

POSTER

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1	Effect of transition metal Pd(II) doping on potassium dihydrogen phosphate crystal	G. Ramasamy and Subbiah Meenakshisundaram	Department of chemistry Annamalai University, Annamalai Nagar-608 002.
2	Growth, Optical and thermal studies on non linear optical Single Crystal of N-(3-Nitrophenyl) Acetamide	S.Senthil , M.Victor, J.Madhavan *	J.Madhavan Department of Physics, Loyola College, Chennai - 600 034, India. Email:jmadhevang@yahoo.com
3	Optical and dielectric Properties of NLO active Meta Nitroaniline single crystals	M.Victor , S.Senthil, J.Madhavan *	J.Madhavan Department of Physics, Loyola College, Chennai - 600 034, India email: jmadhevang@yahoo.com
4	Growth and characterization of ADP doped thiourea single crystal by Sankaranarayanan and Ramasamy method	T. Ramya, K.Shanmugam and S. Kalainathan	S. Kalainathan School of Advanced Sciences, VIT University, Vellore - 632014 E-mail address: kalainathan@yahoo.com
5	Semiconductors opto electronic crystal	T.Murugan ,G.Sathya Moorthy	T.Murugan Ganathipathy Tulasi's Engg College Kaniyambadi Vellore murugantv.2@gmail.com
6	Growth of pure ammonium oxalate monohydrate and doped ammonium oxalate monohydrate crystals	R.Dhinesh Kumar*, Dr.A.Albert Irudayaraj, P.Vijayalakshmi	R.Dhinesh Kumar M.Phil, Department of Physics, Sacred Heart College, Tirupattur.
7	Realisation of non volatile memory devices using small organic molecules and polymer	Hari Murthy, A.Saranya , Kranthi Kumar	murthypotter@rediffmail.com

8	Growth, optical and dielectric studies on pure and doped L – Lysine monohydrochloride dihydrate single crystals	R. Robert, C. Justin Raj, S. Krishnan, R.Uthrakumar, S. Dinakaran, S. Jerome Das*	S. Jerome Das Department of Physics, Loyola College, Chennai - 600 034, India. E.mail: jerome@loyolacollege.edu, sjeromedas2004@yahoo.com	
9	Dielectric properties of vapour phase grown Cd_{1-x}Fe_xTe Single Crystals	J. Subramanyam, D. Raja Reddy, B. K. Reddy, N. Madhusudhana Rao, G. Krishnaiah	B. K. Reddy Department of Physics, S. V. University, Tirupati- 517 502 E-mail: borrak2001@yahoo.com	
10	Development of Zirconia minispheres and study of hardness	S.R. Thilagavathy , Suja Abraham, P. Mani	S.R. Thilagavathy Department of Physics, Hindustan Institute of Science and Technology, Padur, Tamilnadu e-mail: srthilagavathy@yahoo.com	
11	Optical and mechanical studies on Glycine added Ammonium dihydrogen phosphate single crystals	T. Josephine Rani, Fernando Loretta, S. Ramalingom, S. Perumal.	T. Josephine Rani Department of Physics, Holy Cross College Nagercoil	
12	Growth, Spectroscopic, Optical and mechanical studies of L-Valine Hydrobromide crystals	K. Kirubavathi, K.Selvaraju , S. Kumararaman	K. Kirubavathi Department of Physics, Government Arts College for Women, Kumbakonam-612 001,	
13	Growth and studies on some Ternary alkali lead bromide crystals	C.Kaladevi and C.K. Mahadevan	Physics Research Center S.T.Hindu College, Nagercoil – 629002,Tamilnadu	
14	Design and Development of solution growth set up with top seeded bidirectional rotation technique (TSBRT)	Neeti Goel and Binay Kumar*	Binay Kumar Crystal Lab, Department of Physics & Astrophysics, University of Delhi, Delhi-7. E.mail bkumar@physics.du.ac.in, b3kumar69@yahoo.co.in	
15	Synthesis, Characterization and Crystal structure of N-p-Tolune Sulfonyl α-Naphthyl amine	K. Sarojini* , , Charles C Kanagam, H. Krishnan	K. Sarojini Department of Physics, Valliamai Engineering College, SRM Nagar, Kattankulathur, Chennai - 603 203 sarojoe@gmail.com	

