

CURRICULUM VITAE






Dr. Shivalkar Kamlakar N Contact. No. : 8208773793/ 8275490743

Ph.D., M.Sc [Physics], B.Ed





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EXPERIENCE

Total 21 Years of Teaching Experience




Sr. No	Name of institute	Experience	Document
01	Mahatma Gandhi College Ahmedpur Dist Latur.	01 Oct 2010 to till date	 Adobe Acrobat Document
02	Parvatibai Genaba Moze College of Engineering, Wagholi pune,	16 August 2007 to 30 September 2010.	 Adobe Acrobat Document
03	Maharashtra college of Engineering Nilanga	01 February 2002 to 15 August 2007	 Adobe Acrobat Document

ACADEMICS

Class.	Name of institute	Year	Percentage	Document
Phd	Dr. B. A. M. University Aurangabad	6 th feb. 2010	---	 Adobe Acrobat Document
M.Sc	Dr. B. A. M. University Aurangabad	2000	60.41%	 Adobe Acrobat Document
B.Ed	Dr. B. A. M. University Aurangabad	2001	69.99%	 Adobe Acrobat Document
BSc	Dr. B. A. M. University Aurangabad	1998	60.73%	 Adobe Acrobat Document





H.S.C	Maharashtra State Board	1993	56%	 Adobe Acrobat Document
S.S.C	Maharashtra State Board	1991	62.14%	 Adobe Acrobat Document





R E C O G N I T I O N A N D R E W A R D S

Sr.No.	Position	Institute	Documents
01	Board of studies	RSM Latur, Autonomous	 Adobe Acrobat Document
02	Ph.D. Guide	SRTM University Nanded	 Adobe Acrobat Document
03	Affiliation committee member	Mahatma Phule Mahavidyalaya, Ahmedpur	 Adobe Acrobat Document



L i s t o f R e g i s t e r e d S t u d e n t s f o r P h . D

1. Human Resource Development Center Orientation / Refresher Course / ISTE-AICTE sponsored STTP / SBP attended so far:

Sr. No	Name of the Course / Summer School	Place	Duration	Sponsoring Agency	Document
1	Short term course on Spectroscopy and its applications in modern science	Online	18/02/2022 to 24/02/2022	UGC HRDC Sagar	 Adobe Acrobat Document
2	Short term course on Advanced Research Methodology using SPSS and MS Excel	Online	04/10/2021 to 09/10/2021	UGC HRDC Sagar	 Adobe Acrobat Document
3	Advanced concepts for developing moocs	Online	2-07-2020 to 17-07-2020	HRDC Ramanujan College university Delhi	 Adobe Acrobat Document
4	UAV Remote sensing and	Online	3/7/2017 to 7/7/2017	ISRO India	 Adobe Acrobat Document

	applications” Conducted by ISRO				
5	Microwave radar remote sensing and its applications	Online	10/4/2017 to 27/4/2017	ISRO India	 Adobe Acrobat Document
6	56 th Refresher course in Physical sciences (Physics)	Panjabi university, Patiala, Panjab	20/06/2016 to 09/07/2016	UGC HRDC Panjabi university, Patiala, Panjab	 Adobe Acrobat Document
7	26 th Orientation Program	MANUU Hyderabad	09/04/2015 to 06/05/2015	UGC HRDC	 Adobe Acrobat Document
8	Refresher Course in Experimental Physics	University of Hyderabad	06/11/2013 to 26/11/2013	UGC-Academic Staff College.	 Adobe Acrobat Document

G U E S T L E C T U R E

Sr. No.	Topic	Place and Date	Document
01	Practical Approach in Conceptual Physics	Rajarshi Shahu Mahavidyalaya, Latur.	 Adobe Acrobat Document  Adobe Acrobat Document

M E M B E R S H I P


2. Indian Science Congress.

R O L E A N D R E S P O N S I B I L I T I E S A T M G C O L L E G E

- Head Department of physics.
- Co Convener for National Conference in Physics on 5th and 6th September 2014
- Avishkar Coordinator at college level.
- Project Guide for B Sc T Y.
- College Research and consultancy Chairman.
- Organizing committee member for the national conference in Sports, Geography, Botany, Commerce and Zoology.

