



International Seminar on Technologically Advanced Materials

MAC's

ISTAM-2019

6th September 2019



Organized by

The Department of Physics & Research
Centre and Department of Chemistry
Muslim Arts College
Thiruvithancode – 629174
Kanyakumari District, Tamil Nadu, India.
Phone Number: 04651-248842

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Alexander Dubcek University Trencin, Slovakia.
- **Dr. Prince Prasad**
Assistant Professor of Physics,
University College, Trivandrum.
- **Dr. R. Ganapathi Raman,**
Associate Professor of Physics,
Noorul Islam University, Kumaracoil.

Call for papers

Researchers are invited to submit one page abstract (including figures) on or before 24.8.2019. The abstract should be typed in Times New Roman (12), 1.5 lines spacing on A4 size. Title should be bold in 14 pts & bold letters, names of authors and affiliation should be in italics (12 pts).

Participants are informed to submit their abstract to istam2019mac@gmail.com using the MS word format and as an attachment.

Poster Presentation

Display area of 1m × 1m will be provided for each poster presentation.

Best Presentation Award

Awards for best oral and poster presentations.

Registration

All participants are requested to register their names using the enclosed form or by email to istam2019mac@gmail.com.

Registration fee details

Students	:	Rs. 500/-
Research Scholars	:	Rs. 600/-
Faculty members	:	Rs. 750/-

Important Dates

Submission of abstract	:	24-8-2019
Intimation of acceptance	:	27-8-2019
Last date for registration	:	30-8-2019

Address for correspondence

The organizing secretary,
ISTAM 2019,
Department of Physics & Research Centre,
Muslim Arts College, Thiruvithancode – 629174
Kanyakumari District, Tamil Nadu, India.
E-mail : istam2019mac@gmail.com
Mobile: +91 8220754861

MUSLIM ARTS COLLEGE, THIRUVITHANCODE PG AND RESEARCH DEPARTMENT OF PHYSICS

INTERNATIONAL SEMINAR ON TECHNOLOGICALLY ADVANCED MATERIALS (ISTAM-2019)

(September 06, 2019)

The programme began with Tamilthai Vazhthu. Mrs. J.R. Sheeba, Head, Department of Physics welcomed the gathering. The seminar was inaugurated by Lion Dr. H. Mohamed Ali, Secretary, Muslim Arts College, Thiruvithancode. More than 200 participants including PG students, M.Phil Scholars, Research Scholars and Faculty members actively participated in the seminar. The 'Book of Abstracts', including 66 contributory papers was released by Lion. M. Mohamed Afzal Fayaz, Joint Secretary, Muslim Arts College, Thiruvithancode. Dr. D. Arish Dasan, Researcher, FunGlass – Centre for Functional and Surface Functionalized Glass, Alexander Dubcek University Trencin, Slovakia gave a keynote lecture on 'Additive Manufacturing of Glass, Glass- Ceramic and Ceramics'. After the keynote lecture, Dr. Prince Prasad, Assistant Professor of Physics, University College, Trivandrum gave a lecture on the important aspects of 'Geomagnetosphere and the Space Weather'. The afternoon session started at 1.30 pm with a talk on 'Nanotechnology and Its Applications' by Dr. R. Ganapathi Raman, Associate Professor of Physics, Noorul Islam University, Kumaracoil. The Research Scholars and Faculty members from various institutions presented their work during the poster session from 3.00 to 4.00 pm.

The valedictory session was started at 4.00 pm by the valedictory address of Dr. G. Edwin Sheela, Principal, Muslim Arts College, Thiruvithancode. The feedback form was issued to the participants to get the valuable suggestions from the participants. Best Oral presentation award was given to N. Priya Dharshini, Assistant Professor, Holy Cross College, Nagercoil and best poster presentation award was given to S. Prince, Department of Physics, S.T. Hindu College, Nagercoil. The awards were sponsored by Dr. G. Edwin Sheela, Principal, Muslim Arts College, Thiruvithancode. Mrs. M. Stella, Head, Department of Chemistry, Muslim Arts College, Thiruvithancode proposed the vote of thanks. The programme ended with National Anthem.