16	Dielectric and Optical properties of Triglycine Sulphate	Vijayakumar H Doddamani	Vijayakumar H Doddamani Associate Professor, Department of Physics, Bangalore University, Bangalore-560056, Karnataka, India E-amil:vhdmani@yahoo.com	
17	Positron Annihilation study in Czocharlski grown KCl-Br doped with CaCl₂	A.K. Verma , Chaturbhuj Ojha & A. K. Shrivastava	A. K. Shrivastava School of studies in physics, Jiwaji University Gwalior 4704091 M.P. E-mail- ashokdlp62@yahoo.com	
18	Synthesis, spectral and thermal studies of new nonlinear optical crystals: L- alaninium fumarate	C. Ramachandra Raja *, A. Antony Joseph and I. John David Ebenezar	C. Ramachandra Raja Government Arts College (Autonomous), Kumbakonam-612 001, Tamil Nadu,	
19	Crystal and molecular structure of 3-(4-Chlorophenyl)-1-(E)-1-(4-chlorophenyl)-2-[(4-chlorophenyl)sulfanyl]-1-ethenyl-4-[(4-chlorophenyl) sulfanyl]-1H-pyrazole.	S. Pandiarajan, B.Ravikumar, M.Rekha Devi, R. Manikannan, S. Muthusubramanian	S. Pandiarajan Department of Physics, Devanga Arts College, Aruppukottai	
20	Studies on the growth and characterization of L-Cystine Hydrobromide single crystals for NLO applications	P. Baskaran, M. Thairiyaraja, I. Cicil Ignatius, R.Valluvan, K.Selvaraju	P. Baskaran Department of Physics, Government Arts College, Ariyalur-621 713,TN	
21	Growth and characterization of pure and urea-doped Glycine Picrate(GP) single crystals	N.Balasundari, P.Selvarajan ,D.Jencylin, S.Lincy	N.Balasundari Physics Department,Infant Jesus college of Engineering ,keelavallanadu,Tuticoin Dist.	
22	Characterization Glycine Lithium Chloride(GLC) crystals	D.Jencylin Nava Rani, Dr.P.Selvarajan, N. Balasundari, S.Lincy	N.Balasundari Physics Department,Infant Jesus college of Engineering ,keelavallanadu,Tuticoin Dist.	
23	Growth and characterization of ADP mixed with bis-glycine sodium nitrate (BGSN), a novel semi-organic nonlinear optical crystal	S. Patle, N. Meshram*, A. Sheikh, Z. Khan, K. Rewatkar	N. Meshram Department of Physics, Ambetkar college of science, Nagpur.	
24	Simulation of SOI MOSFET with strained Si crystal as epitaxy using Synopsys TCAD tool	Mayank Chakraverty , Ritaban Chakravarty , Sandeep Mandava	M.Tech Nanotechnology, Nanotechnology Division, School of Electronics Engineering , VIT University, Vellore	

25	Growth and characterization of sodium oxalate single crystals by gel technique	R.Dhinesh Kumar, Dr.A. Albert Irudayaraj, P.Vijayalakshmi	R.Dhinesh Kumar M.Phil, Department of physics, Sacred Heart College, Tirupattur.	
26	New nonlinear optical material: L-alanine hydrogen chloride monohydrate (L-AIHCl) single crystal	T. Bharthasarathi, K. Russel Raj, T. Arumanayagam, A. Suvitha , P. Murugakoothan*	P. Murugakoothan PG and Research, Department of Physics, Pachaiyappa's College, Chennai	
27	Dielectric relaxation studies of N-substituted amide with Primary alcohol mixtures by Time Domain Reflectometry	K.Ramachandran	K.Ramachandran Department of Physics, Faculty of Engineering and Technology, SRM University, Chennai-600 026, Tamilnadu	
28	Studies on the Effect of EDTA doping on Nonlinear optical Guanidinium phosphite single crystal	K. Russel Raj and P.Murugakoothan	PG & Research Dept of Physics, Pachaiyappas College Chennai-30	
29	Studies of bis thiourea magnesium sulphate.	N.Balasundari , P.Selvarajan ,D.Jencylin ,S.Lincy	N.Balasundari Physics department, Infant Jesus college of Engineering keelavallanadu,tuticoin Dist.	
30	Growth of Cadmium Chalcogenide semiconductor thin films by thermal evaporation	T.M.Rajakumar , C.Sanjeeviraja and R.Chandramani	T.M.Rajakumar Rajkumar.T.M Asst.Prof Dayananda sagar College of Engg., Kumrasamy Layout, Bangalore-560078.	
31	Structural characterization of ZnO nano particles synthesized by microwave heating	D. Alice Rajabai, A. Moses Ezhil Raj*, M. Jayachandran, C. Sanjeeviraja	A. Moses Ezhil Raj Department of Physics, Scott Christian College (Autonomous), Nagercoil-629 001 e-mail: ezhilmoses@yahoo.co.in	
32	Growth and Optical characterization of Beta Alanine Cadmium Chloride single crystal	M. Daniel Sweetlin*, P. Selvarajan, S. Perumal and S. Ramalingom.	M. Daniel Sweetlin Physics Research Centre, S.T.Hindu College, Nagercoil – 629 002 danielsweetlin@gmail.com	

