

List of Ph.Ds completed at Crystal Growth Centre

	Name of the Candidate and Year	Title of the Ph.D.thesis
1	Dr.F.D.Gnanam 1981	Some aspects of gel grown and natural calcite crystals special reference to periodic crystallization
2	Dr.S.Krishnan 1981	Studies on rhythmic precipitation of calcium and copper carbonate in agar gel
3	Dr.C.Subramanian 1982	Investigation of the force field by high and low frequency separation technique and isotonic method
4	Dr.P.Sivakumar 1982	Studies on molecular force field of polyatomic molecules using pseudo exact method
5	Dr.S.Vasudevan 1983	Kinetics on non spherical nuclei and studies on nucleation, growth and characterization of ADP crystals
6	Dr.S.Nagalingam 1983	Theoretical and experimental studies on crystal nucleation and growth
7	Dr.K.A.Ravindran 1984	Friction and wear characteristics of bonded molybdenum disulfide films
8	Dr.R.Gobinathan 1983	Studies on ice nucleants and atmospheric precipitation
9	Dr.N.Kanniah 1983	Revert and Direct Lisegang phenomenon
10	Dr.S.Ambrose 1983	Studies on periodic crystallization of magnesium hydroxide in agar agar gel
11	Dr.R.Dhanasekaran 1984	Some studies on surface nucleation, crystal solution interface and precipitation of oxides in CZ silicon
12	Dr.M.Palaniswamy 1985	Studies on some aspects of growth and characterisation of Li_2CO_3 single crystals
13	Dr.M.Shanmugam 1985	Nucleation, growth and characterisation of KDP crystals and some aspects of ADP-KDP mixed crystals
14	Dr.M.Palanisamy 1986	Studies on ice nucleating behaviour of AgI-AgBr-CuI and AgI-AgCl systems
15	Dr.L.Palaniappan 1986	Growth, electrical conductivity and microhardness studies SbSI and SbSI type compounds
16	Dr.N.Palaniandavar 1986	Studies on periodic crystallisation of cadmium hydroxide and cadmium sulfide in agar agar gel
17	Dr.D.Arivuoli 1987	Growth of trihalides, chalcogenides and chalcogenides of arsenic, antimony and bismuth from vapour and some studies of microhardness behaviour and etching
18	Dr.J.Kumar 1987	An Investigation on the thermodynamics, nucleation and growth kinetics of the $\text{Y}_2\text{O}_3\text{-Al}_2\text{O}_3\text{-Y}_3\text{Al}_5\text{O}_{12}$ systems and some aspects of growth and characterisation of laser materials from flux

19	Dr.L.Durai 1987	Electrocrystallisation kinetics of elemental, II-VI and I-III-VI ₂ compound semiconductors and electro-winning of polycrystalline silicon
20	Dr.M.Thirumavalavan 1987	Some aspects of the growth of YAG, fluoroborate and neodymium activated stoichiometric laser crystals from solution and their characterization
21	Dr.G.Raman 1988	Studies on the growth and characterization of single crystals of antimony compounds and their arsenic chalcogenides grown in gel
22	Dr.S.Anbukumar 1988	Studies on the growth of NH ₄ H ₂ PO ₄ single crystals and their characterization
23	Dr.B.Venkatesan 1988	Theoretical consideration and growth of some binary and ternary semiconductors by chemical vapour transport and their characterization
24	Dr.K.Thangaraj 1988	Studies on heterogeneous nucleation, growth of ice crystals and nucleation active sites
25	Dr.V.Natarajan 1989	Studies on nucleation, growth and characterisation of ferroelectric TGS and LiNbO ₃
26	Dr.P.Suresh Kumar 1990	Nucleation, growth and characterisation of high T _c superconducting single crystals
27	Dr.V.N.Mani 1990	Modeling of vapour phase epitaxial growth of III-V binary, ternary and quaternary materials and studies on their properties
28	Dr.D.Jayaraman 1990	Studies on nucleation kinetics of unitary and binary system, high T _c superconductors and voids
29	Dr.K.Baskar 1991	Growth and characterization of mono crystals of mercury (I) halides and mercury (ii) iodide
