

DETAILS OF INDIVIDUAL TEACHERS

ACHARYA NAGARJUNA UNIVERSITY

1. Name : Dr. S. SREEDHARI SASTRY
2. Designation : PROFESSOR
3. Department : PHYSICS
5. Qualifications : M.Sc., M. Phil., Ph. D.
6. Date of Birth : 31-05-1955
7. Date of Joining : 16-08-1988
8. Phones: Cell: 9490432955, 8639163357
9. Email ID : sreeharisastry@yahoo.com



10. Academic Qualifications:

	Degree	Year	Subject	University/Institution	% of marks
1.	B.Sc.	1975	Physics Main	Andhra University	70.9
2.	M.Sc	1977	Physics	Andhra University	60.1
3.	M.Phil	1980	Physics	Nagarjuna University	'A' grade
4.	Ph.D.	1987	Physics	Nagarjuna University	--

11. Title of Ph.D. Thesis :

Title of Thesis	University from which PhDs awarded	Awarded Year
Dielectric studies of some solids at radio frequencies	Nagarjuna University	1987

12. Professional Career:

- Teaching Experience: 30 Years
- Administrative Experience: 10 Years
- Research Experience: 46 Years

13. Research Activities :

Solar Energy (thermal), Dielectrics, Liquid Crystals , Ultrasonics - Materials Science,

14. Research Students Information (Awarded):

Guided Successfully		Presently Guiding	
Ph.D.	M.Phil	Ph.D	M.Phil
25	22	0	0

15. Professional Achievements:

I possess 30 years of experience in teaching and 46 years in research. Throughout my career, I have delivered various unique courses in Physics to postgraduate students. Started Solar energy M.Phil course in Nagarjuna University and also a specialization Solar Energy subject to M.Sc. Physics course.

My research has been primarily focused on Materials science in condensed matter physics like glass materials, exploring their applications s. I am proud to have supervised and mentored a total

of 25 Ph.D. and 22 M. Phil. students, all of whom exclusively conducted their research on the above said materials under my guidance.

In addition to my teaching and mentoring roles, I have contributed significantly to the scientific community through the publication of over 160 research articles in highly esteemed, peer-reviewed journals. Furthermore, I hold membership in several prestigious professional scientific bodies, actively engaging in the advancement and dissemination of knowledge within the field of physics. I gave motivation lectures at various college while attending to the colleges and universities towards research and job oriented courses. Operated UGC minor and major projects, DRDO projects, DST FIST, UGC DRS and UGC DSA-1 projects as Principal Investigator and Head and also as coordinator respectively. After superannuation, I continued research with the award of UGC BSR FACULTY FELLOWSHIP for 3 years and continued with another 3 years till 31 December, 2022. Reviewer to ELSEVIER and Thomson Reuters and other journals. Image analysis technique started in liquid crystals in India to determine several physical parameters of liquid crystals.

16. No. of books published :

S.No	Title	Author's Name	Publisher	Year of Publication
1.	Intermediate Physics 1 st year and 2 nd year	Coordinator and lesson writer English and Telugu Medium	Telugu Academy	2012 First year -1+1 2013 second year 1+1
2	B.Sc Physics 1 st , 2 nd & 3 rd year to Acharya Nagarjuna University Distance Education Study Material	Coordinator and lesson writer English and Telugu Medium	Acharya Nagarjuna University	2006 First year 1+1 2007 Second year 1+1 2008 Third year 2+2
3	M.Sc. Physics Previous and Final year to Acharya Nagarjuna University Distance Education Study Material	Coordinator and lesson writer English Medium only	Acharya Nagarjuna University	2004 First year 5 2005 second year 5

17. No. of Research Papers published in peer reviewed journals: 164

with h-index: 33 and Citation Index: 3084 (as on Apr, 2023) (For details please see the Appendix)

Journals 164	
National (08)	International (156)
Published in Thomson and Reuters, Scopus, and others h-index: 22 , I 10 Index: 48 and Citation Index: 1287 (as on July, 2023)	