- College IQAC member

C O - C U R R I C U L A R A C T I V I T I E S

Degree	Title of Thesis	Name of University	Year of Award	Document
Ph.D	The Dielectric Relaxation Study of Time Domain Reflectometry Response of Monohydroxy and Polyhydroxy Alcohol, with polar Liquids	Dr. B. A. M. University Aurangabad	Feb 2010	 Adobe Acrobat Document

Summary of Research

The investigations presented in this thesis were carried out by the author, in the microwave Research Laboratory, Department of Physics, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.



The thesis deals with the study of molecular interactions involving nitrogen lone pair electrons in a few molecular species using dielectric technique. In the present work interaction of H-C=O- NH group of amide with –OH group of alcohol take place which produces carboxylic acid and amine, amides are the important liquid used in the chemical industries model system for peptide. In the polar molecules such as NMA, NMF and DMA the charge distribution is exposed and hydrogen bonding is present so the intermolecular interaction is stronger in the molecules of liquid. The main aspect is to study the interaction in liquids having Monohydroxy and di hydroxy alcohol with Amides. Dielectric relaxation data of pure amide and di amides at different temperatures shows possibility of isomeric structures.

C O N F E R E N C E O R G A N I S E D A N D A T T E N D E D




	NATIONAL	INTERNATIONAL
CONFERENCE ATTENDED	14	04
CONFERENCE ORGANISED	03	01
PAPER PUBLISHED		
THROUGH CONFERENCE & JOURNAL	24	17

ORGANISED

WORKSHOP








Sr.	Workshop Organized	Year	Document
1	One day workshop on revised curriculum in B.Sc. T Y physics on 10/09/2011 at Mahatma Gandhi Mahavidyalaya, Ahmedpur.	10/09/2011	 Adobe Acrobat Document
2	One day workshop on revised curriculum in B.Sc. T Y physics on 24/09/2021 at Mahatma Gandhi Mahavidyalaya, Ahmedpur.	24/09/2021	 Adobe Acrobat Document

CONFERENCE ORGANISED











Sr, No,	Conference Organized	Year	
01	Organizing committee member, National conference on Microwave and Opto electronics (NCMO-2004) University Aurangabad.	2004	 Adobe Acrobat Document
02	Organizing committee member, International Conference on Microwave and Optoelectronics, (ICMO 2007) University Aurangabad	2007	 Adobe Acrobat Document
03	Co- Convener, National conference on Alternate Energy Sources for Rural Development, PGMCOE Wagholi. (NCAESFRD2009)	2009	 Adobe Acrobat Document
04	Co-Coordinator National conference on Alternate Energy Sources for Rural Development India, at M G College Ahmedpur on 5 th &6 th September 2014.	2014	 Adobe Acrobat Document







WORKSHOP ATTENDED

Sr. No.	Workshop Attended		
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01	One day workshop on revised curriculum in B Sc FY and T Y physics on 20/09/2013 at Gramin Mahavidyalaya Vasant Nagar, Mukhed.	2013	 Adobe Acrobat Document
02	One day workshop on revised curriculum in B Sc S Y physics on 20/08/2014 at Shri Sant Gadge Mahraj Mahavidyalaya, Loha.	2014	 Adobe Acrobat Document
03	One day workshop on “Skill enhancement course (SEC) CBCS in physics.” On 6/8/2018 at Dayanand science college Latur.	2018	 Adobe Acrobat Document
04	International workshop on LIGO-India (IWLI-2019) on 15&16 th Dec. 2019 at Swami Ramanand Teerth Marathwada University, Nanded.	2019	 Adobe Acrobat Document
05	One day workshop on “Awareness for autonomy of colleges & NIRF” on 29/2/2020 at Swami Ramanand Teerth Marathwada University, Nanded.	2020	 Adobe Acrobat Document
06	One day workshop on “Transformative initiatives in learning and assessment in higher education” on 12/03/2020 at mahatma Gandhi Mahavidyalaya, Ahmedpur	2020	 Adobe Acrobat Document
07	One day workshop on Madhva Mathematics Competition on 23/12/2020 at mahatma Gandhi Mahavidyalaya, Ahmedpur.	2020	 Adobe Acrobat Document


