



MSc Physics

Projects 2018-19

Registration Number	Name	Title	Guide
175286002	Abhishek N.	A numerical study of the properties of harmonic and anharmonic quantum oscillators	Prof. K. B. Vijaykumar
175286003	Ajna R.A.	Detection of cracks in railway tracks	Prof. S. M. Dharmaprakash
175286004	Akhila K.M.	Detection of cracks in railway tracks	Prof. S. M. Dharmaprakash
175286005	Anitha	Synthesis of fluorine doped and undoped Tin oxide nanoparticles by sol-gel technique and their characterization	Dr. K. Gopalakrishna Naik
175286006	Anushree A.V.	Synthesis of ZnO and ZnO: Cd thin films by chemical spray pyrolysis and characterization	Dr. K. Gopalakrishna Naik
175286007	Aravinda P	Smart irrigation system	Prof. K. M. Balakrishna
17528608	Aravindakrishna M.	Synthesis of Bismuth oxybromide nanosheets by motor pestle method and characterization	Prof. K. B. Vijaykumar
17528609	Archana	Digital thermometer	Prof. K. M. Balakrishna
17528610	Ashwini	Synthesis and characterization of gamma irradiated PMMA/CoFe ₂ O ₄ based polymer nanocomposite	Dr. Y. Narayana
17528611	Avaneesh Rai U.K.	Synthesis of Bismuth oxybromide nanosheets by motor pestle method and characterization	Prof. K. B. Vijaykumar
175286012	Bhanupriya M.	Synthesis and characterization of gamma irradiated PMMA/CoFe ₂ O ₄ based polymer nanocomposite	Dr. Y. Narayana
175286013	Brandon Arnold Lobo	Effect of gamma irradiation on Bismuth ferrite nickel ferrite polymer nanocomposite	Dr. Y. Narayana
175286014	Chaithra K.	Detection of cracks in railway tracks	Prof. S. M. Dharmaprakash

175286015	Chethana	Synthesis of Cadmium sulfide nanoparticles by chemical precipitation method and characterization	Dr. K. Gopalakrishna Naik
175286016	Deeksha	Digital thermometer	Prof. K. M. Balakrishna
175286017	Deekshitha A.	Smart irrigation system	Prof. K. M. Balakrishna
175286018	Dhanyashree	Effect of gamma irradiation on Bismuth ferrite nickel ferrite polymer nanocomposite	Dr. Y. Narayana
175286019	Diana N.	Synthesis of ZnO and ZnO:Cd thin films by chemical spray pyrolysis and characterization	Dr. K. Gopalakrishna Naik
175286020	Gopika P.	Study of morphological and photoluminescence properties of graphene quantum dots subjected to gamma irradiation	Dr. Y. Narayana
175286021	Greeshma R.	A numerical study of the properties of harmonic and anharmonic quantum oscillators	Prof. K. B. Vijaykumar
175286022	Hemanth K.V.	Digital thermometer	Prof. K. M. Balakrishna
175286023	Jewel Joseph	Smart zone sensing and locomotive transmission using light fidelity	Prof. K. M. Balakrishna
175286024	Jimson C.P.	Study of morphological and photoluminescence properties of graphene quantum dots subjected to gamma irradiation	Dr. Y. Narayana
175286025	Jostom A.T.	Smart zone sensing and locomotive transmission using light fidelity	Prof. K. M. Balakrishna
175286026	Kavya Naik	Synthesis of Bismuth oxybromide nanosheets by mortar pestle method and characterization	Prof. K. B. Vijaykumar
175286027	Lekshmi Chandran	Study of morphological and photoluminescence properties of graphene quantum dots subjected to gamma irradiation	Dr. Y. Narayana
175286028	M. Rakshitha Joshi	Detection of cracks in railway tracks	Prof. S. M. Dharmaprakash
175286029	Maimuna	Synthesis and characterization of PVA/MnFe ₂ O ₄ nanocomposite film for gamma radiation shielding	Dr. Y. Narayana
175286030	Navyashree A.P.	Synthesis and characterization of gamma irradiated PMMA/CoFe ₂ O ₄ based polymer nanocomposite	Dr. Y. Narayana
175286031	Nelson D'Souza	Synthesis of fluorine doped and undoped Tin oxide nanoparticles	Dr. K. Gopalakrishna Naik