- Number of National and International Conferences attended and presented papers: 125

18. Details Major/Minor Research Projects held/holding:

List of completed projects as PI and without Co-PI (of Prof. S.Sreehari Sastry)

S.No.	Project title	Duration From -To	Funding agency	Quantum of Funds sanctioned in Rupees
1.	Electrical and Magnetic field effect on some liquid crystals PI	1999-2000	UGC	15,000/-
2	Self Organisation through hydrogen bond PI	2000-2002	UGC	30,000/-
3	Studies on supramolecular hydrogen bonded liquid crystal materials PI	2003-2006	UGC	2,42,000/-
4	Synthesis and Characterization of novel liquid crystalline materials PI	2005-2008	DRDO	14,99,750/-
5	Synthesis and Characterization of novel ferroelectric liquid crystalline materials PI	2009-2012	UGC	5,59,800/-

6	Synthesis of novel cholesterics and characterization by several techniques PI	2010-2012	DRDO	14,96,000/-
7	DRS Level III- (SAP-1) Co-ordinator	1999-2014	UGC	30,00,000/-
8	FIST Program-Level-1 (HEAD)	2003-2008	DST	13,50,000/-
9	FIST Program –Level- II (HEAD)	2011-2016	DST	76,00,000/-
10	DSA Level I – (SAP-1) Co-ordinator	2014 -	UGC	1,18,50,000/-
11.	UGC BSR Faculty Fellow	2017-2020	UGC	33,00,000/-
12	UGC BSR Faculty Fellow Extended	2020- Dec 2022	UGC	with no cost

19. Research Collaboration with the faculty of foreign Universities:

I have collaborative research work with the Professors from

- (i) Jackson state University, USA
- (ii) UniversitiTunku Abdul Rahman, Jalan Universiti, Perak, Malaysia

20. Memberships of Professional bodies:

- Life Member of Instrumentation Society of India
- Life Member of The Indian Association of Physics Teachers
- Life Member of Solar Energy Society of India

21. Academic Council/ BOS/Other Committee Members:

- Head, Department of Physics, ANU-
- Head, Department of Electronics and Instrumentation Technology, ANU
- Head, Department of Nano-Technology- ANU
- Chair Person, PG Board of Studies in Physics, ANU-
- Chair Person, PG Board of Studies in Electronics and Instrumentation Technology, ANU-
- University Representative to Academic council Hindu college [Autonomous], Guntur,
- University Representative to Academic council JMJ Degree College [Autonomous], TENALI,
- University Representative to Academic council JKC college [Autonomous), GUNTUR
- UGC Nominee to UGC DRS to Kakatiya University
- Selection committee member as subject expert to UG and PG teachers and to CAS promote committee in AP

