



BIO-DATA

Name : DR. SURYAWANSHI DEELIPBALIRAM

Department : Department of Electronics

Date of Appointment: 16/06/1997

Designation : Associate Professor

Mobile No. : 9423307098

Email ID : sdeelip123@gmail.com

Qualification : M.Sc. Ph.D.

College : Shri Havagiswami College Udgir.

Date of Birth : 18/12/1972

Teaching experience: 27 years.

Research Topic : “Dielectric Study of Electrolyte Solutions Using TDR Technique”.

Academic Qualifications:-

Examinations	Name of the Board/ University	Year of Passing	Percentage of marks obtained	Division / Class	Subject
S.S.C.	Aurangabad	1988	55	II	All School Subjects
H.S.C.	Aurangabad	1990	48	II	Physics, Chemistry, Maths, Electronics
B.Sc.	Marathwada Univ. Aurangabad	1993	56	II	Physics, Maths, Electronics
M.Sc.	Dr. B. A. M. U. Aurangabad	1996	58.58	II	Physics
Ph. D.	S.R.T.M.U. Nanded	2010	----	-----	Physics

Research Degree(s)

Degrees	University	Subject	Title	Date of Award
Ph.D.	S.R.T.M.U. Nanded	Physics	Dielectric Study of Electrolyte Solutions Using TDR.	Jan. 07, 2010

Research Projects Completed:

Sr. No.	Full Title of the Project	Type (Major / Minor/other)	Total Sanction amountRs.	Sanction Date (YYYY-MM-DD) & Sanction LetterNo.	Completion Date	Funding Agency
1.	Dielectric study of Electrolyte Solutions Using TDR	Minor	90,000/-	30/03/2005 F.No. 47-004/05(WRO)	2007	UGC
2.	Hydrogen bonding interaction in diol-water system using TDR	Minor	70,000/-	16/01/2008 F.No. 47-226/07(WRO)	2010	UGC
3.	Thermodynamics & Dielectric study of binary mixture using TDR technique	Minor	1,60,000/-	08/05/2011 F.No. 47-1769/10(WRO)	2013	UGC

Details of the Registered Ph.D. Scholars:

Sr. No.	Name of the Guide (Surname Name Father's/Husband's Name)	Name of the Scholar (Surname Name Father's/Husband's Name)	Gender M/F	Subject	Date of Registration	Ph.D. Award date
1.	Dr.Suryawanshi D.B.	Mr. Biradar S.B.	M	Physics	09-12-2014	20/01/2021
2.		Mr. Biradar S.S.	M	Electronics	09-12-2014	Work is in progress

Participation:

I have attended

Name of the Course / Summer School(OC/RC/STC)	Duration	Sponsoring Agency
Orientation Programme .	05/05/2004 To 31/05/2004	UGC- Academic Staff College, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.
Refresher Course in “Experimental Physics”	06/11/2013 To 26/11/2013	UGC: Academic Staff College, University Of Hyderabad, Hyderabad.
Refresher Course in “Soft Skills for Professional Excellence”	01/11/2015 To 19/12/2015	UGC-HRDC, JNTU, Hyderabad.
UGC-HRDC, Short Term Course	05/06/2020 To 20/06/2020	UGC-HRDC, JNTU, Hyderabad.
UGC-HRDC, Short Term Course	09/08/2021 To 14/08/2021	UGC-HRDC, Osmania University, Hyderabad, Telangana.
Faculty Development Course(PMMMMNMTT)	01/05/2020To07/05/2020	Rajarshi Shahu Mahavidyalaya, Latur.
Faculty Development Course(PMMMMNMTT)	23/05/2020To29/05/2020	Willingdon College, Sangli.

Activities:

1. C. S. of Swami Ramanand Teerth Marathwad University, Nanded.
2. Practical Examiner of S.R.T.M.U. Nanded.
3. Paper Setter of S.R.T.M.U. Nanded.
4. Chairman of B.Sc.F.Y., B.Sc.S.Y., B.Sc.T.Y. Paper Setting of S.R.T.M.U. Nanded.
5. Flying Squad of S.R.T.M.U. Nanded.
6. IQAC Co-coordinator.
7. ACS of SRTMUNanded.
8. Electronics BOS Member : (2017-2022) and (2022-2027)
9. NEP-2020 -B.Sc. Electronics and M.Sc. Electronics revised syllabus structure