Dr. V. K. Suma

Principal

PRINCIPAL
MUSLIM ARTS COLLEGE
THIRUVITHANCODE - 629 174

Head of the Department
PG and Research Centre of Physics
Head of the Department
Muslim Arts College
Thiruvithancode - 629174

International Seminar on Technologically Advanced Materials

ISTAM 2019

6th September 2019

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PROCEEDINGS

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**DEPARTMENT OF PHYSICS & RESEARCH CENTRE AND
DEPARTMENT OF CHEMISTRY**

CONTENTS

Paper ID	Title	Page No
IL 01	Additive Manufacturing of Glass, Glass-Ceramic and Ceramics <i>Arish Dasan</i>	I
IL 02	Geomagnetosphere and the Space Weather <i>Prince P. R.</i>	II
IL 03	Nanotechnology and its Applications <i>R. Ganapathi Raman</i>	III
CONTRIBUTED PAPERS		
PP1	Studies on Physical properties of 4- dimethylaminopyridine single crystal <i>S. Prince, T. Suthan, and C. Gnasambandam</i>	1
PP2	Spectroscopic analysis, chemical reactivity and fungicidal activity of phenyl benzamide fungicide mepronil: A combined experimental and theoretical approach <i>G.P. Sheeja Mol, D.Aruldas, I. Hubert Joe</i>	2
PP3	Analysis of 'doping effect' of CuZnO composites <i>S. Sugi, J. R. Sheeba, S. Radhika, C. M. Padma</i>	3
PP4	Facile synthesis of nanosilica from cocos nucifera husk ash <i>Sahila Grace A., Dr. G. S. Prabha Littis Malar</i>	5
PP5	DFT and vibrational spectroscopic study on bioactive compound 1-methoxy-2-methyl-4-[2,2,2,trichloro-(1-(4- ethylphenyl)ethyl)] benzene <i>Anju.L.S, D.Aruldas</i>	6
PP6	Crystallization and characterization of semi organic material doped triglycine sulphophosphate single crystals <i>B.Leema Rose and C. Gnana Sambandam</i>	7
PP7	Liquid phase esterification of oxalic acid with n-alcohols using nature friendly ZnAlPO ₄ as catalyst <i>M. R. Devi, C.Kannan</i>	8
PP8	Effect of Titanium in the Optical Properties of Tin Oxide <i>J.R.Sheeba, S.Sugi, S.Radhika and C.M.Padma</i>	9
PP9	Pressure Induced Structural Phase Transition, Metallization and Superconductivity in RbBr <i>Y. Ramola, C. Nirmala Louis, and Amalraj</i>	11
PP10	Synthesis and charactrisation of hydrothermally prepared e _u 2wo6 nanocomposites <i>Sasikanth SM, R. Ganapathi Raman</i>	12

PP11	Structural, Optical and Morphological analysis of Hematite-Cadmium Oxide Core-Shell Nanorods for Photocatalytic applications <i>M.Priya Dharshini, V.Shally, Sr.Gerardin Jayam</i>	13
PP12	Growth, structure, optical and quantum chemical calculations of bis(creatininium) 3-nitrophthalate monohydrate single crystal <i>Sindhusha S, Padma C M</i>	14
PP13	Studies on poly- indole/SiO ₂ nanocomposite by using indole monomer <i>R. Subitha, Dr. G.S. Prabha Littis Malar</i>	15
PP14	Investigations of organic material 3,4,5-trimethoxybenzaldehyde single crystals for optical applications <i>R.P. Jebin and T. Suthan</i>	16
PP15	Defect-Related Luminescence Properties of SrAl ₄ O ₇ <i>Jisha.V.T., Sajikumar.A.C., Siji.V.L., Meera. M.R., Sheena. T V.</i>	17
PP16	Studies on the growth and characterization of ortho-nitroanilinium bromideorganic nlo single crystals <i>C. S. Juliet Brintha & S. E. Joema</i>	18
PP17	Anti- diabetic activity of chelating tris n-methyl ethylenediamine iron complex <i>M. Jaya Brabha and Dr. M. Anitha Malbi</i>	19
PP18	Growth, structural, spectral, mechanical, thermal and optical properties of L-Phenylalanine Added Sulphamic acid Single Crystals <i>Fredselin R.S Vithel and R. Manimekalai</i>	20
PP19	Growth and characterization of 2-picolinic acid doped l-lysine monohydrochloride (llm) single crystals <i>G. Jeniba, A. Rathika</i>	21
PP20	Photon correlation spectroscopy study of coastal soil samples of Kanyakumari District <i>S.S.Sajitha, P. Metilda</i>	22
PP21	Synthesis and Characterization of Zinc Oxide – Graphene Oxide Nano Composite and Its Antibacterial Activity <i>F.Sowmiya, Dr.S.R.Brintha</i>	23
PP22	Synthesis and characterization of chitosan encapsulated nickel nanoparticles and its biomedical application <i>Hebzi Emalda Rani. M & Dr.S.Mary Helen</i>	24
PP23	Synthesis, crystalline size and particle size determination of modified chitosan using XRD <i>P.Jaba Rani and Dr.S.R.Brintha</i>	25
PP24	Synthesis and insecticidal activites of silver nano particles using graviola plant product <i>C.V.Reeba & Dr.S.Mary Helen</i>	26