33	Growth and characterisztion of Pure and Ammonium doped L-Histidine Bromide single crystals	S.E. Joema*, S. Perumal, S. Ramalingam	S.E. Joema Scott Christian College, Department of Physics, Nagercoil-629003	
34	Non-linear absorption studies of newly synthesized chalcone derivatives	E. Deepak D'Silva and S.M. Dharmaprakash	S.M. Dharmaprakash Department of studies in Physics, Mangalore University, Mangalagangotri 574199, Karnataka, Email: smdharma@yahoo.com	
35	Single crystal growth of CeAg₂Ge₂ and their magnetic anisotropic properties	A. Jeyalakshmi, A. Thamizhavel and K. Srinivasan	A. Jeyalakshmi Crystal Growth Laboratory, Department of Physics, School of Physical Sciences, Bharathiar University, Coimbatore-641 046, Tamil Nadu	
36	Crystal growth and characterization of lithium paranitrophenolate trihydrate single crystal	S. Dinakaran, Sunil Verma*, S. Jerome Das	Sunil Verma Laser Materials Development & Devices Division, Raja Ramanna Centre for Advanced Technology, Indore- 452013 * Email: sverma1118@gmail.com,	
37	Growth of γ-glycine single crystals from water-ammonia solutions and their characterization	S. Anbuchudar Azhagan and K. Srinivasan*	e-mail: nivas_5@yahoo.com	
38	Growth and characterization of pure and potassium chloride-doped bis thiourea magnesium sulphate (BTMS) single crystals	J. Thomas Joseph Prakash, L. Ruby Nirmala, M. Iyanar, M. Lawrence, J. Felicita Vimala H. Sujatha	J. Thomas Joseph Prakash Dept. Of Physics, Thiru Kolanjiappar Government Arts College, Virudhachalam-606 001 E mail : armyjpr1@yahoo.co.in	
39	25 nm vertical pMOS by introducing thin SiGeC layers in the source and drain regions.	Mayank Chakraverty, Ritaban Chakravarty, Sandeep Mandava	M.Tech Nanotechnology, Nanotechnology Division, School of Electronics Engineering , VIT University, Vellore	

40	Nonlinear optical Properties of Benzimidazole single crystal using Z-Scan Technique	S. Rajasekar*, N. Vijayan and P.S. Joseph	S. Rajasekar Department of Physics, Syed Ammal Engineering College, Ramanthapuram -623 502, Tamil Nadu E-mail: rajasekarsaec@rediffmail.com	
41	Synthesis, growth, structural and morphology of L-Tartaric acid Nicotinamide organic NLO crystal.	C.Gnanasambandam and S.Perumal	Department of physics S.T.Hindu college, Nagercoil-629002	
42	Preparation and Characterization of Annealed V2O5 Thin Films Using Rf- Magnetron Sputtering	P.Hariharan*, M.Meikandan, Gopalakrishanan, C.H.Rajesh	P.Hariharan Department of Physics, Karunya University, Coimbatore E-mail : harisorai@karunya.edu	
43	Growth, optical and dielectric studies on Potassium Pentaborate Tetrahydrate single crystal grown by modified Sankaranarayanan – Ramasamy method	C. Justin Raj, S. Dinakaran, R. Uthrakumar, R. Robert, S. Jerome Das*	S. Jerome Das Department of Physics, Loyola College, Chennai-600 034 E.mail:sjeromedas2004@yahoo.com; jerome@loyolacollege.edu	
44	Optical, thermal and dielectric studies on sodium acid phthalate (SAP) single crystals	S. Krishnan, C. Justin Raj, S. Dinakaran, R. Uthrakumar, S. Jerome Das*	S. Jerome Das Department of Physics, Loyola College, Chennai-600 034 E.mail:sjeromedas2004@yahoo.com; jerome@loyolacollege.edu	
45	Growth and charecterization of urea ammonium diphosphate	T. Arumanayagam, P. Murugakoothan	P.G and Research Department of Physics, Pachaiyappa's College, Chennai - 30.	
46	Synthesis and characterization of CdS Nanoparticles	Gourav Das, Tummala Akshay Reddy, Prashant Kumar Pandey, K. Jagannathan* and S. Kalainathan**	K. Jagannathan Department of Physics, SRM University(City Campus), Vadapalni, Chennai-600026	
47	Synthesis and characterization of ZnS Nanoparticles	Tummala Akshay Reddy, Prashant Kumar Pandey, Gourav Das, K. Jagannathan* and S. Kalainathan**	K. Jagannathan Department of Physics, SRM University(City Campus), Vadapalni, Chennai-600026	

