



TAKSHASHILA UNIVERSITY PUBLICATIONS

S.No.	Faculty Name	Department	Title of the Paper	Journal Name	First author/ Principle Investigator	SCI/ Scopus/ UGC CARE/ ABDC	Volume No	Page No.	Year of Publishing	ISSN No
1.	Dr. S. Deepa	DEAN-SAS/ CHEMISTRY	Extraction of Natural Pigment Curcumin from Curcuma Longa: Spectral, DFT, Third-order Nonlinear Optical and Optical Limiting Study	Journal of Fluorescence	First author	SCOPUS	33	1-8	2023	1573-4994
			3D Printed Lithium-ion Batteries: An In-Depth Examination of the Advancements in Flexibility and Stand-Alone Capability	Materials Today Energy	-	SCOPUS		2023	2468-6069	
2.	Dr. S. Jeyaram	PHYSICS	Extraction of natural pigment from ocimum tenuiflorum using	Journal of Fluorescence	First and Principle Investigator	SCOPUS	33	287-295	2022	1573-4994

			different polar solvents and their nonlinear optical characteristics							
			Low power Z-scan studies of Schiff base (E)-N'-(4-(dimethylamino)benzylidene)isonicotinohydrazide for nonlinear optical applications	Indian Journal of Physics	Principle Investigator	SCOPUS	96	1-10	2023	0974-9845
			Microwave-assisted extraction of betanin from beta vulgaris and their characterization and applications to nonlinear optics	Indian Journal of Physics	Principle Investigator	SCOPUS	96	1-6	2023	0974-9845
			Vibrational spectroscopic, structural, linear and third-order nonlinear optical properties of isoniazid-vanillin hybrid	Indian Journal of Physics	Principle Investigator	SCOPUS	96	1-10	2023	0974-9845
			Solvatochromism effect on third-order NLO	Journal of Optics	First and Principle Investigator	SCOPUS	52	1-8	2023	0974-6900

			properties of Azo dye							
			Nonlinear Absorption Features of Acid Blue 129 Dye in Polar Solvents: Role of Solvents on Solute Molecule	Journal of Fluorescence	First and Principle Investigator	SCOPUS	33	1-8	2023	1573-4994
			Extraction of Natural Pigment Curcumin from Curcuma Longa: Spectral, DFT, Third-order Nonlinear Optical and Optical Limiting Study	Journal of Fluorescence	Principle Investigator	SCOPUS	33	1-8	2023	1573-4994
			Low power Z-scan study of nonlinear refractive index and absorption coefficient of Acid Blue 129 dye doped polymer thin film	Bulletin of Material Science	First and Principle Investigator	SCOPUS	46	1-8	2023	0973-7669
			Facile Z-scan determination of nonlinear refractive index	Bulletin of Material Science	Principle Investigator	SCOPUS	46	1-8	2023	0973-7669

			and absorption coefficient of dye doped polymer film							
3.	Dr. S. Madhu	PHYSICS	Extraction of Natural Pigment Curcumin from Curcuma Longa: Spectral, DFT, Third-order Nonlinear Optical and Optical Limiting Study	Journal of Fluorescence	-	SCOPUS	33	1-8	2023	1573-4994
4.	Mr. S. Devasenan	CHEMISTRY	Extraction of Natural Pigment Curcumin from Curcuma Longa: Spectral, DFT, Third-order Nonlinear Optical and Optical Limiting Study	Journal of Fluorescence	-	SCOPUS	33	1-8	2023	1573-4994
5.	Dr. Pattath D. Pancharatna	CHEMISTRY	Nature of Interactions between Boron Clusters: Extended Delocalization and Retention of Aromaticity Post - Oxidation	Inorganic Chemistry	-	SCOPUS	92	7566-7573	2023	01753164