PP25	Synthesis and characterization of iron nano composites and its application in adsorption of textile dyes <i>Usha . V, Dr.G..Annadurai</i>	27
PP26	Biodegradation of cross linked polymers from linseed oil using vinyl acetate and n-vinyl pyrrolidone co-monomers <i>Irin Sheela.C, Begila David.S</i>	28
PP27	Spectroscopic studies of (5-(4-chlorophenyl)-3-(4-fluorophenyl)-4,5-dihydro-1H-Pyrozole-1-carbaldehyde) <i>G.Bagavathi Sankar, M. Amalanathan D.Usha</i>	29
PP28	Growth and characterization of 2 -amino-5-nitrobenzophenone – an organic NLO crystal <i>Preeda. P and Ganapathi Raman. R</i>	30
PP29	Simultaneous observation of slow solar wind in high and low latitude during 23 rd solar cycle <i>Iren sobia A, Bidhu S S Audline Jini.M.N</i>	31
PP30	Synthesis and Characterization of Montmorillonite for adsorption of dyes from aqueous Solution <i>Anish C I, Dr.M.Jaya Rajan</i>	32
PP31	Synthesis and characterization of cerium oxide/silica nanocomposite for adsorption of dyes <i>N.Daniel Sam, Dr.M.Jaya Rajan</i>	33
PP32	Single Crystal Growth and Nonlinear Optical Properties of Semiorganic P-nitrophenol Sodium Sulphate (PNSS) Single Crystals <i>S. Mimila, A. Rathika</i>	34
PP33	Kinetic and isotherm studies of the biosorption of Ni(II) ions from aqueous solution by modified orange peel <i>R. Asha and S. Avila Thanga Booshan</i>	35
PP34	Synthesis and characterisation of Cdo nanoparticles <i>Dr. S. R. Brintha</i>	37
PP35	NBO analysis and Theoretical calculations of 3- (4bromophenyl)-1-methoxy-1-methylurea <i>P.R.Babila, G.Edwin Sheela, V.Bena Jothy</i>	38
PP36	Investigations on growth and characterization of 2-hydroxyanilinium 3,5-dinitrobenzoate (2hadb) single crystal <i>T.M. Irine, R. Ganapathi Raman, A. Rathika</i>	40
Pp37	Structural analysis of (rs)-3 -(3,5-dichloro phenyl)-5-methyl-5-vinylloxazolidine-2,4-dione : a theoretical approach <i>E.S.Ashlin, G.Edwin Sheela,V.Bena Jothy</i>	41

PP38	Vibrational spectral analysis on methyl <i>N</i> -[6-(4-methylbenzoyl)-1- <i>H</i> -benzimidazol-2-yl]carbamate and investigation of its reactive properties by DFT calculations <i>A. Beta Daniel, D. Aruldhas</i>	43
PP39	Growth and characterization of 2-aminophenol 3,5-dinitrobenzoic acid (2adb) single crystal <i>R. Suja, A. Rathika</i>	44
PP40	Effect of pH on structural and optical properties of zirconium oxide nano particles <i>R. Jeba, S. Radhika, C. M. Padma</i>	45
PP41	Phytochemical investigation, GC MS analysis and antibacterial activity of Leaf extract of <i>Andrographis paniculata</i> . <i>T.S. Julin Heeba, Dr. A. Mary Helen,</i>	47
PP42	Growth and various studies of zinc sulphate mixed lithium sulphate single crystals <i>P.S. Angel Prabha, P. Selvarajan, V. Bena Jothy</i>	49
PP43	Synthesis, characterization and spectral studies of copper (ii) complexes containing schiff base ligand and its antimicrobial studies <i>Godlyn Abraham A</i>	50
PP44	Fabrication and characterization studies of transition metal nanoparticles using aqueous fruit extract of <i>Bascilla</i> and its microbial activities <i>M. Jersha</i>	51
PP45	Synthesis, structure, morphology, optical and magnetic properties of schiff base doped silver nanoparticle <i>M. Stella and Mary Helen</i>	52
PP46	Evaluation of physical and chemical quality of water collected from the coir factory and coastal areas in manavalakurichi <i>Vinila Mary K and Shylashree G V</i>	53
PP47	Synthesis and characterization of chitosan/ zinc oxide nanoparticles <i>A. Aniprabha and Dr S. Mary Helen</i>	54
PP48	Preliminary phytochemical screening of various extracts in <i>Cassia auriculata</i> linn. <i>S. Benila, Dr. A. Iren Aumtha, Dr. R. Ragel Mabel Saroja and B. Anusha⁴</i>	55
PP49	Growth and NLO characterization of mono-urea oxalic acid crystals doped with zinc sulfate <i>T. Manju and P. Selvarajan, U. Rajesh Kannan</i>	57
Pp50	Growth and Z-Scan studies of tetrakis-thiourea trichloroacetic acid crystals <i>U. Rajesh Kannan, G. Narayanasamy, S. Subramanian, P. Selvarajan, M. Malathy</i>	58

