

M. G. Vidyamandir's

Loknete Vyankatrao Hiray Arts, Science and Commerce College,

Panchavati, Nashik-422003

DEPARTMENT OF PHYSICS

Research Paper Publications/Presentations

Name of the Faculty: DR. JANARDAN MAHARU SHEWALE

❖ **Research Papers Published in Journals: 11**

Sr. No.	Title of Paper	Name of Journal	Year of Publication	ISSN Number	DOI/ Online link if any
1)	Sonochemical and Thermodynamics Study of Binary Mixtures of Ortho, Meta and Para-Xylenes with Propan-2-Ol at 298.15 K	Research Journey Special Issue-1		2348-7143	https://www.researchjourney.net/
2)	Densities, Viscosities, Excess Molar Volumes and Deviation Viscosity of m- xylene with Propan-2-ol, Butan-2-ol and Pentan-2-ol At-different temperatures	Vidyavarta Volume 4		2319-9318	https://www.vidyavarta.com/02/
3)	Densities and viscosities of Binary Mixtures of ortho-xylene with Butane-1-ol and Pentan-1-ol at 298.15, 303.15, 308.15 and 313.15.K	Ajanta Volume 8 Issue 1	March 2019	2277-5730	https://publons.com/journal/525270/an-international-multidisciplinary-quarterly-resea/
4)	The Effect of Temperature on The Viscosity of Glycerine, Water, Paraffin Oil	Ajanta Volume 8 Issue 1	Jan-Mar 2019	2277-5730	https://publons.com/journal/525270/an-international-multidisciplinary-quarterly-resea/
5)	Transport and thermodynamic properties of binary mixtures of m- xylene with propan-1-ol, butan-1-ol and pentan-1-ol at different temperatures	International journal of research culture society	May 2020	2456-6683	https://ijrcs.org/
6)	Studies of thermodynamics and	Journal of interdisciplinary	June 2020	0022-	http://www.jicrj

Sr. No.	Title of Paper	Name of Journal	Year of Publication	ISSN Number	DOI/ Online link if any
	transport properties of binary solutions of o-xylene with 2-alkanols (C3-C5) at different temperatures	cycle research Volume 12 Issue 6		1945	ournal.com/
7)	Sonochemical and thermodynamics studies of binary mixtures of xylenes (ortho, meta and para) with propan-1-ol at different temperatures	International research journal of natural and applied sciences Volume 7 Issue 6	June 2020	2349-4077	http://sjfactor.com/passport.php?id=17689
8)	Physical properties of zinc sulphide (ZnS) thin film by Electrochemical Deposition	Journal of Emerging Technologies and Innovative Research, JETIR	6 (4) April 2019	2349-5162	https://www.jetir.org/papers/JETIR1904606.pdf
9)	Densities and Ultrasonic Studies of Binary Mixtures of (ortho-, meta- and para-) Xylenes with Pentan-1-ol at Different temp. (298.15, 303.15, 308.15 and 313.15 K)	International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET)	11 (4) April 2022	2319-8753	http://www.ijirset.com/upload/2022/april/58_Densities_NC.pdf
10)	Densities and Viscosities of binary mixtures of xylenes (O-, m-, and p-) with propan-1-ol at 298.15, 303.15 and 313.15 K	Indian Journal of Chemistry Volume 8 Issue 2	2010	991-1006	https://www.tsjournals.com/articles/densities-and-viscosities-of-binary-mixtures-of-xylenes-o-m-and-p-with-propan1ol-at-29815-30315-30815-and-31315-k.pdf
11)	Apparent molar volumes and viscosity B-coefficient of lithium halides in aqueous methanol at 303.15 K	Bionano Frontier Vol 8 (3)	May 2015	2320-9593	

❖ **Research Papers Presented in Conferences/Workshops/Seminars/Webinars: 04**

INTERNATIONAL LEVEL				
Sr. No.	Conference topic	Title of the paper	Place	Year
1.	Emerging Trends in Chemistry and Nanoscience	Physical Properties of ZnS Thin Films by Electrochemical Deposition	L. V.H. College, Panchavati, Nashik	23-24 Jan 2017
NATIONAL LEVEL				
2	Emerging Trends in Chemistry and Nanoscience	Solvation studies of Lithium Halides in Solution of Aqueous Methanol	L. V.H. College, Panchavati, Nashik	20-21 Jan 2017
3	106th Indian Science Congress.	Physical Properties of CdS Thin Films by Electrochemical Deposition	Jalandhar, Punjab	3-7 Jan 2019
4	Indian Science Congress	Sonochemical and thermodynamics studies of binary mixtures of meta-xylenes with propan-1-ol at 298.15K and 303.15K	Bangaluru, Karnataka (India)	3-7 Jan 2020