3. CONFERENCE ATTENDED






Sr. No.	Name of conference	Document
1	National conference on Microwave and Opto electronics (NCMO-2004) University Aurangabad	 Adobe Acrobat Document
2	XIII th National level seminar on Ferroelectric and Dielectric, (NSFD-2004 University Delhi)	 Adobe Acrobat Document
3	93rd Indian Science Congress at Acharya NG Ranga University Hyderabad (3-7 January 2006).	 Adobe Acrobat Document
4	National Conference on Recent Advancement in Microwave Technique and Applications, University Jaipur. (Microwave 2006)	 Adobe Acrobat Document
5	International Conference on Microwave and Optoelectronics, University Aurangabad (ICMO 2007)	 Adobe Acrobat Document
6	International Conference on Recent Advancement in Microwave Technique and Applications, University Jaipur. (Microwave 2008)	 Adobe Acrobat Document
7	National conference on Alternate Energy Sources for Rural Development, PGMCOE Wagholi.	 Adobe Acrobat Document
8	99 th Indian science Congress at KIIT Bhubaneswar (3-7 January 2012).	 Adobe Acrobat Document
9	National conference on Nanotechnology, Maharashtra Mahavidyalaya Nilanga (7-8september2012).	 Adobe Acrobat Document
10	17 th National Seminar on ferroelectrics and Dielectrics- 2012, ITER, Bhubaneswar (17 th -19 th December2012).	 Adobe Acrobat Document




11	100 th Indian science Congress at Calcutta University Kolkata (3-7 January 2013).	 Adobe Acrobat Document
12	National Conference on Material Science-2014, K S K College Beed (12 and 13 December 2014).	 Adobe Acrobat Document
13	103 rd Indian science Congress at Mysore university Mysore. (3-7 January 2016).	 Adobe Acrobat Document
14	104 th Indian science Congress at S V University Tirupati (3-7 January 2017).	 Adobe Acrobat Document
15	International Conference on Applied Science (ICAS-17) on 26 th and 27 th December 2017 at SKM AUSA.	 Adobe Acrobat Document
16	International Conference on Recent Advances in Sciences (ICRAS-19) on 2/12/2019 at Shri Kumar swami Mahavidyalaya, AUSA	 Adobe Acrobat Document

RESEARCH AND ACADEMIC CONTRIBUTIONS PUBLICATIONS:

(1) Research Papers in Journals

Sr . No	Name of Authors	Title of Paper	Name of Journal with Page no	ISSN/ ISBN	Whether Peer Reviewed impact factor	Document
1	C. T. Londhe , K. N. Shivalkar, M. M. Betkar, G. D. Bagde	Optical properties of CdS Thin Films	Journal of Advances in Applied Sciences and Technology Vol. 1, Issue 2 pp. 145-146 Dec. 2014	ISSN 2393-8188	UGC approved	 Adobe Acrobat Document