30	Dr.S.Kalainathan 1991	Investigations on the grain growth mechanism in P, As & B doped polysilicon, intrinsic polysilicon, aluminium, lead, cadmium and Al ₂ O ₃ :ZrO ₂
31	Dr.S.Sivanesan 1991	Experimental studies on inorganic ice nucleants for weather modification
32	Dr.R.Roopkumar 1992	Studies on the growth of bismuth sulpho halides and its type crystals
33	Dr.K.Balakrishnan 1992	Growth and characterization of I-III-IV ₂ and II-IV Compounds and theoretical analysis of Chemical Vapour Transport
34	Dr.S.Moorthy Babu 1992	Growth and characterization and kinetics of binary and ternary compounds by electro crystallisation
35	Dr. R.Ganesha 1993	Growth of V-VI-VII group compound crystals from melt and chemical vapour transport
36	Dr.T.Irusan 1993	Studies on the growth and characterization of some urinary crystals grown in gel
37	Dr.R.Jayavel 1993	Studies on growth and characterisation of high temperature superconducting single crystals

38	Dr.P.SanthanaRagavan 1993	Crystal growth instrumentation, crystal growth and characterization of GaAs and InP crystals and simulation studies of InP LPE
39	Dr.P.Murugakoothan 1993	Growth and characterization of superconducting bulk textured materials and single crystals
40	Dr.C.R.Venkateswara Rao	Synthesis, characterization and superconductivity studies of single crystals of high T _c oxides and fullerenes
41	Dr.R.Gopalakrishnan 1995	Growth of Bi ₁₂ (Ge,Si)O ₂₀ and Bi ₄ (Ge,Si) ₃ O ₁₂ single crystals by Czochralski and floating zone techniques and their characterization
42	Dr.T.Rajalakshmi 1995	Growth and characterization of urea and benzophenone single crystals
43	Dr. G. Ravi 1995	Growth and characterization of ferroelectric and non-linear optical crystals
44	Dr.M.Manimaran 1995	Instrumentation of computer controlled crystal growth system and crystallization and characterization of medium band gaps II-IV-V ₂ semi conducting infrared nonlinear optical materials and organic biomolecules
45	Dr.S.Balakumar 1995	Growth of perovskite ferroelectric and titanosilenite single crystals and their characterization
46	Dr.M.D.Shaji Kumar 1995	Fabrication of flame fusion apparatus and crystallization of laser and superconducting substrate materials
47	Dr.D.Krishnamoorthy 1995	Czochralski growth of oxide crystals and the analysis of associated growth difficulties
48	Dr. Humid Razagholipour Dizaji 1995	Modeling of liquid phase epitaxial growth of some III-V binary, ternary and quaternary compound semiconductors
49	Dr. M.Jaffer Tafreshi 1996	Growth of II-VI, I-III-VI ₂ and CdIn ₂ S ₄ single crystals by chemical vapour transport and their characterization
50	Dr.F.Joseph Kumar 1996	Nucleation kinetics of vapour-liquid and solution-crystal systems and growth and characterisation of KTiOPO ₄
51	Dr.N.Gopalakrishnan 1996	Investigations on the nucleation and growth kinetics of vapour phase epitaxy of III-V binary, ternary and quaternary compound semiconductors
52	Dr.R.S.Qhalid Fareed 1996	Investigations on the growth kientics of some binary and ternary III-V compound semiconductors by liquid phase electro epitaxy
53	Dr.J.Arokiaraj 1996	Investigations on the bulk crystal growth, ion implantation, MIS structure and characterization of indium phosphate single crystals

54	Dr.P.Thilakan 1997	Investigations on the deposition conditions of indium oxide, indium tin oxide thin films and ITO/InP solar cell structures
55	Dr.K.Srinivasan 1997	Growth of device quality KDP family single crystals, Fabrication of non-linear and electro-optical device out of them and grown of ADP-KDP mixed crystals and their characterization.