		by sol-gel technique and their characterization	
175286032	Nethra	Synthesis and characterization of PVA/MnFe ₂ O ₄ nanocomposite film for gamma radiation shielding	Dr. Y. Narayana
175286033	Nikhila P.Y.	Effect of gamma irradiation on Bismuth ferrite nickel ferrite polymer nanocomposite	Dr. Y. Narayana
175286034	Niranjana R. Poojari	Smart irrigation system	Prof. K. M. Balakrishna
175286036	Pallavi S.	Radiation shielding studies using Lead and HDPE	Dr. Ganesh Sanjeev
175286037	Pavithra B.	A car speed detector	
175286039	Prajna	Synthesis of ZnO and ZnO:Cd thin films by chemical spray pyrolysis and characterization	Dr. K. Gopalakrishna Naik
175286040	Prajna Kumari M.R.	A car speed detector	Prof. S. M. Dharmaprakash
175286041	Praneeta Bapat	Synthesis and characterization of Iron doped TiO ₂ nanoparticles by hydrothermal method	Dr. Gopalakrishna Naik
175286042	Priyanka	Preliminary studies on composite shielding material for an accelerator	Dr. Ganesh Sanjeev
175286043	Rajashree	Effect of gamma irradiation on Copper doped ZnO	Dr. Ganesh Sanjeev
175286044	Ranjitha K.R.	Smart zone sensing and locomotive transmission using light fidelity	Prof. K. M. Balakrishna
175286045	Rashmi P.S.	A car speed detector	Prof. S. M. Dharmaprakash
175286046	Rekha K.	Effect of gamma irradiation on green synthesized Silver nanoparticles	Dr. Ganesh Sanjeev
175286047	Rishma R. Rai	Smart zone sensing and locomotive transmission using light fidelity	Prof. K. M. Balakrishna
175286048	Roopashree D.	Synthesis and characterization of Iron doped TiO ₂ nanoparticles by hydrothermal method	Dr. Gopalakrishna Naik
175286049	Sharon Kuriakose	Synthesis of Cadmium sulphide nanoparticles by chemical precipitation methods and characterization	Dr. Gopalakrishna Naik
175286050	Sheethal K.M.	Synthesis of ZnO and ZnO:Cd thin films by chemical spray pyrolysis and characterization	Dr. K. Gopalakrishna Naik
175286051	Shethala	Synthesis of fluorine doped and undoped Tin oxide nanoparticles by sol-gel technique and their characterization	Dr. K. Gopalakrishna Naik

175286052	Shilpa C.K.	Radiation mapping inside microtron room using Fricke dosimeter	Dr. Ganesh Sanjeev
175286053	Shilpa R.	Gamma radiation induced changes in silver nanoparticle properties	Dr. Ganesh Sanjeev
175286054	Shreevathsa C. S.	A numerical study of the properties of harmonic and anharmonic quantum oscillators	Prof. K. B. Vijaykumar
175286055	Shubhangi Narvekar	Synthesis and characterization of Iron doped TiO ₂ nanoparticles by hydrothermal method	Dr. K. Gopalakrishna Naik
175286056	Shwetha K.	Influence of gamma radiation on the properties of HPMC-PVA blend	Dr. Ganesh Sanjeev
175286057	Shwetha V.	Synthesis of fluorine doped and undoped Tin oxide nanoparticles by sol-gel technique and their characterization	Dr. K. Gopalakrishna Naik
175286058	Sithara C.	Fricke dosimetry based on angular dose distribution inside microtron room	Dr. Ganesh Sanjeev
175286059	Soumya	Synthesis of Cadmium sulphide nanoparticles by chemical precipitation methods and characterization	Dr. Gopalakrishna Naik
175286060	Sumithra B.	Gamma radiation effects on HPMC-PVA blend	Dr. Ganesh Sanjeev
175286061	Sunitha	Synthesis of Bismuth oxybromide nanosheets by mortar pestle method and characterization	Prof. K. B. Vijaykumar
175286062	Suraj Kumar S.	Digital thermometer	Prof. S. M. Dharmaprakash
175286063	Swathi D. Nair	Synthesis of Cadmium sulphide nanoparticles by chemical precipitation methods and characterization	Dr. Gopalakrishna Naik
175286064	Swathi K.	Smart irrigation system	Prof. K. M. Balakrishna
175286065	Vasudha G.R.	A car speed detector	
175286066	Vijayashree N.	Radiation induced changes in the properties of Copper doped ZnO	Dr. Ganesh Sanjeev