Publications of Dr.D.B.Suryawanshi

Department of Electronics
Shri Havagiswami Mahavidyalaya, Udgir

Sr. No.	Name of the Teacher	Subject	Title / Topic of Book /Paper	ISBN /ISSN	Name/Title of the Journal	Volume /Issue	Month &Year of Publication	Page Nos.	UGC Care Listed /Scopus
1	D.B. Suryawanshi	Electronics	Dielectric relaxation and hydrogen bond interaction study of diol-water mixtures	1458-0973	Indian Journal of Physics	84(4)	2010	419-429	Scopus-Yes
2	D.B. Suryawanshi	Electronics	Dielectric behavior of aqueous CsCl solutions	1458-0973	Indian Journal of Physics	85(2)	2011		Scopus-Yes
3	D.B. Suryawanshi	Electronics	Dielectric relaxation study of 2and3-chloroaniline and 2and3-methoxyaniline with 1, 4-dioxane mixtures using time domain technique	0167-7322	Journal of Molecular Liquids	177	2013	426-431	Scopus-Yes
4	D.B. Suryawanshi	Electronics	A Study of aqueous electrolyte solutions-TDR Technique	2349-1027	Indo Western Researchers	2(6)	2016	35-41	Refereed & Peer Reviewed Research Journal
5	D.B. Suryawanshi	Electronics	Molecular & Structural Interaction Study of Chlorobenzene-Xylene Binary Mixture Using X-Band Dielectric Technique	2319-8753	International Journal of Innovative Research in Science, Engineering and Technology	Vol.6, Issue 12	Dec. 2017	22695-22698	UGC Care Listed - Yes
6	D.B. Suryawanshi	Electronics	Dielectric Relaxation of LiCl	2349-1027	Indo Western Researchers	1(11)	2019	13-20	Refereed & Peer Reviewed Research Journal
7	D.B. Suryawanshi	Electronics	Dielectric Properties of Chlorobenzene with Acetonitrile Using X-Band Microwave Dielectric Technique	2348-7143	Research Journey	Spl. Issue.93	June-2019	51-54	UGC Care Listed-Yes
8	D.B. Suryawanshi	Electronics	Dielectric Relaxation Behaviour of Ethyl Acetate-Xylene Mixtures Using Time Domain Reflectometry	1029-0451	Physics & Chemistry of Liquids	Vol.59(4)	March 2020	503-511	Scopus-Yes
9	D.B. Suryawanshi	Electronics	Molecular interaction studies of Isopropyl Acetate-Xylene mixtures using dielectric relaxation approach	0975-0795	Indian journal of chemistry – Section A	Vol.6 0A	13 January 2021,	72-79	Scopus-Yes