56	Dr.C.Sekar 1997	Synthesis, crystal growth and characterisation of fullerenes and some studies of carbon nano tubes.
57	Dr.S.Arulkumaran 1997	Studies on the electrical and structural characteristics of LEC and VCZ grown GaAs single crystals
58	Dr. A.Thamizhavel 1997	Studies on the growth and characterisation of YBCO, BSCCO single crystals and fullerenes
59	Dr.N.Senguttuvan 1997	Some investigations on the growth of lead molybdate and lead tungstate single crystals and their characterization
60	Dr.G.Arunmozhi 1997	An investigation on the nucleation , growth and characterization of semi-organic LAP and TGSP family crystals
61	Dr.S.Aravazhi 1997	Investigation on the nucleation, growth and characterization of pure and doped triglycine sulfate crystal
62	Dr.G.Sasikala 1997	Deposition and characterization of some II-VI, I-III-VI ₂ thin films and fabrication of solar cell structures
63	Dr.E.K.Girija 1998	Investigations on biological crystal and analyses and epidemiological studies of urinary calculi
64	Dr.D.Prabhakaran 1998	Growth of Bi-2212 and Bi-2223 bulk textured and single crystal superconductors and their application
65	Dr.R.Ilangovan 1998	Growth and characterization of some perovskite and tungsten bronze single crystal
66	Dr.S.Ganesa Moorthy 1998	Growth and characterization of KTiOPO ₄ and some ABO ₃ type perovskite single crystals
67	Dr.S. Saravanan 1998	Growth and characterization of GaAs and AlGaAs epilayers on GaAs and Si substrates by LPE and MOCVD
68	Dr.A.Sembian 1998	Liquid Phase Epitaxy and characterization of thick relaxed SiGe layers on Si(100) substrates and their applications to solar cells
69	Dr.N.Dharmarasu 1999	Investigation on the low and high energy ion induced effects in GaAs and InP crystals and Schottky diodes
70	Dr.S.Shanthi 1999	Preparation and properties of cadmium sulphide and tin oxide thin films and investigation on the InP/CdS and InP /FTO solar cell structures
71	Dr.K.Jeganathan 1999	Investigation in the liquid phase epitaxial (LPE)

		growth and characterization of GaAs epitaxial layers and on the under saturated LPE grown AlGaAs
72	Dr.R.Varatharajan 1999	Investigation on the growth and characterization of pure and doped BaCaTiO ₃ and BaSrTiO ₃ single crystals
73	Dr.M.Udhayasankar 1999	Structural analysis of as-grown , implanted LEC-GaAs single crystal and CBE growth and ECV profiling of InGaAs(P) / InP , AlAs/InP and multi quantum well structures
74	Dr.R.R.Sumathi 1999	Studies on the effect of surface and interface processing in InP based metal-insulator semiconductor structures
75	Dr.P.M.Ushasree 1999	Studies on nucleation and growth of non linear optical ZTS family and BTCC crystals their characterization
76	Dr.S.Kumaragurubaran 2000	Investigation on the Czochralski growth and characterization of acoustic-optic TeO ₂ and Bi(Si,Ge)O ₂₀ crystal
77	Dr.G.R.Sivakumar 2000	In vitro studies on the growth and characterization of the crystalline constituents of metabolic acid and nonmebollic urinary stones: dicalcium phosphate and magnesium phosphate
78	Dr.R.Kumaresan 2000	Novel photochemical deposition and conventional electrochemical deposition of CdS and Hg _x Cd _{1-x} Te semiconductor thin films and their characterization for solar cell device applications
79	Dr.Premila Mohan 2000	Investigations on the bulk growth of InSb and InSbBi crystals by vertical Bridgman technique and their characterization
80	Dr.P.Jayavel 2001	Studies on the low and high energy irradiated GaAs Schottky barrier diodes and evaluation of GaAs and InP surface barrier detectors
