

Name of Proposer:	Sriram Kanvah
Email	sriram@iitgn.ac.in
Proposed Areas of research for PhD candidates:	Synthesis of suitably substituted π -conjugated molecules and examination of their fluorescence, electron-transfer and photochemical properties in the organic solvents and ionic liquid media.
Required qualification of applicants	M. Sc in General Chemistry/ Organic Chemistry with qualified GATE or CSIR. 1st Class in B. Sc and 1st Class in M. Sc required. Students with mathematics background in their B. Sc level will be preferred."

Name of Proposer:	Iti Gupta
Email	iti@iitgn.ac.in
Proposed Areas of research for PhD candidates:	Multistep synthesis of novel macrocyclic receptors consisting of pyrrole and other heterocycles such as pyridine, thiophene or furan for molecular recognition studies (particularly Anion sensing) and their characterization by regular analytical instruments like NMR, IR, UV-Vis, Mass and X-ray (if required)
Required qualification of applicants	"Candidate should have Masters degree in Chemistry (specialization in Organic Chemistry is desirable). Candidate should also have qualified CSIR-JRF or UCG-JRF or GATE. [Note: M.Sc. in Analytical/Physical/Applied chemistry is not suitable for the area of work). "