2	G. D. Bagde, C. T. Londhe , K. N. Shivalkar	Morphological studies on Europium Selenide Thin Films	International Journal of Mechanical Engineering and Robotics Research Vol. 5 No. 3, pp 172-175, July 2016	ISSN 2278-0149	SCOPUS indexed	 Adobe Acrobat Document
3	C. T. Londhe , A. G. Bagde, K. N. Shivalkar, G. D. Bagde	Fabrication and I-V Characteristics Study of Heterojunction Diode Composed of Lanthanum Selenide and Cadmium Sulphide	International Journal of Advance & Innovative Research Vol. 6 Issue 1 Jan-March 2019	ISSN 2394-7780	UGC approved	 Adobe Acrobat Document
4	C T Londhe, S S Behere, K N Shivalkar	Potential Energy curves of OsN Molecule	Current Global Reviewer - Special issue- ICAS 2017 (26-27 th Dec 2017)	, ISSN 2319-8648	UGC Approved Sr. No 64310	 Adobe Acrobat Document
5	K N Shivalkar , C T Londhe	Temperature dependent dielectric study of ethylene glycol, N-methyl formamide binary mixture at high frequency.	Current Global Reviewer - Special issue- ICAS 2017 (26-27 th Dec 2017)	, ISSN 2319-8648	UGC Approved Sr. No 64310	 Adobe Acrobat Document
4	K N Shivalkar , C T Londhe.	Temperature Dependent Relaxation Study of Diethanolamine N-methyl formamide Binary mixture at Mega Hertz Frequency	(ICRAS-19) on 2 nd December 2019, at Kumarswami Mahavidyalaya Ausa dist. Latur (MS).			
6	C. T. Londhe*, K. N. Shivalkar	Reduced potential curves for the diatomic HgCl, HgBr	World Journal of Pharmaceutical Research.	ISSN 2277 - 7105 DOI: 10.20959/wj	Peer Reviewed Impact Factor 8.084	 Adobe Acrobat Document

		and HgI Molecules	Volume 12 issue 8 May 2023	pr20238-28154		
7	K N Shivalkar & C T Londhe	High Frequency Dielectric Response of Glycerol – NN Dimethyl Formamide Binary Mixture at 288,298,308 & 318 K using Time-Domain Reflectometry.	International Journal of Research in Science, Engineering, and technology (IJIRSET) 12 th issue Feb 2023	eISSN 2319-8753 pISSN2347-6710 Page no 882 to 888 https://www.ijirset.com/upload/2023/february/30_High_NC.pdf	8.118	 Adobe Acrobat Document
8	K N Shivalkar	The study of inter molecular interaction between Ethanol- N Methyl formamide in microwave region at 288, 298, 308 and 318 K	International Journal of Innovative Research in computer and communication Engineering (IJIRCCCE) Volume 11 issue 2 feb. 2023	eISSN-2320-9801 pISSN2320 9798 Page no 9242-9250 http://ijirccce.com/admin/main/storage/app/pdf/QrIqsY3odAykvh15bdH6DhKnhDW9Uv355PuRwc9D.pdf	8.165	 Adobe Acrobat Document
9	K N Shivalkar	Study of Solute-Solvent Interaction through Dielectrics Behavior of N-Methyl Acetamide in Ethanol at High Frequency	International Journal of creative research Thoughts (IJCRT) Vol.11 issue 3 march 2023 Page No e150-156	ISSN2320-2882 UGC Approved journal No-49023(18) http://www.ijcrt.org/papers/IJCRT2303471.pdf	7.97	 Adobe Acrobat Document

2) Creation of ICT mediated Teaching Learning pedagogy and content and development of new and innovative courses and curricula

(a) Video Lectures

Sr. No.	Topic	Web-link	Date of publication/ Upload
1	Number Theory	https://www.youtube.com/playlist?list=PLuCyUQqL4V7RJhSTA9u20oMvFN2lc5Ixq	26 March 2022
2	Quantum Theory of H Atom	https://www.youtube.com/playlist?list=PLuCyUQqL4V7QISZ2m7sAq2aqxyv08-xC	15 April 2022
3	Applications of Quantum Mechanics	https://www.youtube.com/playlist?list=PLuCyUQqL4V7Qqvg3W054FR2v9iMSWBnuP	25 April 2022
4	Schrodinger's Equation	https://www.youtube.com/playlist?list=PLuCyUQqL4V7T-2gMB11PqYFb6Dh-5tvhi	5 May 2022
5	Communication Electronics	https://www.youtube.com/playlist?list=PLuCyUQqL4V7TjfffySmesodD_SBaUk	20 May 2022
6	Modulation and Demodulation	https://www.youtube.com/playlist?list=PLuCyUQqL4V7TYvzatIAc34-n5RORkRXcr	30 May 2022
7	Logic Gates	https://www.youtube.com/playlist?list=PLuCyUQqL4V7QxAZKBPI6fgFRbp4H-EqZ	20 June 2022
8	Mathematical Background	https://www.youtube.com/playlist?list=PLuCyUQqL4V7SQLwJbn-JBzed84P2RM3y1	30 June 2022
9	Classical and Quantum Statistics	https://www.youtube.com/playlist?list=PLuCyUQqL4V7QINqQM0cFCo8nPvRiL7_bZ	15 July 2022

b)