81	Dr.N.V.Giridharan 2001	Fabrication of barium strontium titanate, lead barium titanate and bismuth titanate thin films by sol-gel technique and their characterization
82	Dr.R.Mohan Kumar 2002	Studies on nucleation kinetics, growth and characterization of nonlinear optical and ferroelectric single crystals
83	Dr.M.Senthil kumar 2002	Investigations of gallium nitride on material processing, electrical contacts, thermal stability and radiation induced effects
84	Dr.S.Venkatraj 2002	Investigations on the structural and optical properties of NbO _x , ZrO _x and ZrO _{1-x} N _x thin films prepared by reactive dc magnetron sputtering process
85	Dr. V.Vaithianathan 2003	Growth and characterization of Bi ₄ Ge ₃ O ₁₂ , Bi ₄ (Ge _{0.5} Si _{0.5}) ₃ O ₁₂ , Bi ₁₂ (Ge _{0.5} Si _{0.5})O ₂₀ and NaBi(WO ₄) ₂ single crystals

86	Dr.C.V.Kannan 2003	Investigations on the growth of KTiOPO_4 , RbTiOPO_4 and LiB_3O_5 single crystals and their electrical and optical characterization
87	Dr.M.Ashok 2003	Investigation on the crystallization of calcium phosphate biomaterials and the trace element analysis of the urinary stones and gallstones
88	Dr.K.Meera 2003	Growth and characterization of doped triglycine sulphate and L-arginine hydrochloride crystals and the effect of EDTA addition on the growth of crystals from solution
89	Dr.R.Rajasekaran 2003	Studies on nucleation kinetics, growth and characterization of nonlinear optical ZTC, ZTCP, TTCS and metal ions doped KDP crystals
90	Dr.T.K. Anee 2003	Investigations on the low temperature synthesis of crystallization of calcium phosphate based biomaterials
91	Dr.S. Gokullakshmi 2003	In vitro studies on electro chemical and wear behaviour of surface modified orthopaedic titanium alloys
92	Dr.N.P.Rajesh 2004	Enhancement of metastable zonewidth and nucleation kinetics studies and growth of nonlinear optical inorganic and semiorganic single crystals
93	Dr.A.Arul Chakkaravarthi 2004	Growth aspects, scintillation response and characterization of organic molecular single crystals: Trans stilbene and anthracene
94	Dr.C.K.Lakshmana Perumal 2004	Synthesis, crystal growth and characterization organic molecular non linear optical materials: N-methoxy-N-N'-benzaldehyde stilbazolium tosylate, N-hydroxy-N-N'benzaldehyde stilbazolium tosylate and methylp-hydroxy benzoate
95	Dr.P. Premchander 2004	Pulsed laser deposition of GaN, irradiation of GaN and wafer bonding
96	Dr.E. Srinivasan 2004	Studies on growth and characterization of 1222 type high temperature superconducting single crystals and synthesis aspects
97	Dr.S. Uthayakumar 2004	Investigations on the growth aspects of Bi-2212 and RV-1212 textured crystals and fabrications of Bi-2201 and LSMO thin films
98	Dr.E. Varadarajan 2004	Chloride VPE growth of GaN thin films and their characterization with special emphasis on the nucleation kinetics and irradiation effects
99	Dr.S.Boomadevi 2004	Growth and characterization of 3-methyl 4-nitropyridine 1-oxide (POM), L-pyrrolidine- 2-carboxylic acid (L-PCA) and meta nitro aniline (MNA) single crystals for SHG applications
100	Dr.O.Senthil Kumar 2005	Growth of pure and doped single crystals and nanocrystals of ZnSe and ZnSxSe_{1-x} semiconductors by chemical vapour transport and their characterizations

101	Dr.S.Soundeswaran 2005	Thin film depositions of II-VI binary Semi conductors by ECD, CBD and PCD techniques for solar cell applications and effect of high energy irradiation on thin films