Signature of the Teacher

Appendix

1. Publications (List of papers published in Journals, in year wise descending order).

S.No.	Author(s)	Title	Name of Journal	Volume	Page	Year
164	N. Rajya Lakshmi, K; Lakshmi Sarada, C. Uma Devi and S. Sreehari Sastry	Synthesis, Characterization and Phase Transition Studies in Hydrogen Bonded Liquid Crystal <i>p</i> -Octyloxy Benzoic Acid: <i>p</i> - (<i>p</i> '-Ethoxy Benzylidene)- Cyano Aniline (8OBA: EBCA)	IJRSET International Journal of Innovative Research in Science, Engineering and Technology	12(5)	4707-4714	2023
163	B. Satyanarayana Sai, K; Lakshmi Sarada, C. Uma Devi and S. Sreehari Sastry	Infrared and Thermal Studies on Mesogenic <i>p</i> - Decyloxy Benzoic Acid:Hexyl <i>p</i> -Hydroxy Benzoate (10OBA:6HB)	IJRSET	12(4)	3735-3741	2023
162	D. Indrani, K; Lakshmi Sarada, C. Uma Devi and S. Sreehari Sastry	Synthesis and Characterization of 9OBA :EBCA Intermolecular Hydrogen Bonded Mesogen	IJRSET	12(4)	3079-3086	2023
161	K. Srisanthi, T. Vishwam, C. Uma Devi, S. Sreehari Sastry	The behavior of benzene with parabens in isopropanol by using ultrasonic and volumetric experiments	Rasayan J. Chemistry	16(1)	111-121	2023
160	Bindu Madhavi, S Sreehari Sastry, C.Umadevi and LNVH Soma Sundar	estigations on cholesterol derivative mesogens	Mol.Cryst. Liq.Cryst.			2022
159	A.V. Ramana Rao, C. Umadevi, S. Sreehari Sastry	Microwave and Refractive index studies on Propyl pohydroxy benzoate and isopropanol binary system in benzne for various concentrations	IJRSET	11(8)	4639-4645	2022
158	K. Srisanthi, T. Vishwam, C. Uma Devi, S. Sreehari Sastry	Ultrasonic, Refractometry, FT-IR, and DFT studies on hydrogen bonding interactions of Ethylene glycol/Hexanol binary mixtures	Asian J. Chem	34(5)	1171-1182	2022
157	C. Kamalakar, C.J. Sreelatha, K. Mallika, Ha Sie Tiong, S. Sreehari Sastry	Luminance and Chrominance parameters through image analysis in ferroelectric liquid crystals	Liq. Cryst,	Published online: 24 Feb 2022		2022
156	C. Kamalakar, C.J. Sreelatha, K.Mallika, A.V.N. Ashok Kumar and S. Sreehari Sastry	Application of image analysis using textures of hydrogen bond Py14BA: <i>n</i> FA for mesogen parameters	Rasayan J. Chemistry	15(2)	773-779	2022
155	M.V.V.K. Srinivas Prasad. C. Umadevi and S. Sreehari Sastry	Induced smectic-G phase through intermolecular hydrogen bonding - thermal and phase Behaviour of 5BA:EBCA mesogen	ANUJPS	XIII(I)	42-52	2021
154	K. Srisanthi, T. Vishwam, C. Uma Devi, S. Sreehari Sastry	Theoretical Evaluation of Acoustic Velocities, and Viscosities in Liquid Mixtures of Butyl/Pentyl Parabens and isopropanol in Benzene	ANU JPS	XIII(I)	53-66	2021
153	M. Venkateswarlu, C. Uma Devi, Ha Sie Tiong and S. Sreehari Sastry	Optical and dielectric studies of butyl <i>p</i> -hydroxy benzoate and isopropanol binary system in benzene,	IJARESM	9(9)	277-284	2021
152	N.K.S.P.S. Sarma, C. Uma Devi, S. Sreehari Sastry	Dielectric Studies on Heptyl <i>p</i> -Hydroxy Benzoate Using Cavity Perturbation Technique	IJARESM	9(8)	697-704	2021
151	S.V. Kumara Sastry, C. Uma Devi, and S. Sreehari Sastry	Phase transition studies in <i>p</i> -pentyl benzoic acid: <i>p</i> - butyl hydroxy benzoate (5BA:BHB) liquid crystal	IJARESM	9(8)	54-62	2021

