

## Projects Completed

Sl.No.	Title of the project	Name of Principal Investigator & Co-investigator(s) Project Number	Funding Agency	Sanctioned amount of the project (Rs)	Starting date of the project	Duration
1.	Novel aza and oxa-aza selenamacrocycles: Synthesis, metal complexes and anion binding.	<b>Dr. Arunashree Panda</b> <b>SR/FTP/CS-32/2006</b>	DST	<b>20,32,000</b>	28/12/06	3 years (extension upto <b>31/07/2010</b> )
2.	Preparation and characterizations of nanoferrite powders and polybenzoxazine nanoferrite composites	<b>Dr.N.N. Ghosh</b> Dr. Sunil Bhand <b>ERIP/ER/060/5042/M/01/929</b>	DRDO	<b>16,53,300</b>	14/03/07	3 years
3.	Novel biosensor techniques for monitoring heavy metals and pesticides in coastal waters and sediments	<b>Dr. Sunil Bhand</b> <b>23(0002)/06/EMR-II</b>	CSIR	<b>16,53,000</b>	08/11/06	3 years
4.	Synthesis of mesoporous silica and alumina based oxide materials	<b>Dr. N. N. Ghosh</b> <b>SR/S1/IC-39/2006</b>	DST	<b>21,79,400</b>	03/07/07	3 years (extended upto <b>30-11-2010</b> )
5.	Synthesis and spectral, redox and solid state coordination properties of asymmetric and highly functionalised thienyl- and furyl-porphyrins  24-9-2007	<b>Dr. Bhavana P.</b> <b>SR/FTP/CS-57/2007</b>	DST-FT	<b>19, 97,280</b>	27/02/08	3 years

6.	Development of novel initiators for controlled radical polymerization of N- substituted itaconamic acid/ itaconimide monomers  12-2-2009	<b>Dr. Rashmi Chauhan</b>  <b>SR/FT/CS-053/2009</b>	DST-FT	<b>19,86,600</b>	<b>25/03/10</b>	3 years
7.	Development of a novel aqueous solution based “one pot”, synthesis route for hard-soft-ferrite nano-composites and their properties  22-12-2009	<b>Dr. N. N. Ghosh</b>  <b>ERIP/ER/0904500/M/01</b>	DRDO	<b>16,63,600</b>	03/04/10	3 years
8.	Chemical modification of some metal ion binding peptides with photoactive molecules, and investigations on their photochemical DNA damage, and photoenhanced antimicrobial activity  19-6-2009	<b>Dr. Halan Prakash</b>  Dr.Meenal Kowshik  <b>BT/PR13316/GBD/27/251/2009</b>	DBT	<b>21,24,000</b>	15/03/10	3 years (extension till 30-6-2013)
9.	Spectroscopic properties of some low-lying electronic states of alkali metal-rare gas and alkaline earth metal-rare gas molecules	<b>Dr. Anjan Chattopadhyay</b>  <b>SR/FT/CS-52/2009</b>	DST-FT	<b>5,46,000</b>	19/04/10	3 years

	13-4-2009					
10.	Detection and mitigation of dairy pathogens and detection of adulterants using chemical biology	<b>Dr. Sunil Bhand</b> <b>NAIP/Comp-4/C30032</b>	ICAR (under NAIP)	<b>91.34975</b> lakhs	19/02/09	3 years  <b>(extension upto 31-03-14)</b>
11.	Development of turn-on type chemodosimer for selective recognition of sulfhydryl-containing amino acids and peptides in aqueous media	<b>Dr. Amrita Chatterjee</b> <b>SR/FT/CS-092/2009</b>	DST-FT	<b>19,86,600</b>	21/09/10	3 Years (extension upto 31-3-2014)
	19-8-2009					
12.	Development of Nanostructured High Surface Area Alumina and Silica based adsorbent with Tailored Pore structure for Removal of Fluoride ions from Ground Water	<b>Dr. N N Ghosh</b> <b>2010/37C/2/ BRNS/ 827</b>	BRNS	<b>29,07,150</b>	27/07/10	3 years (extension till 31-3-14)
	29-11-2008					
13.	Redox sensitive vesicles of Cucurbit[7]urils as an efficient targeted intracellular drug delivery vehicle	<b>Dr. Mainak Banerjee</b> <b>SR/FT/CS-023/2010</b>	DST-FT	<b>24,15,000</b>	28/10/10	3 years (extension upto 27-4-2014)
	22-12-2009					