

K.S.INSTITUTE OF TECHNOLOGY
DEPARTMENT OF BASIC SCIENCE AND HUMANITIES
LIST OF RESEARCH PUBLICATION BY FACULTIES

SL · N O	FACULTY NAME	TYPE OF PUBLICATI ON	NAME OF THE JOURNAL	TITLE OF THE PAPER	ISBN/ISSN NO	ISSUE/Volume	Year
1.	Dr. Jagannath G	International journal (Peer reviewed)	Journal Non-Crystalline Solids	Linear and Nonlinear Optical Properties of Gold Nanoparticles Doped Borate Glasses	ISSN: 0022-3093	482	2018
			Optical Materials	Optical, Structural and Near-IR NLO Properties of Sodium Zinc Borate Glasses Doped with Gold Nanoparticles	ISSN: 0925-3467	83	2018
			Applied Physics B: Lasers and Optics	Nonlinear Optical Studies of Sodium Borate Glasses Embedded with Gold Nanoparticles	ISSN: 1432-0649	205	2018
			The Journal of Physical Chemistry C	Structural and Femtosecond Third Order Nonlinear Optical Properties of Sodium Borate Oxide Glasses: Effect of Antimony	ISSN: 1932-7455	123	2019
			Physical Chemistry Chemical Physics	Influence of Gold Nanoparticles on Nonlinear Optical and Photoluminescence Properties of Eu ₂ O ₃ Doped Alkali Borate Glasses	ISSN 1463-9084	22	2020
			Materials Research Bulletin	Plasmonic and Nonlinear Optical Behavior of Ag/Cu Core-Shell Nanostructures in Glass Matrix for Photonics	ISSN: 0025-5408	125	2020

		Journal of Alloys and Compounds	Elucidating the Structure and Optimising the Photoluminescence Properties of Sr _{2-x} Al ₃ O ₆ F:Eu _x Oxyfluorides for Cool White-LEDs	ISSN: 0925-8388	826	2020	
		Journal of Non-Crystalline Solids	Investigations on Nonlinear Optical Properties of Gold Nanoparticles Doped Fluoroborate Glasses for Optical Limiting Applications	ISSN: 0022-3093	538	2020	
		Vacuum	Physical, structural and photoluminescence properties of lead boro-tellurite glasses doped with Eu ³⁺ ions.	ISSN:0042-207X	177	2020	
		OSA proceedings	Investigation on Linear and Nonlinear Optical Properties of Nd ³⁺ -Doped Lead Boro-Tellurite Glasses	ISBN: 978-1-943580-22-4		2016	
		IOP Conference Series: Materials Science and Engineering	Optical and Physical Investigation on Lanthanum Bismuth Borate glasses doped with Ho ₂ O ₃	ISSN: 1757-899X	310	2018	
2	Dr. Kiran Kumar S.R	INTERNATIONAL	<i>Analytical & Bioanalytical Electrochemistry</i>	Electrochemical Studies of Dopamine Using Titaniumdioxide	2008-4226	Vol. 7, No. 2, 2015, 175- 185	2015

				Nanoparticle Modified Carbon Paste Electrode			
			Surface Engineering and Applied Electrochemistry	Synthesis and Characterization of Copper Oxide Nanoparticles: To Study Voltammetric Response of Biomolecules	1068-3755	2016, Vol. 52, No. 5, pp. 469–474	2016
			Elsevier - Journal of Science: Advanced Materials and Devices	Highly efficient multipurpose graphene oxide embedded with copper oxide as nanohybrid for electrochemical sensors and biomedical applications	DOI: 10.1016/j.jsamd.2017.08.003	DOI: 10.1016/j.jsamd.2017.08.003	2017
			Separation Science and Technology, Taylor & Francis Group	Hydrothermal Synthesis of Hierarchical Copper Oxide Nanoparticles and its Potential Application as Adsorbent for Pb(II) with High Removal Capacity	2389–2399	49: 2389–2399, 2014	2014
			Indian Academy of Sciences, Bull. Mater. Sci.	Cost effective and shape controlled approach to synthesize hierarchically assembled NiO nanoflakes for the removal of toxic heavy metal ions in aqueous solution	0250-4707	Vol. 38, No. 1, February 2015, pp. 1–12	2015
3	VENKATARAMANA B S	International journal	International Journal of Scientific & Engineering.	The Effect of Thermal Radiation on MHD Free Convection Boundary Layer Flow over a Plate with Suction and Blowing.	2229-5518	Issue 4 pp.401 – 405, Volume 7.	2016
			International journal of engineering sciences & research technology	The influence of heat generation (absorption) and thermal radiation on MHD laminar boundary layer flow over a moving cylindrical rod.	2277-9655	Issue2 pp.471 – 475, Volume6.	2017

4	JALAJA P	International journal	International Journal of Research-GRANTHAALAYAH	THERMAL RADIATION EFFECT ON MHD NATURAL CONVECTION BOUNDARY LAYER FLOW OVER A PLATE WITH SUCTION (INJECTION) AND VARIABLE VISCOSITY		Iss.4 pp. 52~58 Volume5	2017
			International Journal of Research in Engineering and Applied Sciences	The Effect of Viscous Dissipation on MHD nonsimilar Boundary Layer Flow with an Exponentially decreasing Velocity Distribution		Issue 6 pp. 121~128 Volume6	2017
			TEST Engineering & Management (SCOPUS INDEXED JOURNAL)	Modelling and Optimization of Double Choking Ejectors for Refrigeration Systems	ISSN: 0193 – 4120	Page Number: 14580 – 14586 Volume 82	2020
				COMPUTATIONAL ANALYSIS OF MICRO CHANNEL PATH OPTIMIZATION OF HEAT EXCHANGER BASED ON THERMAL BOUNDARY CONCEPT	ISSN : 0971-2143	Volume -31 , Publication Issue : 04 April 2020 , Page Number : 868 – 886	2020