150	A.V.N. Ashok Kumar and S. Sreehari Sastry	Induced smectic – G phase through intermolecular hydrogen bonding – study of thermal and phase behaviour of (5OBA:EBCA) <i>p</i> -pentyloxy benzoic acid: <i>p</i> -(<i>p</i> '-ethoxy benzylidene)-cyano aniline,	IJAEM	3(7)	2808-2815	2021
149	V. Lakshmi Sirisha Rani, Ha Sie Tiong, S. Sreehari Sastry	Thermal, infrared and NMR studies on hydrogen bonded mesogen <i>p</i> -decyloxy benzoic acid:cinnamamid(10OBA: CND)	IJARESM	9(7)	1582-1591	2021
148	K.Kiran, Ha Sie Tiong and S. Sreehari Sastry,	Dielectric investigations on pentyl <i>p</i> -hydroxy benzoate,	IJERT,	10(7)	175-180	2021
147	V, Radha Krishna, Ha Sie Tiong and S. Sreehari Sastry,	Dielectric investigations using cavity perturbation technique in X-band at room temperature on nonyl <i>p</i> -hydroxy benzoate	IJRSET	10(7)	9656-9662	2021
146	K. Parvateesam, V. Radha Krishna and S. Sreehari Sastry,	Dielectric investigations of nonyl <i>p</i> -hydroxy benzoate at room temperature	IJRSET	10(7)	9123-9130	2021
145	T. Kalyani and S. Sreehari Sastry	Investigations on mesogenic 10BA:TMD (<i>p</i> -decyl benzoic acid: <i>o</i> -toluamide)	IJRSET	10(6)	8100-8107	2021
144	B. Gowri Sankara Rao, K. Mallika, Sie Tiong Ha and S. Sreehari Sastry	<i>Birefringence and order parameter studies in Ferroelectric liquid crystals</i>	Z Natu-rforsch A	76(2)a	163 - 168	2021
143	T. Kalyani, K. Mallika, A.V.N. Ashok Kumar and S. Sreehari Sastry	<i>Computation of liquid crystal display device parameters through image analysis in supramolecule MA:nOBA</i>	Liq. Cryst.	48(1)	1-14	2021
142	K. Srisanathi, Sk. Suriya Shihab, K. Mallika and S. Sreehari Sastry	<i>Molecular interaction parameters through FTIR spectral analysis</i>	Ponte	76(11)	129 – 143	2020
141	L.N.V.H. Somasundar, K.Mallika, Sie Tiong Ha and S.Sreehari Sastry	<i>Comparative Study by Image Analysis in Halogenated Schiff Base Liquid Crystals</i>	IJRSET	76(11)	8559 - 8566	2020
140	K. Srisanathi, Sk. Suriya Shihab, T. Vishwam and S. Sreehari Sastry	<i>Thermo-acoustic parameters evaluation of binary mixtures of propylene glycol and hexanol at T=303.15K, 313.15K, and 323.15K</i>	Ponte	76(9)	185-195	2020
139	T.Kalyani, K.Mallika,A.V.N. Ashok Kumar and S. Sreehari Sastry,	<i>Thermo-optical parameters through image analysis in MA:nOBA mesogens using MATLAB</i>	International Journal of Application or Innovation in Engineering & Management (IJAEM)	9(7)	146-158	2020
138	Suriya Shihab, S.M. Ibrahim, T. Vishwam and S. Sreehari Sastry	<i>Study of thermo-acoustic parameters of ethylene glycol with 1-alkanols</i>	Ponte	76 (3)	156-181	2020
137	T. Kalyani, L.N.V.H. Somasundar, K. Mallika and S. Sreehari Sastry	<i>Induced crystal G Phase through intermolecular Hydrogen Bond constructed by p-n-Alkoxy Benzoic Acids with Ortho-Toluamide (nOBA:TMD)</i>	International Journal of Engineering Research & Technology IJERT	9(2)	649-653	2020
136	K. Lakshmi Sarada, A.V.N. Ashok Kumar, K. Mallika and S. Sreehari Sastry	<i>Image analysis studies in re-entrant SmC phase on hydrogen bonded liquid crystal SA:10OBA</i>	Ponte	76(2)	185-195	2020
135	T. Kalyani, K. Mallika, A.V.N. Ashok Kumar and S. Sreehari Sastry	<i>Image analysis studies on supra-molecule MA:nOBA liquid crystals</i>	Ponte	76(1)	122-138	2020

