

Individual Profile

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2. Designation : Lecturer
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7. Teaching Experience : 02
8. Research Experience : 06



10 Minor Research Project Completed / ongoing: NIL

11. Seminar/Conference/ Workshop attended : 07

Name	Category			No. of Papers presented
	International	National	State	
Seminar				
Conference	06	NIL	NIL	02
Workshop				
Webinars /Conf/FDP etc	NIL	NIL	NIL	

Publications:

authors	Title	Journal
ChethanPai S, M. P. Joshi, S. Raj Mohan, T.S.Dhami,Jayakrishna Khatei, K. S. KoteswarRao and Ganesh Sanjeev	Electron irradiation effects on TGA capped CdTe Quantum Dots	Journal of physics D: Applied Physics, 46 (2013) 175304.
ChethanPai S, M. P. Joshi , S. Raj Mohan, T. S. Dhami, Jayakrishna Khatei , K. S. Koteswar Rao ,L. M. Kukreja and Ganesh Sanjeev	Effect of electron beam irradiation on photoluminescence properties of thioglycolic acid (TGA) capped CdTe nanoparticles	Advanced Materials Letters, 4 (2013) 454-457
Chethan Pai S, Raju S P, Rajesh Nairy, Praveen Joseph, Parameshwari P. M. and Ganesh Sanjeev	Radiation sensitization of yeast cell using MPA capped CdTe quantum Dots	Journal of Applied Physics, (Communicated)
S.P. Raju, K. Hareesh, S. ChethanPai, S.D. Dhole, Ganesh Sanjeev,	Preparation of fluorescentCdTe@CdScore @shell quantum dots using chemical free gamma irradiation method	Journal of Luminescence 192(2017)17-27

Proceedings/abstract:

1.ChethanPai S and Ganesh Sanjeev, "Defect related luminacence properties in CdTe Nanoparticle grown by Hydrothermal technique", NCRMAT-2011, Haldia, West Bengal, June 24-26, 2011.

2.ChethanPai S, M. P. Joshi, S. Raj Mohan, JayakrishnaKhatei, KoteshwarRao and Ganesh Sanjeev, "Optical characterisation of electron irradiated watersolubleCdTe Quantum Dots", RTMS-2011, Waknghat, Solan, October 08-10, 2011.

3.ChethanPai S, M.P Joshi, S. Raj Mohan, JayakrishnaKhatei, KoteshwarRao and Ganesh Sanjeev, "Electron irradiation effects on water soluble CdTe Quantum Dots", CAPSRAA-2011, Surathkal, Karnataka, September 16-17, 2011.

4.M. P. Joshi, ChethanPai S, S Raj Mohan, T. S. Dhami, JayakrishnaKhatei, K. S. KoteshwarRao and Ganesh Sanjeev"Electron Beam Irradiation effect on Optical Properties of CdTe Quantum Dots", ETALAN-2011, BARC, Mumbai, October 20-21, 2011.

5.RajuSP,ChethanPai and Ganesh Sanjeev, "Gamma Irradiation Effects on TGA Capped Colloidal CdTe Quantum Dots" NANO-15 ,KSR Campus Tiruchengode,Tamilnadu

6.ChethanPai, Raju S P and Ganesh Sanjeev, "Electron Irradiation Effects On MPA Capped Cdte Quantum Dots" NSPA-2015 ,Dept of Optoelectronics, University of Kerala, Tiruvananthapuram

Signature