102	Dr.K.Balachander 2005	Fabrication and electrical characterization of AlGaIn/GaN metal insulator –semiconductor high electron mobility-transistors (MISLIEMTS)with different GATE insulators
103	Dr.N.Meenakshi Sundaram 2005	Investigation on the cholesterol, cholesteryl acetate, hydroxyapatite and hysozyme crystallization and influence of magnetic field on the nucleation process
104	Dr.S.Ramalingam 2005	Studies on the nucleation kinetics, crystallization and characterization of single crystals of potassium dihydrogenphosphate and sulphates of potassium and magnesium
105	Dr.S. Madeswaran 2005	Investigations on the growth aspects and property studies of Co and Rh doped Ba(Sr)TiO ₃ and Pb[(Zn,Nb)Ti]O ₃ ferroelectric single crystals
106	Dr.R. Muralidharan 2006	Growth and characterization of rare earth metal ions doped triglycerine sulphate and nonlinear optical single crystals. Lithium iodate, L-argine acetate and L-arginine iodate and characterization
107	Dr.V.Kannan 2006	Growth and characterisation of nonlinear optical single crystals of vanillin, hydrochlorides of l histidine, bis-thiourea zinc acetate and KDP: La
108	Dr.D.Jayalakshmi 2007	Investigations on thiourea based nonlinear optical crystals and aminoacids doped ferroelectric triglycine sulphate single crystals
109	Dr.A.Claude 2006	Crystal growth of KDP, ADP, thiourea by solution growth and lithium niobate bismuth germanate by Czochralski technique and their characterization
110	Dr.N.Balamurugan 2006	Growth of cesium iodide, anthracene, naphthalene, KDP, KAP, TGS crystals using direct controlled growth methods and their characteristics.
111	Dr.R.Thangavel 2007	Investigations on the technologically important wide band gap II-VI ternary semiconductors /crystal growth and characterizations of ZnO and alloy systems
112	Dr.M.Haris 2007	Growth some III-V binary and ternary bulk crystals and effect of Sn ion irradiation on InSb bulk substrate
113	Dr.M.Jayaprakasan 2007	On the improvement of performance of temperature controller, puller and seed rotation controller used for crystal growth experiments and development of pc based automation for the conventional X-ray diffract meter

114	Dr.P.Kumaresan 2007	Growth and characterization of KDP crystals doped with metal ions, dyes, amino acids and effect of swift heavy ion irradiation on doped KDP crystals
115	Dr.P.Veeramani 2008	Investigation on growth and characterization of CdTe and CdZnTe crystals and development of Schottky barrier diode and high energy gamma ray detectors
116	Dr.A.Senthil Kumaran 2008	Growth of pure and rare earth (Nd^{3+} and Yb^{3+}) doped double tungstates [$\text{KGd}(\text{WO}_4)_2$ and $\text{KY}(\text{WO}_4)_2$] and their characterization growth of pure and rare earth (Nd^{3+} and Yb^{3+}) doped double tungstates [$\text{KGd}(\text{WO}_4)_2$ and $\text{KY}(\text{WO}_4)_2$] and their characterization
117	Dr.J.Bubeshbabu 2008	Growth of PZN-PT and NBT-BT single crystals and their characterization for underwater communication systems
118	Dr. K. Thangaraju 2008	Studies on optical properties of Tris-(Hydroxyquinoline) aluminium thin films and organic light emitting diode characteristics
119	Dr. G. Srinivasan 2008	Investigations on sol-gel grown layers of undoped and doped zinc oxide
120	Dr. R. Sankar 2008	Synthesis, growth and characterization of nonlinear optical single crystals of organometallic thiourea, thiosemicarbazide and glycine compounds
