

## Details of PhD students under the guidance of faculty working at Department of Nanotechnology

SI No	Name of the candidate	Research Guide	Title	Year of Registration
1	Yogananda K C	Dr. Dinesh Rangappa	Fabrication of highly efficient photoanodes for dye sensitised solar cells`	2013
2	Manjunath B	Dr. Dinesh Rangappa	Development of carbon aerogel based mesoporous electrode materials for Lithium ion battery applications	2013
3	Thanuja K N	Dr. Dinesh Rangappa	Designing anacardic acid conjugated hybrid nanoparticle and its medical application	2013
4	A. Carmel Mary Esther	Dr. Dinesh Rangappa	Studies on multifunctional adaptive oxide thin films for spacecraft applications	2013
5	Antony Jasheelan A	Dr. Dinesh Rangappa (Co-guide)	Piezoelectric thin and thick films for microsensor and microactuator	2015
6	Vinutha Srikanth	Dr. Dinesh Rangappa (Co-guide)	Fabrication of 3-D mesoporous materials based nanofibres	2013
7	Narayanaswamy G	Dr. Dinesh Rangappa (Co-guide)	Design of dry & continuous anaerobic digester of organic waste, under thermophilic condition and its validation by CFD	2013

8	K. C. Ramesha	Dr. C. S. Ananda Kumar	Synthesis and biological studies of quinolone derivatives	2014-15
9	Shwetha B	Dr. C. S. Ananda Kumar	Design, synthesis and biological studies of novel furan-2-carboxamide and natural compound based small molecules	2014-15
10	S. Jagadeesh Babu	Dr. C. S. Ananda Kumar (Guide) Dr. Dinesh Rangappa (Co-guide)	Fabrication of Graphene based nanocomposite photoanodes for hydrogen generation applications	2014-15
11	Mudike Ravi	Dr. D. S. Prasanna (Guide) Dr. Dinesh Rangappa (Co-guide)	Synthesis, preparation and characterisation of band gap tuneable $Cu_2ZnSnX_4$ (X=S, Se) absorber material on glass substrate for photovoltaic applications	2014-15
12	Mahanthaswamy Hiremath	Dr. D. S. Prasanna	Novel approach for synthesis of non proteogenic amino acids and carbohydrate conjugated triazoles	2014-15
13	Kiran K S	Dr. S. V. Lokesh	Synthesis of some intercalated Titanate and Neobite nanotubes /nanorods and their applications	2014-15
14	Suresh Tubaki	Dr. S. V. Lokesh	Synthesis, Characterisation and applications of $TiO_2$ nanoparticles in solar cells	2014-15