

3.7.1 Number of Collaborative activities for research, faculty exchange, student exchange per year (5)

Sl. No.	Title of the collaborative activity	Name of the collaborating agency with contact details	Name of the participant	Source of financial support	Year of collaboration	Duration	Nature of the activity
1	Catalytic reduction of pnitrophenol and methylene blue by microbially synthesised silver nanoparticles	Vivekanand College, Aurangabad	Dr. Adhapure N. N.		2016		collaborative project has done. Outcomes has come in the form of research paper publication
2	Catalytic reduction of pnitrophenol and methylene blue by microbially synthesised silver nanoparticles	Vivekanand College, Aurangabad	Inamdar Areeb				
3	Catalytic reduction of pnitrophenol and methylene blue by microbially synthesised silver nanoparticles	Vivekanand College, Aurangabad	Sangawe Vishal V.				
4	To develop a very cost effective, novel, efficient and quick method of gene transfer using plasmid DNA-Chitosan nanoconjugates	Vivekanand College, Aurangabad	Jadhav Aniruddha B.				

5	Deploy multispeciality sensor for pregnance detection and fetus study using advance technique thorough image processing	Maulana Azad College Aurangabad	Naziya Haider Pathan			
6	Biosensor for water quality monitoring	Shivchhatrapati College, Aurangabad	Farha Duedre			
7	Biosensor for water quality monitoring	Shivchhatrapati College, Aurangabad	Sumit Pagare			
8	Influence of amino acids on metal complexes nonlinear optical crystals	AISMC of Engineering, pune	Dr. N. N. Shejwal			
9	Polyaniline and poly nMethyl pyrrole composite to detect VOCs	Gov. Engineering college, Aurangabad	Kothari Mansi R.			
10	effect of ion irradiation on Ppy/Ag thin films for gas sensing application	department of Physics, Shivaji univesity, Kolhapur	Bagal Indrajit			
11	single walled carbon nanotube (SWNT) conducting polymer cposite for hazardous gas detection	Gov. Engineering college, Aurangabad	Gundare Shital B			

12	Preparation of physiochemical characterization and performance evaluation of gold nanoparticles containing TIZANIDINE HCL	Shri Bhagwan College of Pharmacy, Aurangabad	Kadri Vikharoddin Najmoddin		2017	
13	Synthesis and Characterization of doped and undoped metal sulfide by chemical bath deposition	New Arts, Commerce and Science College, Ahmednagar	Bhosale Pankaj P.			
14	Synthesis, Characterization and application of conducting polymer with GaAs for solar cell	Parali Vaijanath College, Parali	Siddharth Dhyandeo N.			
15	Solubility enhancement of poorly water soluble drugs by crystal engineering approach	Shri Bhagwan College of Pharmacy, Aurangabad	Gadade Dipak D.			
16	Study on mineralization of dyes using graphene and titanium dioxide nanocomposite	Department of Chemical Technology, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad	Gauri A. Kallawar			

17	Assessment of amorphous and crystal forming ability of heavy metal oxides for gamma ray shielding application	Department of Physics, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad	Gaikwad D. K				
18	Synthesis and Characterization of organic/inorganic nanomaterials for applicaton in Biosensors	Department of Physics, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad	Dr. Dharne G. M.		2018		
19	A controlled growth and investigation on different property of Co/NiO:GO/rGO nanostructre hetero-junction for super capacitor and solar cell application	DDSP college, Erandol, Jalgaon	Dr Gawai U. P.				