121	Dr.P.Prabukanthan 2008	Crystal growth of chalcopyrite ternary semiconductors by CVT method and heavy ions irradiation studies on CuInTe_2 and AgGaS_2 and characterization
122	Dr. V.Sureshkumar 2008	Growth and characterization of gallium nitride and nanostructures and investigations on the effect of ion irradiation on MOCVD grown gallium nitride layers
123	Dr. D. Kalaiselvi 2008	Growth and characterization of amino acid based nonlinear optical single crystals of organic and semiorganic compounds
124	Dr.Sonia Gnanapragasam 2008	Investigations on high and low energy radiation effects on AlGaIn/GaN HFET devices and thick GaN layer
125	Dr. M. Subramanian 2008	Investigations on pure and doped TiO_2 and ZnO thin films and effect on swift heavy ion irradiation on Mn doped ZnO thin films
126	Dr. S. K. Geetha 2008	Effect of additives in nucleation kinetics and growth of potassium acid phthalate crystals (KAP) from solution and dielectric and Z-scan studies on crystals
127	Dr. S. Sudhakar 2008	Liquid phase epitaxial growth of InAs, Zn_3As_2 and Zn_3P_2 and the effect of swift heavy ion irradiation
128	Dr. S.V. Rajasekaran 2008	Investigations on growth and characterization of pure and Nb doped $0.58\text{Pb}[\text{Sc}_{0.5}\text{Nb}_{0.5}]-0.42\text{PbTiO}_3$ ferroelectric single crystals

129	Dr. D. Rajesh 2008	Investigations on growth aspects and optical properties of cesium triborate single crystals for UV generation
130	Dr.R.Biravaganesh 2008	
131	Dr.M.Lenin 2009	Investigation on the growth and characterization of m-nitroacetanilide, 2-methyl-4-nitroaniline,m-NA-CAN and sulphamic acid single crystals
132	Dr. A. Bhaskaran 2009	Studies on the growth aspects and characterization of thiocyanate and thiourea based metal organic nonlinear optical single crystals
133	Dr.C.M.Raghavan 2009	Studies on the growth aspects and characterization of nonlinear optical metal-organic bimetallic thiocyanate based single crystals
134	Dr.R.Arunkumar 2009	Growth and characterization of single crystals of $\text{YCa}_4\text{O}(\text{BO}_3)_3$, $\text{LaCa}_4\text{O}(\text{BO}_3)_3$, $\text{Y}_2\text{CaB}_{10}\text{O}_{19}$ for NLO and $\text{Nd}_x\text{La}_{1-x}\text{Ca}_4\text{O}(\text{BO}_3)_3$ for LASER applications
135	Dr.M.Rameshbabu 2009	Investigations on growth and characterization of $\text{La}_{0.9}\text{Pb}_{0.1}\text{MnO}_{3-d}$ single crystals and effect of heavy ion irradiation on the physical properties
136	Dr.S.Vijayalakshmi 2009	Investigation on ZnO:M ($\text{M}=\text{Al,Cd}$), S_nO_2 : Zn and Zn_2SnO_4 , thin films deposited by spray pyrolysis method.
137	Dr.R.Perumal 2009	Growth and characterization of allythiourea based non linear optical and glycine phosphate ferro electric single crystals
138	Dr.G.Madeswaran 2009	Growth of PbMoO_4 , PbWO_4 for high energy scintillator applications and PZN-PT single crystals for electromechanical transducer applications and their characterization
139	Dr.Mahmmoud Sayed El-Saed 2009	Synthesis and characterization of CdTe and CdTe related coreshell nano crystals.
140	Dr.R.Satyalakshmi 2010	Growth and characterization of gallium nitride using chloride vapour phase epitaxy and the effect of swift heavy ion irradiation on gallium nitride epilayers.
141	Dr.V.Kathirvel 2011	Correlation between structural stability and electronic structure of F-electron based intermettalic compound under pressure
142	Dr.P.Puviyarasu 2011	Growth and characterization of gallium nitride using chloride vapour phase epitaxy and the effect of swift heavy ion irradiation on gallium nitride epilayers.