			Proficient Schiff's Bases as Facile Structure to Limit Corrosion of Mild Steel: Synthesis and Electrochemical Studies Aided by Computational Quantum Parameters.	Journal of Bio-and Tribo-Corrosion	-	SCOPUS	9	46	2023	2198-4220
6	Dr. N. Sathiyarajan	ENGLISH	Exploring advanced research methodologies in English literature: A literature review and analytical synthesis	Namya Press	First and Principle Investigator	UGC CARE	-	65	2023	978-43-5545-217-7
			The future of climate change and ecofeminism in Barbara king solver's novels.	Creative Saplings	First and Principle Investigator	UGC CARE	1	1	2023	0974-536x
			Domestic disharmony in manju kupur's a married woman: A critical analysis	IJLLC	First and Principle Investigator	UGC CARE	-	1	2023	0039-2049
7	Dr. B. Thavaseelan	ENGLISH	Self-Introspection of silence leads to the Sanity of Women characters	Strad Research	First and Principle Investigator	UGC CARE	12		2023	0039-2049

			in the Novels of Sasi Deshpande-A study							
			Hopefulness and frustration in domestic life in Manju Kapur's A married women	International journal of Languages Linguistic, Literature and Culture	First and Principle Investigator		2		2023	2583-6560
8	Dr. Mangayarkaras i.P	ECE	Bio-Signal Data Acquisition System using Cadence	AIP Conference (American Conference)	First author	-	Accepted and Presented in International Conference 2023	-	Yet to get published	-
			Design and Comparison of SEU tolerant 10T memory cell for radiation environment applications	EAI ICNGWN 2023 (European Conference)	First author	-	Accepted and Presented in International Conference 2023	-	Yet to get published	-
9	Dr. Latha. A	ECE	Deep learning approach for segmentation and classification of blood cells using enhanced CNN	Measurement : Sensors	Principle Investigator	SCOPUS	24	100582	December 2022	100582

			Design and Development of Modified LLC Resonant Converter,	5th International Conference on Inventive Research in Computing Applications (ICIRCA 2023)	-	-	-	-	2023	979-8-3503-2142-5
			Development of Flame-Resistant Imprinted UAV for Forest Fire Detection & Monitoring the Smart Environment	Second International Conference on Integration of Advanced Technologies for Industry 4.0 (ICIATI 4.0)	-	-	-	-	2023	-
10	Mr. Rajmohan. B	CSE	Optimized Energy Forecasting using Hybrid Long-Short term Memory Technique	International Conference on Smart Systems and Green Energy Technologies	-	-	-	-	2022	9788770229647



**TAKSHASHILA
UNIVERSITY**

(State Private University)

(Established Under Tamilnadu Private Universities Act 2019)

Ongur (PO), Tindivanam Taluk, Villupuram District, Tamil Nadu - 604 305.

04147-234567 | +91 92976 23456 | +91 92975 23456

contact@takshashilauniv.ac.in | www.takshashilauniv.ac.in

BOOK AND PATENT DETAILS

S.No.	Faculty Name	Department	Title of the Book	Publisher Name	Year of Publishing	ISSN No
1	Mr. S. Devasenan	CHEMISTRY	Environmental Science	Prasad Brothers Publications, Chennai.	2023	-
			Applied Chemistry	Prasad Brothers Publications, Chennai.	2023	-
2	Dr. S. Jeyaram	PHYSICS	Third – Order Nonlinear optical properties of Anthraquinone Dyes	Lambert Academic Publishing GERMANY	2023	9786206751380
3	Dr. P. Murugamani	ECONOMICS	An Economic Analysis Cashew Nut Production Cuddalore District	Lambert Academic Publishing GERMANY	2023	9786206751380
4	Dr. N. Sathiyarajan	ENGLISH	Dictatorship a Dehumanisation: A study selected british dystol	Lambert Academic Publishing GERMANY	2023	9786206751380
5	Dr. Suphalakshmi. A	CSE	Device for Detecting Diseased leaves in plants by image processing	Patent Published	2023	-

6	Dr. Guru. K	MBA	Technology And Innovation	Book Editor	2023	978-93-95196-95-6
			Integrated marketing communication strategic guide for promoting business	Book Author	2023	978-81-953592-0-2
			Agriculture crop insurance policy using block chain technology	Patent Published	2023	-
			IoT Based Enhanced Street Light For Visibility In Foggy Conditions	Patent Published	2023	-