134	S.M.Ibrahim and S. Sreehari Sastry	<i>Study of acoustical parameters in binary liquid mixtures of ethylene Glycol with Ethanol at different temperatures</i>	Ponte	75(8/1)	1-9	2019
133	S.M.Ibrahim and S. Sreehari Sastry	<i>Acoustical parameters in binary liquid mixtures containing Glycerol and Ethanol at five different temperatures T=(298.15, 303.15, 308.15, 313.15 and 318.15) K</i>	Ponte	75(8/1)	118-125	2019
132	S.M.Ibrahim and S. Sreehari Sastry	<i>Excess acoustical parameters study in liquid mixtures containing ethanol and ethylene glycol at different temperatures</i>	Review of Research	8(8)	1-3	2019
131	S.M.Ibrahim and S. Sreehari Sastry	<i>Thermo-acoustical parameters in binary liquid mixtures containing propylene glycol and ethanol at different temperatures</i>	Review of Research	8(7)	1-5	2019
130	A. Bindu Madhavi and S. Sreehari Sastry	<i>Rheological properties of Cholesteric liquid crystals as lubricant additives</i>	Intern. J Mod. Phys. B	33(05)	Article 1959914(14pages)	2019
129	Phaneendra Konduru, Awana Veer Pal Singh, Asokan Kandasami, Kanjilal Dinakar, and S Sreehari Sastry	<i>Enhancement of superconducting parameters of MgB₂ by Low Energy Carbon Ion Irradiation</i>	Nuclear Instruments and Methods in Physics Research B	438C	42-47	2019
128	Ch. Kamalakar, C. J. Sreelatha, S. Sreehari Sastry, and D.M. Potukuchi	<i>Luminance parameters through image analysis technique in supramolecule PyB14A: nFA mesogens</i>	IJMERT	5(4)	81-89	2018
127	Suriya Shihab, T. Vishwam, and S. Sreehari Sastry	<i>Study of molecular interactions through Density, Viscosity and Ultrasonic measurements of Propylene Glycol and Heptanol binary mixtures</i>	IJMERT	5(4)	55-65	2018
126	S.M. Ibrahim, T. Vishwam, and S. Sreehari Sastry	<i>Temperature dependence of acoustical and excess acoustical parameters in Propylene Glycol and Ethanol binary liquid mixtures</i>	IJMERT	5(4)	15-24	2018
125	Ch. Kamalakar, C. J. Sreelatha, K. Mallika, D.M. Potukuchi and S. Sreehari Sastry	<i>Application of Image Analysis Technique to Supramolecule PyB14A:nFA Liquid Crystals Through Hydrogen Bond</i>	IJRSET	7(10)	10807-10813	2018
124	LNVH Somasundar, K. Mallika, Ha Sie Tiong and S. Sreehari Sastry	<i>Study of thermo-optical parameters for device applications by image analysis</i>	IJMERT	5(3)	218-227	2018
123	Ch. Kamalakar, C. J. Sreelatha, D.M. Potukuchi and S. Sreehari Sastry	<i>Phase transition temperatures through temperature dependence of statistical parameters by image analysis on Pyl4BA:nFA mesogens</i>	IJRSET	7(9)	10001-10006	2018
122	Sk. Azam Tunnisa and S. Sreehari Sastry	<i>Application of Image Analysis to p-(p'-octyloxy benzylidene)-p-cyanoaniline Liquid Crystal for Statistical Parameters</i>	IJERT	7(6)	45-48	2018
121	L Tanuj Kumar, B. Rupa Venkateswara Rao, P.Valli Rani, S. Sreehari Sastry	<i>Dipole moment Studies of Ethoxy Phenyl Azo Phenyl Valerate</i>	International Journal for Science and Advance Research in Technology (IJSART)	4(3)	827- 831	2018
120	L Tanuj Kumar, B. Rupa Venkateswara Rao, S. Sreehari Sastry	<i>Thermal and Dielectric behaviour of nematic EPAP Valerate mesogen</i>	International Journal of Creative	6(1)	966-969	2018