143	Dr.R.Vani 2011	Investigation on biomineralisation of urinary calculi and synthesis of nano bio materials
144	Dr.R.V.Suganthi 2011	Investigations on the crystallizations and effect of swift ion irradiation on helical hydroxyapatite
145	Dr. S. Suresh 2010	Effect of V/III ratio and irradiation induced defects

		on structural, optical, electrical and device characterization of gallium nitride
146	Dr. P. Kumar 2010	Growth of lithium niobate single crystals and fabrication of optical wave guides.
147	Dr.V.Ganesh 2011	Synthesis and characterization of pure and cobalt doped GaN nanocrystals.
148	Dr.T.Prem Kumar 2011	Growth and characterization of ZnO nanorods, nano walls, nanochains using pulsed laser deposition
149	Dr.P.Samuel 2011	Investigation on rare earth ion doped solid state laser hosts: single crystals and transparent ceramics
150	Dr.K.Senthilkumar 2011	Studies on growth and properties of pure and doped (metals, rare earths, dyes and amini acids) glycine phosphate (GPI) single crystals
151	Dr.M.Senthil Kumar 2011	Crystal growth and characterization of $\text{La}_2\text{Ca}_2\text{B}_{10}\text{O}_9$, $\text{Nd}_x\text{La}_{2-x}\text{CaB}_{10}\text{O}_{19}$ and $\text{K}_2\text{B}_4\text{O}_{11}\text{H}_8$ for NLO and laser applications and theoretical analysis of nonlinear optical property of $\text{La}_2\text{Ca}_2\text{B}_{10}\text{O}_9$ crystal
152	Dr.S.Tamilselvan 2011	Hard templating synthesis of nanoporous sic with different structure and morphology
153	Dr.M.Ravichandran 2011	Investigations on sol-gel grown zinc oxide and its alloy systems for band gap variation and on the influence of dopants on the optical and electrical properties
154	Dr.P.Anandan 2011	Studies on the growth aspects and characterization of some amion acids based semiorganic nonlinear optical single crystals
155	Dr.M.I.Ahymah Joshy 2011	Synthesis of nano hydroxyl apatite and its polymer composites for drug delivery and tissue engineering applications
156	Dr.K.Elayaraja 2011	Investigations on the bioactivity and drug delivery of nanocrystalline hydroxyapatite composites, thin films and its surface modification by swift heavy ion irradiation
157	Dr.Dayana Lonappan 2011	High pressure phase transformation studies on rare earth sesquioxides
158	Dr.G.Bakiyaraj 2011	Effect of annealing, SHI Irradiation and nitrogen ion implantation on II-VI nano structured thin films
159	Dr..S.Munawar Basha 2011	Investigations on the magnetic properties of doped gallium nitride ion irradiation studies band nano structured growth

160	Dr.D.Thangaraju 2012	Single crystal growth of Pr^{3+} : $\text{KGd}(\text{WO}_4)_2$ and nano powder synthesis of $\text{KRE}(\text{WO}_4)_2$ ($\text{RE} = \text{La}^{3+} - \text{Lu}^{3+}$)
161	Dr.P. Anthoniammal 2012	A Thermo dynamical Model for the shape and size effect on melting of Nano particles
162	Dr. Devanand Venkatasubu (2013)	Targetted Drug Delivery using paclitaxel Hydroxyapatite and Titanium Dioxide Nanoparticles: IN-VIVO Toxicity and Anticancer analysis
163	Dr.R. Gandhimahty (2013)	Synthesis, growth and characterization of 4-Nitrophenol, Chalcone isomers, Danph Polymorphs and 3-Methoxy-4-Hydroxy Benzldehyde single crystals
164	Dr.M.Balaji (2013)	Epitaxial growth and characterization of aluminum nitride and effects of ion irradiation on aluminum gallium nitride/gallium nitride heterostructures
