.	Development of Cholesterol Degrading Strain of E. coli	Mr. Ashish Maskar	2012-2013
6.	Virtual Screening for Finding Lead Compounds Against Gafueenza A (HINI) Virus	Dr. Rohan Meshram	2012-2013
7.	Incidence of intestinal coccidian parasitic infections in and around Loni, Maharashtra	Dr. Gupta A.K	2013-2014
8.	Replication of Japanese encephalitis virus in cells	V. J Lad Dr. Gupta A.K	2013-2014
9.	Biochemical studies on the immobilization of the enzyme invertase in alginate gels	Dr. Kamble S.P.	2013-2014
10.	Synthesis of Biologically active Novel styryl chromones	Dr. Gaikar R. B.	2013-2014
11.	Virtual Screening for finding drug against Influenza A (H1N1) Virus	Mr. Meshram R. J.	2013-2014
12.	Effect of flower and leaf extract of Caesalpinia pulcherrima on Phagocytosis by Human Neutrophils: A Biomedical Approach	Ms. Gavhane A. J.	2013-2014
13.	To Investigate the RAS (Renin- Angiotensin system) inhibitors and activators	Ms. Bansode T.S	2013-2014

STUDENTS COMPLETED PROJECTS: 2011-2016

S. N	Title	Investigator	Year
1.	Biosynthesis of Silver Nanoparticles using microbial and Plant Sources and their Clinical applications	Pratik Chaudhari Shalaka Masurkar Vrishali Shidore	2011-2012
2.	Directional cloning and expression of Lambda Phage Lytic (S) gene	Rashmi Dumbre Maithili Nadkarni Sandhya Vabilisetti Anupam Singh	2011-2012
3.	Screening of antibiofilm enzyme from Actinobacillus actinomycescomitans and rice seed and study its activity on biofilm with antibiotics	Prasad Pande Laxmiputra Gote Ankita Sahu	2011-2012
4.	Isolation and Characterization of Phenol Degrading Microorganism from Soil	Tina Aggarwal Manoj Avaghade	2011-2012
5.	Proteomics study in pregnancy complication (Preeclampsia).	Priyanka Sagar Shete	2012-2013
6.	Isolation purification and characterization of Nitrite reductase from Mycobacterium Smegmatis	Swapnaja Arvind Patil	2012-2013
7.	Extraction and purification of C-phycoerythrin from Spirulina platensis and checking its biological activities	Rimal Padalia	2012-2013
8.	Isolation and Characterization of Plasmid DNA from clinically isolated E.coli strain	Sanjeev Kumar	2012-2013
9.	Isolation and analysis of Matrix Metallo- Proteases (MMPs) in Sugarcane and other plant sources	Sanjay Bhagiya	2012-2013
10.	Cloning and Expression of Matrix (M1) gene of H9N2 Influenza A viruses	Gayatri Jahagirdar	2012-2013
11.	Full genome sequencing of respiratory syncytial virus (RSV) – A and cloning of Nucleoprotein and Phosphoprotein genes	Bhumika Wadhwa	2012-2013
12.	Green synthesis of Silver and Gold Nanoparticles and to study its antimicrobial Activities	Vijay Dandwate	2012-2013
13.	A study of chimeric DRG proteins in Leishmania	Bhalerao Sonali Eknath	2012-2013
14.	Detection and molecular characterization of enteric adenoviruses (Adv) in acute gastroenteritis patients	Choudhari Meghna Ramsukh	2012-2013
15.	Cloning and Expression of Squalene Monooxygenase gene from Indian Neem Azadirachta indica	Gondkar Kirti Dnyanaraj	2012-2013
16.	53BP1 and Histone Methylation status in chemoresistant Leukemic cells	Rachayata Dharmat	2012-2013
17.	Biodegradation of Phenol by microorganisms isolated from industrial effluents	Mr. Shiv Narayan Pradhan	2015-2016
18.	Biodegradation of Phenol by microorganisms isolated from industrial effluents	Miss. Namrata Jawanjal	2015-2016
19.	The Standardization & study of the omega-3, 6 fatty acid isolated from Lachryma jobi seeds & its application as fat- reducer	Dipak R. Chaudhari	2015-2016
20.	The Standardization & study of Anti cancer activity for Commiphora mukul Plant Material & its Medical Application	Sominath Jadhav	2015-2016