(3) Research guidance: (M. Phil. / Ph.D. / P.G dissertation):

Sr. No.	Degree	Name of the Candidate	Title of Thesis / Dissertation	Year of Award
1.	Ph.D.	Ms. Katkar Rupali Ravindra	Allocation on 12/12/2022	-
2.	Ph.D.	Ms. Wartale Pooja	Allocation on 12/12/2022	--
3.	Ph.D.	Ms. Ruchika Jadhav	Allocation on 12/12/2022	-

List of Publications Before 2014

- Dielectric Relaxation study of Methanol with n-Butyl Alcohols at Microwave Frequency using Time Domain Reflectometry (TDR) Technique
B G Lone, P B Undre, B B Bhosle, A S Bhalerao, G M Dharne, P T Sonawane, **K N Shivalkar**, P Maheshmalkar, P W Khirade and S C Mehrotra.
Microwaves and Optoelectronics,
Anamaya Publishers, New Delhi (2004), ISBN 81-88342-44-0, 157-161.

2. Temperature Dependent Dielectric Relaxation study of Ayurvedic Medicine Saptarishta in Methanol at Microwave Frequency using Time Domain Reflectometry (TDR) Technique
B B Bhosle, S R Chaudhari, P B Undre, B G Lone, **K N Shivalkar**, P T Sonawane, A S Bhalerao, P W Khirade, S C Mehrotra and J B Shinde
Microwaves and Optoelectronics,
Anamaya Publishers, New Delhi (2004), ISBN 81-88342-44-0, 276-279.
3. Strucural Molecular Study of Ayurvedic Medicine Ashokarishta in Ethanol at Microwave Frequency using Time Domain Reflectometry (TDR) Technique
S R Chaudhari, B B Bhosle, P B Undre, B G Lone, **K N Shivalkar**, P W Khirade, S C Mehrotra and J B Shinde
Microwaves and Optoelectronics,
Anamaya Publishers, New Delhi (2004), ISBN 81-88342-44-0, 280-283.
4. Temperature Dependent Dielectric Relaxation study of 2–dimethylaminoethanol in N, N – dimethylformamide at Microwave Frequency using Time Domain
Prabhakar Undre, S B Jagdade, S N Helambe, B G Lone, **K N Shivalkar**, S B Sayyed, P W Khirade, and S C Mehrotra
Proc. National conference on Emerging Materials and Technologies, [Page no. 61,67] Dept of Physics, Sri Venkateswara University, Tirupati – 517 502
5. Study of Solute-Solvent Interaction through Dielectrics Behavior of N, N-Dimethyl Acetamide in Ethanol
K N Shivalkar, Prabhakar undre and S C Mehrotra.
Presented in poster session in The 93rd Indian science congress Hyderabad association kolkatta.
6. Dielectric Behavior of Ethanol –N- Methylformamide Mixtures Studied by Time Domain Reflectometry.
K N Shivalkar, Prabhakar Undre, P. W. Khirade and S. C. Mehrotra
“National conference on recent Advancements in microwave techniques And Applications ” Jaipur. (Proceeding of National conference: Microwave 2006 Page No. 173 to 177)
7. Complex permittivity spectra of binary mixture of allyl chloride with methanol using time domain technique
G.M. Dharne, Prabhakar Undre, **K. N. Shivalkar** and Dr. P.W. Khirade and S. C. Mehrotra
(presented at XIVth National Seminar on Ferroelectrics and Dielectrics (NSFD XIV-2006) held at IIT Kharagpur, West Bengal on 18-22 Dec.2006)
8. Dielectric behavior of allyl chloride- Dimethyl Formamide mixture studied by time domain reflectometry
G.M. Dharne, Prabhakar Undre, **KN Shivalkar**, S.S. Patil and PW Khirade
Presented at international conference on Micrwave and Optoelectronics (ICMO2007) Held at University Aurangabad (17-20 December 2007)
9. Study of solute solvent interaction through dielectric behavior of NN Dimethyl Acetamide in Ethanol
KN Shivalkar, Prabhakar Undre, GM Dharne, S.S. Patil and PW Khirade