165	Dr.Sarath Chandra Veerla (2013)	Investigations on Metal ions doped nanocrystalline hydroxyapatite
166	Dr.G. Pabitha (2013)	Crystal Growth and characterization of Thiocyanate and Thiourea ligands based transition metal [Zn, Hg, Cd, Mn] complexes for nonlinear optical applications
167	Dr.M. Nagarajan (2013)	Heteroepitaxial Growth of Zinc Arsenide on Gallium Arsenide and Indium Phosphide on Silicon
168	Dr.M. Anusha (2013)	Aerosol-assisted CVD Grown FTO Thin Film for Transparent Electronics in Photovoltaic Applications and Luminescent FZO Thin Films
169	Dr.R. Radhika (2013)	Tribological Properties and wear mechanism of hard coatings
170	Dr.K. Thanigaiarul (2014)	Investigations on Metal Ions incorporated Nan crystalline Hydroxyapatite, Nanocomposite Thin Films and Surface Modification by Low Energy Ion Implantation
171	Dr.S. Ramasubramaniam (2014)	Investigations on Cobalt Doped Zinc Oxide Thin Films, Nanostructure Growth and Lanthanum Oxychalcogenide Semiconductors
172	Dr.S. Shanmugasundari (2014)	Growth of Single Crystals, Synthesis of Ceramics, influence of SHI Irradiation and Magnetic Additives on Ceramics of Relaxor Ferroelectrics $\text{Na}_{0.5}\text{TiO}_3$ - BaTiO_3
173	Dr. F.Malar Auxilia 2014	Synthesis of Crystal Facet Tuned Copper(II) Oxide Based Catalysts for Nitric Oxide Remediation And Fuel Cell Application
174	Dr. P.Joice Sophia 2014	Epitaxial Growth of Germanium, Gallium Arsenide and Indium Gallium Phosphide and their nano mechanical studies
175	Dr.P.Kannappan 2014	Growth of ZnSe , $\text{ZnS}_x\text{Se}_{1-x}$ and ZnTe Single Crystals By CVT Method, Studies on Ion Implantation and Irradiation, Synthesis of ZnSe

		nano material and Characterization
176	Dr.R.Saravanan 2014	Investigations on the Growth and Characterization of Pure and Doped $K_{0.5}Na_{0.5}NbO_3$ Single Crystals and Effect of Heavy Ion Irradiation on the Physical Properties
177	Dr.B.Srimathy 2014	Investigations on the Growth and Characterization of $(1-x)Pb(Zn_{1/3})O_3-xPbTiO_3$ And $Ga_{2-x}Fe_xO_3$ single Crystals
178	Dr.R. Dhinesh Kumar 2014	Investigation on the Synthesis and Characterization of $YMnO_3$, $TbMnO_3$, Nanostructures and $LaFeO_3$ Based Nanocomposites for Photocatalytic Applications
179	Dr .P. Karthika, 2014	Synthesis and electrochemical studies of Pt/graphene and platinum bimetallic electrocatalysts for polymer electrolyte membrane fuel cell and direct methanol fuel cell
180	Dr.J.Ramkumar (May 2015)	Solution Phase Synthesis of $CuInSe$ Nanoparticles and their characterization
181	Dr.S. Sugan (June 2015)	Synthesis of Chalcopyrite Ternary Semiconductor Nanomaterials by Chemical Methods and Growth of $CuGaS_2$ Crystal by CVT Method and their Characterization
182	Dr.A.DURAI RAJAN (2015)	Growth of $K_1-XNa_xGd(WO_4)_2$ crystals and synthesis of pure and $Ln^{3+} (=Pr^{3+}, Sm^{3+}, Eu^{3+}, Dy^{3+} \text{ and } Tm^{3+})$ Phosphors
183	Dr. P. ARIVAZHAGAN (2015)	Structural, Optical and electrical studies on GaN , $Al_xGa_{1-x}N$ AND $Al_yGa_{1-y}N$ Based double heterostructures grown by Metal Organic Chemical Vapor Deposition (MOCVD)
184	Dr. M.KALIDASAN (2015)	EFFECT OF SWIFT HEAVY ION AND GAMMA RAY IRRADIATIONS ON BORATE BASED MATERIALS AND INVESTIGATIONS ON RARE EARTH DOPED BORATES FOR PHOSPHOR AND PHOTON UPCONVERSION APPLICATIONS
185	Dr. R.BASKARAN (2015)	A STUDY ON THE EFFECT OF DIMENSIONAL INSTABILITY OF MIRROR MATERIALS FOR AN OPTO-MECHANICAL REFERENCE SYSTEM

