

BRNS Project Collaborative Programmes

S.N.	Name of the Program	Collaborators	RPCD Officers
1.	Calixarene based sensors	Prof. C. P. Rao Dept. of Chemistry, IIT Bombay	Dr. H. Pal
2.	Studies on electron/energy transfer in multicomponent donor acceptor systems derived from photoactive Ru(II)-trisbipyridyl or porphyrin derivatives	Dr Amitava Das Central Salt & Marine Chemicals Research Institute, G.B. Marg, Bhavnagar, Gujarat	Dr H.N. Ghosh
3.	Comparative studies on degradation and mineralization of azo dyes by radiolysis and photolysis	Dr Mihir Kumar Sahoo North Eastern Hill University Shillong, Meghalaya	Dr D.B. Naik
4.	Radiation & photochemical studies of chitogan modified polycyclic aromatic hydrocarbons	Dr C.T. Arvindakumar School of Chemical Sciences, M.G. University, Kottayam 686 560	Dr S.K. Sarkar
5.	Mechanism of free radical induced damages in blood in neonatal jaundice and therapeutic effect of Indian herbal extract on IT	Dr(Mrs.) Santasree Mazumder Reader, Dept. of Biochemistry Univ. of Calcutta	Dr S. Adhikari
6.	Preclinical investigations in the development of Radioprotection from flavonoid fractions of <i>Coronopus didymus</i> Linn and <i>Pilea Microphyllia</i> - A free radical-mechanistic and molecular approach	Dr M.K. Unnikrishnan Additional Professor in Pharmacology, Manipal College of Pharmaceutical Sciences, Manipal,	Dr K. Indira Priyadarsini
7	Synthesis, redox reactions, antioxidant enzyme activity and in vitro radioprotection by organoselenium compounds	PRF2007/38/5/BRNS/2937	Dr K. Indira Priyadarsini and Dr V. K. Jain
8	Drugs and bioactive molecules bound to metal/semiconductor nanoparticles for diagnostic and therapeutic applications	Dr. C. K. K. Nair Dept. of Radiation Biology Amala Cancer Research Centre Amalanagar, Thrissur-680555	Dr. Nandita Biswas
9	Investigation of Dynamic Processes in Ionic Liquids and Organized Assemblies Comprising ionic Liquids	PRF/2008/38/04-BRNS	Dr G.B. Dutt