- Presented at international conference on Microwave and Optoelectronics (ICMO2007) Held at University Aurangabad (17-20 December 2007)
10. Microwave Dielectric Relaxation in binary mixture of 1,2 Diamino propane in Aminoethanol
Prabhakar Undre, **KN Shivalkar**, GM Dharne, S.S. Patil and PW Khirade
Presented at international conference on Microwave and Optoelectronics (ICMO2007) Held at University Aurangabad (17-20 December 2007)
 11. Dielectric Relaxation Study of Binary Mixtures Having Shielded charge Distribution with exposed charge distribution using time Domain Reflectometry.
S B Sayyad, S B Kolhe, S S Dubal, P B Undre, **K N Shivalkar**, P T Sonwane, G M Dharne, S S Patil and P W Khirade.
Presented at international conference on Recent Advances in Microwave Theory and Applications (Microwave 2008).
Also published in **IEEE** May2009 issue.
 12. Microwave Dielectric Characterization of Binary Mixture of Propan- 2- ol with Allyl Bromide at 298K.
G M Dharne, S P Kamble, A L Tidar, Sayyad Shafiyodin, S S Dubal, Y S Sudake, A P Maharolkar, S K Tupe, K N Shivalkar, S S Patil, P W Khirade and S C Mehrotra.
Presented in poster session in The 97th Indian science congress Tiruanantpuram.
 13. Dielectric study of ethylene glycol –N methyl acetamide binary mixture using time-domain reflectometry
K.N. Shivlkar, C T Londhe, P B Undre, S B Sayyad, M M Betkar, G D Bagade and P W Khirade.
Presented in 99th Indian Science Congress, Held at KIIT University, Bhubaneswar (3-7 Jan. 2012).
 14. Determination of Rotational temperature of AlO from Br²⁺ Xe²⁺ system.
C T Londhe, K N Shivalkar, N H Mhaske and S H Behere.
National Confernce on Nano technology, Nilangga dist Latur. (7-8September 2012)
 15. Dielectric Relaxation of Diethylene Glycol Monomethyl ether with Aromatic Compound using Time Domain Reflectometry technique.
P R Maheshmalkar, S B Sayyad, **K N Shivalkar**, S P Kamble, P B Undre and P W Khirade.
Asian Journal of Chemistry, Vol. 24, No 12 (2012) 5711-5714.
 16. Microwave Dielectric Characterization and Molecular Interaction Behavior in Binary Mixture of 1,3- Di amino propane with N N Dimethyl amino Ethanol
P B Undre, S B Sayyad, **K N Shivalkar**, S S Dubal, S S Patil and P W Khirade.
Presented in XVII NSFD, held at ITER, Bhubaneswar (17-19 Dec. 2012).
 17. Dielectric Study of Ethylene Glycol-N methyl Formamide Binary Mixture using Time Domain Reflectometry
K N Shivalkar, Undre Prabhakar, G D Bagade and P W Khirade.
Presented in XVII NSFD, held at ITER, Bhubaneswar (17-19 Dec. 2012).
 18. A Comparative Study of RKR V and reduced Potential Curves of the Ground State of Diatomic Magnesium Oxide