			Research Thoughts (IJCRT)			
119	L Tanuj Kumar, B. Rupa Venkateswara Rao, P.Valli Rani, S. Sreehari Sastry, Ha Sie Tiong	<i>Confirmation of Phase transitions through Dielectric studies of Liquid Crystals</i>	(IJCRT)	6(1)	936-941	2018
118	M. Pothuraju, Ch. Singaraiah and S. Sreehari Sastry	<i>Molecular Interactions in Binary Mixture of Propylene Glycol and 1-Heptanol at 303K</i>	International Journal of Engineering Research & Technology	7(5)	563-568	2018
117	Ch.L. Vineela, G. Tirumala, S.T. Ha and S. Sreehari Sastry	<i>Study of Statistical Parameters through Image Analysis Technique of 16ABBA Liquid Crystal</i>	Int. Journal of Engineering Research and Application, (IJERA)	7(8)	05-13	2017
116	S. Sreehari Sastry, M. Sailaja, S. Lakshminarayana and S.T. Ha	<i>Computation of Liquid Crystal Display Device Parameters Through Image Analysis</i>	IJERA	7(7)	24-31	2017
115	L.N.V.H. Somasundar, K. Mallika, Ha Sie Tiong, S. Sreehari Sastry	<i>Temperature dependence of Legendre moments in thermotropic liquid crystals</i>	IJERA	7(6)	06-11	2017
114	T Vishwam, N K S P S Sarma, V R K Murthy & S Sreehari Sastry	<i>Dielectric relaxation studies of acetonitrile/propylene glycol and their binary Mixtures,</i>	Ind. J. Pure and Appl. Phys.	55(6)	403-412	2017
113	L.N.V.H.Soma Sundar, K. Mallika, KB.Mahalakshmi, Ha Sie Tiong, S. S/ Sreehari Sastry	<i>Application of Image Analysis for Liquid Crystals Phase Transition Temperatures</i>	IJERT	6(2)	562-573	2017
112	N.V.H.S. Sundar, K. Mallika, K.B. Mahalakshmi, Ha Sie Tiong, S.Sreehari Sastry	<i>Order parameter Studies By Image Analysis,</i>	IJIRSET	6	2272-2276	2017
111	Sreehari Sastry, A. Bindu Adhavi ^a , T. Vishwam, Ha Sie Tiong	<i>Dielectric studies in p-n-Alkoxy benzoic Acid Liquid Crystals,</i>	IJERT	6	563-568	2017
110	S. Sreehari Sastry, M. Sailaja, S. Lakshminarayana and S.T. Ha	<i>Computation of Liquid crystal display device parameters through image analysis</i>	IJERA	7	24-31	2017
109	N .K.S.P.S. Sarma, Vishwam.T., Parvateesam. K, Sreehari Sastry S and Murthy. V.R K.,	<i>Dielectric spectroscopic studies of propylene glycol/acetonitrile mixtures</i>	IJPAP	54(5)	403-412	2017
108	Suriya Shihab, T. Vishwam, V.R K. Murthy, Ha Sie Tiong , S.SreehariSastry	<i>Microwave dielectric relaxation spectroscopy study of propylene glycol/ethanol binary mixtures: Temperature dependence,</i>	Spectrochimia Acta Part A Molecular Biomolecular. Spectros-copy	179	74-82	2017
107	ong-Wei Cheryl Lim, Sie-ong Ha, Guan-Yeow Yeap, S. Sreehari Sastry,	<i>Synthesis and mesomorphic properties of new heterocyclic liquid crystals with central Ester–Chalcone linkages,</i> Journal of Taibah University for Science .	Journal of Taibah University for Science	11	133-140	2017
106	Ch. Sowjanya and S. Sreehari Sastry.	<i>Dielectric, Density and viscosity studies in binary mixtures of propylene Glycol and 1- Pentanol at room temperature”,</i>	IJERT	6	17-22	2017