10	D.B. Suryawanshi	Electronics	Structural characterization of Acetonitrile-Xylene binary mixtures at 301°K using high frequency X-band technique	2319-4979	Vidyabharati International Interdisciplinary Research Journal	Vol.12(1)	March-2021	125-130	Web of Science /UGC Care Listed – Yes
11	D.B. Suryawanshi	Electronics	Microwave dielectric Relaxation study of pure liquids and binary mixtures	2349-638X	Aayushi International Interdisciplinary Research Journal	Spl.Issue.88	May 2021	213-216	Referred Journal – Yes
12	D.B. Suryawanshi	Electronics	Comparative Dielectric Study of Acetonitrile, Chlorobenzene and Xylene Binary Solutions Using Microwave Technique	2319-4979	Vidyabharati International Interdisciplinary Research Journal	Spl.Issue,Part -13	Oct.-2021	2961-2967	Web of Science /UGC Care Listed - Yes
13	D.B. Suryawanshi	Electronics	Thermodynamic and dielectric properties of Cyclohexanol-Xylene binary mixtures using dielectric spectroscopy	1563-5333	Polycyclic Aromatic Compounds-(Taylor & Francis)	Vol.43(2)	January-2022	1619-1627	Scopus-Yes
14	D.B. Suryawanshi	Electronics	Microwave assisted co-operative dynamics and structural variations in chlorobenzene-acetonitrile solutions	2224-715	Bangladesh Journal of Scientific and Industrial Research	Vol.57(2)	26June -2022	85-90	Web of Science /UGC Care Listed - Yes
15	D.B. Suryawanshi	Electronics	Study of thermodynamic and dielectric parameters of Xylene and its isomers using time domain dielectric spectroscopy.	1563-5333	Polycyclic Aromatic Compounds-(Taylor & Francis)	Vol.43(6)	July -2022	5227-5232	Scopus-Yes
16	D.B. Suryawanshi	Electronics	Structural and molecular dynamics of methyl acetate-xylene solutions using dielectric relaxation spectroscopy	0019-4522	Journal of Indian Chemical Society (Elsevier)	Vol.99(10)	12th Sept.-2022	1-4	Scopus-Yes
17	D.B. Suryawanshi	Electronics	Study of co-operative dynamics and thermo-dielectric parameters of n-butyl acetate-xylene solutions using dielectric spectroscopy	2583-1321	Indian Journal of Chemistry	Vol.62(8)	18th Aug. 2023	872-878	Scopus-Yes
18	D.B. Suryawanshi	Electronics	Study of Co-operative Dynamics in Cyclohexanol-Xylene Solutions using Dielectric Relaxation Spectroscopy	2180-4230	Journal of Physical Science	Vol.34(2)	25th Aug.2023	91-100	Scopus-Yes
19	D.B. Suryawanshi	Electronics	Temperature dependent dielectric relaxation spectroscopy of amylacetate-xylene solutions–An approach to molecular and co-operative dynamics	0019-4522	Journal of Indian Chemical Society (Elsevier)	Vol.100(10)	28th Aug.2023	1-5	Scopus-Yes
20	D.B. Suryawanshi	Electronics	Dielectric Relaxation Spectroscopy of Esters Using Time Domain Reflectometry	1990-7923	Russian Journal of Physical Chemistry-b-Electric and Magnetic Properties of Materials (Springer)	Vol.17	26th Sept.2023	990-995	Scopus-Yes
21	D.B. Suryawanshi	Electronics	Study of structuredness and hydrogen bonding in binary solutions using microwave technique	2583-1321	Indian Journal of Chemistry	Vol.63/4	16 April 2024	383-389	Scopus-Yes

22	D.B. Suryawanshi	Electronics	Temperature dependent Kirkwood correlation factor study of binary solutions – An approach to hydrogen bonding dynamics	2395-602X	International Journal of Scientific Research in Science and Technology	Vol. 11/9	27 Feb. 2024	194-197	UGC Care Listed - Yes
23	D.B. Suryawanshi	Electronics	Study of dielectric properties of Cyclohexanol-DMSO binary solutions using frequency domain technique	2395-602X	International Journal of Scientific Research in Science and Technology	Vol. 11/7	27 Feb. 2024	85-88	UGC Care Listed - Yes
24	D.B. Suryawanshi	Electronics	Dielectric study of 2,3 Butanediol-Chlorobenzene mixtures using microwave technique	2395-602X	International Journal of Scientific Research in Science and Technology	Vol. 11/7	27 Feb. 2024	81-84	UGC Care Listed - Yes
25	D.B. Suryawanshi	Electronics	X-ray Morphological and Spectral Properties of NGC 1407	2395-602X	International Journal of Scientific Research in Science and Technology	Vol. 11/7	27 Feb. 2024	12-15	UGC Care Listed - Yes
26	D.B. Suryawanshi	Electronics	Excess parameter study of Ethyl Acetate-Xylene Mixtures at 15°C and 20°C using TDR	2395-602X	International Journal of Scientific Research in Science and Technology	Vol. 11/9	27 Feb. 2024	98-101	UGC Care Listed - Yes

Cited by All

Citations- 119

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Conference

Sr. No.	Name of the Teacher	Subject	Title / Topic of Book /Paper	ISBN /ISSN	Conference Place	Month & Year of Publication	Page Nos.
1	D.B. Suryawanshi	Electronics	Structural Behaviour and Dielectric Relaxation of Chlorobenzene with Methanol and N-Methyl formamide using TDR- A Comparative Study		SRTMU Nanded, NCDRAS T	Dec.-2017	
2	D.B. Suryawanshi	Electronics	Dielectric Relaxation Behaviour of n-Butyl Acetate-Xylene Mixtures Using Time Domain Reflectometry	978-93-5406-213-1	ICPAS-2020	March-2020	
3	D.B. Suryawanshi	Electronics	Dielectric Relaxation Studies of Xylene Isomers Using a TDR (Abstract only)		Institute Of Science, Mumbai, NSAM	March-2020	14

Books

1	D.B. Suryawanshi	Electronics	Mechanics and Properties of Matter	978-93-89517-15-6	Suman Prakashan	Oct-2019	26
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