19. Temperature Dependent Dielectric Relaxation Study of N Methyl acetamide in Glycerol using Time Domain Reflectometry Technique.
P R Maheshmalkar, **K N Shivalkar**, S B Sayyad, P B Undre, and P W Khirade.
Presented in XVII NSFD, held at ITER, Bhubaneswar (17-19 Dec. 2012).
20. Structural Determination of Glycerol Dimethyl Formamide binary mixture using Time domain Reflectometry.
K N Shivalkar, C T Londhe, G D Bagade and P W Khirade.
100th Indian Science Congress , Culcutta university Kolkat.(3-7 Jan. 2013)
21. Dielectric Relaxation study of Glycerol Dimethyl Formamide Binary Mixture using Time Domain Reflectometry.
K N Shivalkar, C T Londhe, G D Bagde and P W Khirade.
Presented in National Conference on Non Conventional Energy Sources for Rural Development of India 5th and 6th September 2014.
22. Dissociation Energy of Diatomic Phosphorous Iodide Molecules using correlation Coefficient Method.
C T Londhe, **K N Shivalkar**, R H Kadam, G D Bagde.
Presented in National Conference on Non Conventional Energy Sources for Rural Development of India 5th and 6th September 2014.
23. Dielectric Relaxation Behavior of Binary Polar liquids Using Time Domain Reflectometry Techniques.
P R Maheshmalkar, **K N Shivalkar**, S V Kshirsagar and P W Khirade
International Journal of Advanced Research in Basic and Applied Sciences
Dec. 2014 (ISSN-2394-4072).
24. Optical Properties of CdS Thin films
C T Londhe, **K N Shivalkar**, M M Betkar and G D Bagde
International Journal of Advance in applied Sciences and technology (ISSN-2393-8188-print, 2393-1896- Online).
25. Structure Determination of Glycerol –Dimethyl Formamide Binary Mixture using Time-Domain Reflectometry at 288, 298, 308 and 318K.
Hemant T Patil and **K.N. Shivalkar**
International Journal of Golden Research Thoughts (ISSN 2231-5063)
26. Temperature Dependent Dielectric Relaxation Study of Ethanol-N N Dimethyl formamide Binary Mixture at Giga Hertz Frequency Range. Hemant T Patil and **K N Shivalkar**
International Journal of Indian Stream Research Journal (ISSN2330-7850).
27. Potential Energy Curves of ground state of CN Molecule
C T Londhe, **K N Shivalkar** and G D Bagde
Presented in National conference on recent trends and advances in chemical sciences. 12th and 14th January 2016 at B Raghunath College Parbhani.
28. Morphological Studies on Europium Selenide thin films.
GD Bagde, C T Londhe, and **K N Shivalkar**.
International Journal of mechanical eEngineering and Robotics Research
Vol. 5 No.3pp172-175, July 2016.(ISSN2278-0149)
29. Morphological Studies on spray Deposited Lanthanum Sulphide thin films
GD Bagde, C T Londhe, and **K N Shivalkar**.
Key Engineering Materials , Vol. 705, pp283-288 August 2016 (ISSN1662-9795).
30. Dissociation energy of diatomic CN molecules using correlation coefficients method.

- CT Londhe, SS Behere, **K N Shivalkar**, and G D Bagde.
Presented in Oral Presentation at 104th Indian science congress, Tirupati (3 to 7th January 2017)
31. Intermolecular interaction in Ethylene glycol and Diethanolamine at high frequency using time domain reflectometry technique
K N Shivalkar, C T Londhe, G D Bagde, M M Betkar and S B Sayyad.
Presented in Oral Presentation at 104th Indian science congress, Tirupati (3 to 7th January 2017).
32. Temperature Dependent Relaxation Study of Diethanolamine N-methyl formamide Binary mixture at Mega Hertz Frequency.
K N Shivalkar, C T Londhe.
Presented at International Conference on Recent Advances in Science (ICRAS-19) on 2nd December 2019, at Kumarswami Mahavidyalaya AUSA dist Latur (MS).

Personal Details

Date of birth	: 15 th June 1975
Languages known	: English, Hindi, Marathi.
Address (Permanent)	: Shivneri, Gitai Nagar, Talegaon Road, Ahmedpur, Pin- 413515.
Address (Local)	: Department of physics Mahatma Gandhi College, Ahmedpur.

Dr. Shivalkar K N