105	D.Uma maheswara Rao, S.Sreehari Sastry	<i>Ultrasonic study of excess thermodynamic parameters in binary mixtures Propylene Glycol and Hexanol</i>	IJRSET	6	4444-4448	2017
104	Ch.Hema Lakshmi and S. Sreehari Sastry	<i>Study of Supramolecule through intermolecular Hydrogen bond in DBA:TMD Liquid crystals</i>	IJERT	6	225-228	2017
103	V.Priyanka and S.Sreehari sastry	<i>Statistical parameters and Phase transition temperatures of Nematic liquid crystals using Image analysis Technique</i>	IJRSET	6(3)	4158-4163	2017
102	Ch.Venkayamma and S.Sreehari Sastry	<i>Temperature dependence of Optical parameters by Image Analysis in Nematic Liquid Crystals</i>	IJERT	6	142-145	2015
101	Vishwam, T.; Parvateesam, ; Shaik Babu.; Sreehari Sastry,S.; Murthy, V.R K	<i>Study of excess dielectric and thermodynamic parameters of hydrogen bonded System: isobutanol and ethyl propanoate.</i>	Ind. J. Pure and Appl. Phys	54	597-611	2016
100	Kok-Leei Foo, Sie-Tiong Ha, Chien-Min Lin, Hong-Cheu Lin, Siew-Ling Lee,Guan-Yeow Yeap , S. Sreehari Sastry	<i>Synthesis, characterization and mesomorphic properties of new symmetrical dimer liquid crystals derived from benzothiazole,</i>	Karbala International J Modern Sci I	1	152-158	2015
99	Sreehari Sastry, S.; Suriya Shihab Sk., Sie Tiong Ha	<i>Temperature Dependence of Excess Parameters for Binary Mixtures of 1-4 Butanediol and 1-Alkanols by Ultrasonic Technique,</i>	IJERT	4	611-621	2015
98	Sreehari Sastry, L Tanuj Kumar, D.M.Potukuch and Ha Sie Tiong	<i>Cross-over Temperature for Distinct Low-Frequency Modes in Ferro Electric liquid crystalline phases,</i>	IJERT	4	81-89	2015
97	T. Vishwam, N.K.S.P.S. Sarma, K Parvateesam, S. Sreehari Sastry and V.R K.Murthy	<i>Dielectric spectroscopic studies of propylene glycol/aniline mixtures at temperatures between 303 to 323K</i>	IJERT	4	1-9	2015
96	S. Sreehari Sastry, S.M. Ibrahim, M. Sailaja, T. Vishwam and Ha Sie Tiong	<i>Correlation of hydrogen bond through eigen value analysis</i>	J. Mol. Liq	212	612-617	2015
95	Sreehari Sastry, S.; Srinivas Prasad, M.V.V.K.; Rupa Venkateswara Rao, B.	<i>Effect of alkali modifier ion on spectroscopic properties of Cu²⁺ doped lead zinc phosphate glass system</i>	Ind. J. Phys.	89	1169-1175	2015
94	Sreehari Sastry, S.; Rupa Venkateswara Rao, B.	<i>Spectroscopic characterization of manganese doped Alkaline earth Lead Zinc Phosphate Glasses.</i>	Bull Mat. Sci.	38	475-482	2015
93	Sreehari Sastry, S.; Srinivas Prasad, M.V.V.K.; Rupa Venkateswara Rao	<i>Spectroscopic and Physical Properties of Mn²⁺ spin probe in RO-P₂O₅-ZnO-Pb₃O₄ (R=Li,Na and K) Glasses</i>	IJERA	4	159-165	2015
92	Sreehari Sastry, S.; Srinivas Prasad, M.V.V.K.; Rupa Venkateswara Rao, B	<i>Spectroscopic and Bonding Properties as A Probe in the Symmetry of PbO-P₂O₅-ZnO-V₂O₅ Glass System With Alkali Oxides,</i>	IJRSET	4	1928-1934	2015