PP51	Dielectric, thermal properties and studies of l-tartaric acid doped LPCC crystals by slow evaporation method <i>Dr. M. Malathi , Dr. P. Selvarajan, U. Rajesh Kannan</i>	59
PP52	Structural Analysis of Zinc Cadmium Oxide Nanocrystals <i>S. Stefy Silvia Rani, S. Radhika, C. M. Padma</i>	60
PP53	Heat Echange Analysis of Spiral Concentrator during Monsoon Season <i>J.Packiam Julius, T.K.Jayaleka, D.Usha</i>	62
PP54	Performance Test (SEC TEST) for spiral concentrating type solar cooker <i>T. K. Jayaleka, Dr. J. Packiam Julius, D. Usha</i>	63
PP55	Localized spin excitations in an inhomogeneous 1-d Antiferromagnetic spin system with d-m interaction <i>T. Evangeline Rebecca, M. M. Latha</i>	64
PP56	Structural Analysis of Zinc doped Tin Oxide Nanocrystals <i>J.R.Sheeba, S.Radhika and C.M.Padma</i>	65
PP57	Fabrication of MWCNTs wrapped Nickel Manganese Phosphate as a supercapattery electrode for energy storage applications <i>V.Sharmila, J.Richards Joshua, Packiaraj, M. Parthibavarman</i>	67
PP58	Thermal analysis of Thiourea single crystals doped with Glycine <i>S. Radhika, J.R.Sheeba, S. Sugi, C.M.Padma</i>	68
PP59	Efficient catalytic degradation of P-Nitro Aniline by nano CUO/FAZ under CWPO process <i>N.L. Subbulekshmi and E. Subramanian</i>	69
PP60	Synthesis and antimicrobial activities of new Nickel (ii) complex <i>Dr. S. Sornalatha</i>	70
PP61	$\text{Na}_{0.4}(\text{Mn}_{0.33}\text{Co}_{0.33}\text{Ni}_{0.33})\text{O}_2$ surface grafted with SnO nanorods:A cathode materials for rechargeable sodium ion batteries <i>J.Richards Joshua, Y.S.Lee, N. Sivakumar</i>	71
PP62	Green Synthesis and Characterization of Manganese oxide Nanoparticles using Natural Plant Extract <i>K.L.Sree vidhya, A.Amalraj</i>	72
PP63	Structure activity relationship of anti-tubercular drug Methyl-4-Methoxy Benzoate- a DFT study <i>H.Marshan Robert, D.Usha, M.Amalanathan</i>	73
Pp64	Growth and characterization of pure and doped L-alanine Single Crystals <i>Gino DJ and Dr. S.Ajitha</i>	74

- PP65 Synthesis, Crystal growth and physical properties of
4-Dimethylaminopyridinium – 3,5-dinitrobenzoate
*R.Subash Chandra bose, R.Subramanian@Raja,
K.Balasubramanian, A.Hariharasubramanian*
- Pp66 Spectroscopic technique and nonlinear optical properties of
bis[cyano (imino) methane]phenyl: DFT study
V.K.Suma, Dr.D.Arul Dhas



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Ph : 04651-248842 | 04651-248841 | 0740 2735507 | 0740 2735508

Lion Dr.H.Mohamed Ali
Secretary/Correspondent

Dr. G. Edwin Sheela
Principal



MUSLIM ARTS COLLEGE

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(Affiliated to Manonmaniam Sundaranar University, Tirunelveli)

Azhagiamandapam, Thiruvithancode - 629 174, Kanyakumari District, Tamil Nadu.

Ph : 04651 248842, 248841, 248803 e-mail : muslimartscollege@gmail.com



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Ln. Dr. H. Mohamed Ali
Secretary / Correspondent


Dr. G. Edwin Sheela
Principal


Dr. A. Iren Sobia
Convener