48	Structural, Electrical and Optical studies of II – VI semiconductors	Prashant Kumar Pandey, Gourav Das, Tummala Akshay Reddy, K. Jagannathan* and S. Kalainathan	K. Jagannathan Department of Physics, SRM University(City Campus), Vadapalni, Chennai-600026	
49	Growth and structural determination of 3-Acetyl-4-hydroxyphenyl acrylate	V. Azeezaa, A. Joseph Arul Pragasam, and G. Usha	V. Azeezaa Department of Physics, SRR Engineering college, Chennai- 603 103.	
50	Studies of pure and thiourea-doped □-glycine crystals grown by slow evaporation technique	P.Selvarajan *, J.Glorium Arul Raj , S.Perumal	P.Selvarajan Department of Physics, Aditanar College of Arts and Science, Tiruchendur-628216, Tamil Nadu. E-mail: pselvarajanphy@yahoo.co.in	
51	Growth and characterization of Tetraglycine strontium chloride(TGSC) crystals	B. Helina, P. Selvarajan, A. S. J. Lucia Rose	B. Helina Department of Physics, VOC College, Tuticorin, Tamil Nadu	
52	Growth and characterization of urea and ferric chloride doped brushite crystals-Gel methode	N. Buvaneswari, B. Gandhimathi, D. Jaikumar*	D.Jaikumar Department of Physics, Voorhees College, Vellore, Tamil Nadu, 632 001	
53	Hall effect studies of HfSe2 and HfS2 crystal grown by CVT method	K.Radhakrishnan and K.Mohanan Pillai	K.Radhakrishnan NSS Hindu College,Changanacherry Kerala-689102	
54	Growth and characterization of potassium thiocyanate doped KDP single crystal by Sankaranarayanan and Ramasamy method	B. Shalini , K.Shanmugam and S. Kalainathan	S. Kalainathan School of Advanced Sciences, VIT University, Vellore - 632014 E-mail address: kalainathan@yahoo.com	
55	Optical, Mechanical and Dielectric studies of NLO active material	R. Priya, S. Krishnan, C. Justin Raj, and S. Jerome Das*	S. Jerome Das Department of Physics, Loyola College, Chennai-600 034 sjeromedas2004@yahoo.com, jerome@loyolacollege.edu	