91	Sreehari Sastry, S.; Srinivas Prasad, M.V.V.K.; Rupa Venkateswara Rao, B	<i>Structural Investigations of Cr³⁺ Ions Doped Alkali Lead Zinc Phosphate Glasses,</i>	IJIRSET	4	1032-1039	2015
90	Sreehari Sastry, S.;Ibrabim,S.M.; Tanuj Kumar, L.; Shaik Babu.; Sie Tiong, Ha	<i>Excess thermodynamic and acoustic properties for equimolar mixture of ethyl benzoate and 1-alkanols with benzene at 303.15 K.</i>	IJERT	4	315-324	2015
89	Sreehari Sastry, S.; Rupa Venkateswara Rao, B	<i>Influence of various glass compositions on physical and spectroscopic properties of CaO-Pb₃O₄-ZnO-P₂O₅ glass system</i>	IJIRSET	4	18681-18690	2015
88	Sreehari Sastry, S.; Rupa Venkateswara Rao, B.; Vishwam.T	<i>Spectroscopic Studies of chromium doped Alkali earth Lead Zinc PhosphateGlasses.,</i>	J. Phys	89	83-90	2015
87	Sreehari Sastry, S.; Lakshmi Sarada,K.; Mallika, K.;Tanuj Kumar, L.; Sie Tiong,Ha	<i>Determination of Thermo Optical Parameters Using Image Analysis Technique in nBA:7HB Hydrogen Bonded Liquid Crystals</i>	IJIRSET	4	18470-18479	2015
86	Sreehari Sastry, S.;Rama Murthy, P.;Gowri Sankara Rao, B.; Sie Tiong, Ha	<i>Thermo-optical and order parameter studies by image analysis</i>	IJERT	3	911-915	2014
85	Sreehari Sastry, S.;Rupa Venkateswara Rao , B	<i>Structural and optical properties of Vanadium doped Alkali earth Lead Zinc PhosphateGlasses</i>	JPAP	52	491-498	2014
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81	Sreehari Sastry, S.;Lakshmi Sarada, K.; Mallika, K.; Nageswara Rao, C.;Lakhminarayana, S.; Sie Tiong, Ha	<i>Eigen value analysis studies on hydrogen bonded mesogens</i>	Liquid Crystals	41	1483-1494	2014
80	Sreehari Sastry,S.; Tanuj Kumar, L.; Vishwam, T.; Murthy, V.R.K.; Lakshminarayana, S.; Sie Tiong, Ha.	<i>Dielectric studies on Fe₃O₄ nanodoped p-n alkyloxybenzoic acids.</i>	Adv. Cond. Matt. Phys. Matt. Phys.	Article ID 639259, 2014	12 pages	2014
79	Sreehari Sastry, S.; Tanuj Kumar, L.; Potukuchi, D.M.; Sie Tiong	<i>Dielectric Studies of Schiff Based Benzothiazole Core Liquid Crystals at Radio Frequency Region, Ha</i>	Internat. J. Engg. Res.and Techno	3	256-263	2014
78	Phaneendra Konduru.; Asokan, K.; Awana, V. P. S.; Sreehari Sastry, S.; Kanjjilal	<i>Study on effect of annealing conditions on structural, magnetic andsuperconducting properties of MgB₂ bulk samples,</i>	DAE -.AIP Conference Proceedings	1591	1645-1647	2014
77	Sreehari Sastry, S.;Shaik Babu.;Vishwam, T.;Sie Tiong, Ha	<i>Excess parameters for binary mixtures of alkyl benzoates with 2-propanol at different temperatures</i>	J. of Thermal Analysis and Calorimetry	116	923-935	2014
76	Sreehari Sastry, S.; Mallika, K.;Vishwam, T.; Lakshminarayana, S.; Sie Tiong, Ha.	<i>Image analysis method to study electro-optic parameters of nematogens.</i>	Liquid Crystals	41	558-571	2014
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70	Sreehari Sastry, S.; Tanuj Kumar, L.; Sie Tiong, Ha.	<i>Dielectric studies on benzothiozole based liquid crystals at radio frequency region</i>	International J. Innovative Res. in Sci., Engg. and Tech.	3	10212-10219	2014
69	Sreehari Sastry, S.; Rupa Venkateswara Rao, B.	<i>Spectroscopic Studies of copper doped Alkali earth Lead Zinc Phosphate Glasses.,</i>	Physica B	434	159-1641	2014
68	Sreehari Sastry, S.; Shaik Babu.; Vishwam, T.; Sie Tiong, Ha	<i>Excess thermodynamic and acoustic properties for the binary mixtures of Methyl Benzoate at T= (303, 308, 313, 318 and 323) K.</i>	Phys. Chem. Liq.	52	272-286	2014
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