56	Synthesis of Li-Doped ZnO nanorods for Ferroelectric, Dielectric and Optical Applications	Manoj K. Gupta and Binay Kumar*	Binay Kumar Crystal Lab, Department of Physics & Astrophysics, University of Delhi, Delhi-7. e-Mail: bkumar@physics.du.ac.in, b3kumar69@yahoo.co.in	
57	Dielectric properties of BTCC –BTCl – mixed crystals	I. S. Prameela Kumari and C.K. Mahadevan	Physics Research Centre, S.T. Hindu College, Nagercoil – 629 002, Tamil Nadu	
58	Growth and spectral characterization of strontium malonate crystals	Varghese Mathew, Jochan Joseph, Sabu Jacob, K.E. Abraham	Varghese Mathew St. Aloysius' College, Edathua Alappuzha, Kerala,	
59	Spectroscopic Analysis and Identification of Minerals Present in the Crystals of Rock Samples	Andrew M. Appaji and Dr S. Kumararaman	Andrew M. Appaji Dept of Physics Noorul Islam University, Tamil Nadu Email:andrew.appaji@gmail.com	
60	Growth and Characterization of ZnO Nanorods and Nanowalls using Pulsed Laser Deposition	T. Premkumar, V. Ganesh, S. Suresh, Y. S. Zhou, Y. F. Lu and K. Baskar*	Prof. K. Baskar, Crystal Growth Centre, Anna University, Chennai - 600 025. Email: baskar@annauniv.edu	
61	Studies of Urea L-malic acid (ULMA) crystals grown in different solvents	B. Sivasankari and P.Selvarajan	P.Selvarajan Department of Physics, Aditanar College of Arts and Science, Tiruchendur-628216, Tamil Nadu. E-mail: pselvarajanphy@yahoo.co.in	
62	Characterization of L-alanine lithium sulphate crystals grown by slow evaporation technique	B. Sivasankari and P.Selvarajan	P.Selvarajan Department of Physics, Aditanar College of Arts and Science, Tiruchendur-628216, Tamil Nadu. E-mail: pselvarajanphy@yahoo.co.in	

63	Liquid phase epitaxial growth and characterization of Zn₃As₂ on GaAs substrates	M. Nagarajan and K. Baskar*	M. Nagarajan and K. Baskar Crystal Growth Centre, Anna University, Chennai – 600 025, India Email: baskar @annauniv.edu crystalbaskar@yahoo.com	
64	FTIR, XRD and non linear efficiency study on ammonium dihydrogen phosphate crystals	A. Jegatheesan, P. Muthusamy and G. Rajarajan*	G. Rajarajan Department of Physics, Velalar College of Engineering and Technology, Erode – 638 012	
65	Growth and Characterization of LaMnO₃ Crystals	S. Kumararaman and T. Thaila	S. Kumararaman Department of Physics, Nehru Memorial College Puthanampatti – 621 007	
66	A comparative study on the growth and characterization of α and γ-glycine single crystals from solution and gel	S.Sankar, S.D. Gopal Ram, MR. Manikandan, G. Ravi*	G.Ravi Department of Physics, Alagappa University, Karaikudi – 630 003 E-mail:raviganesa@rediffmail.com	
67	Growth of DAST crystals using new solvent and its characterization	MR.Manikandan, S.Sankar, S.D.Gopal Ram, G.Ravi*	G.Ravi Department of Physics, Alagappa University, Karaikudi – 630 003 E-mail:raviganesa@rediffmail.com	
68	Positron Annihilation study in Czocharlski grown KCl-Br doped with CaCl₂	A.K. Verma , Chaturbhuj Ojha & A. K. Shrivastava	A.K. Verma Govt Post Graduate College Dholpur 328001 Rajasthan India	
69	Study on the effect of ionic strength in the solution on the shape of nano-ZnO developed by hydrothermal method	S.D. Gopal Ram, G. Ravi*, M. Anbukulandainathan	G.Ravi Department of Physics, Alagappa University, Karaikudi – 630 003 E-mail:raviganesa@rediffmail.com	
70	Crystal Growth and Characterization of Nonlinear Optical TriGlycine Zinc Chloride	M.R.Suresh Kumar & S.M.Dharmaprakash	M.R.Suresh Kumar Department of Physics, Karunya University, Coimbatore	

71	Growth and characterization of cadmium thiourea chloride and cadmium thiourea iodide Single crystal	B. Sumathi, N. Umamaheswari, D. Jaikumar, S. Kalainathan	D.Jaikumar Department of Physics, Voorhees College, Vellore, Tamil Nadu, 632 001	
72	Role of Metal Ions in Tuning the Optical Nonlinearity of Thiourea Metal Complexes for Frequency Conversion Applications	T.C. Sabari Girisun*, V. Balaji and P. Vijaya Kumar	T.C. Sabari Girisun Department of Physics, Bishop Heber College, Tiruchirappalli – 17	
73	Studies on the synthesis, Growth, Crystal Structure and Nonlinear Optical Properties of a Novel Organic Nonlinear Optical Crystal	B.Dhanalakshmi,	B.Dhanalakshmi Senior Lecturer, Department of Physics, Asan Memorial College of Engg. & Tech. Chengalpattu.	