

Dharmabad Shikshan Sanstha's
Lal Bahadur Shastri Mahavidyalaya, Dharmabad.
Dist. Nanded.

Bio-Data

A. Personal Details

1. Name in Full : **Dr. KAMALAKAR SHRIPATRAO KANSE**
2. Designation : **Principal**
3. Department/Subject : **Physics**
4. Date of Birth & Place : **1st June, 1973, Pandhari, Dist. Bidar**
5. Gender : **Male**
6. Marital Status : **Married**
7. Nationality : **Indian**
8. Address (office) : **Dept. of Physics,
Lal Bahadur Shastri Mahavidyalaya, Dharmabad
Dist. Nanded 431809.**
9. Residential : **C/o Vinod Jhavar, Ramgalli,
Near Pansare highschool, Dharmabad
Dist. Nanded 431809.**
- Mobile no. : **09850924426**
- Email Id : **kskanse@gmail.com**
10. Category : **Open**

11. Area of Specialization : Dielectric Spectroscopy, Electronics.

12. Date of appointment :

i. In the institute : 1st Sept 2006 (Assistant Professor)

ii. In the present post : 23rd March 2023 (Principal)

13. Academic qualification :

Exam Passed	University	Year	Percentage	Merit if any
Degree	Dr. BAMU Aurangabad	1994	62.02	--
P.G.	Dr. BAMU Aurangabad	1997	55.00	--
Ph.D.	SRTMU, Nanded	June-05	--	--
Other(Degree/ Certificate) B.Ed.	Gulbarga University, Gulbarga	Oct-97	64.00	--
MSCIT	MKCL	2004	72.00	--

14. Teaching and Research Experience:

i. UG & PG Teaching : 18Yrs

ii. Research Exp. : 18Yrs.

iii. Research Publications : **37**

a. International : 35

b. National : 02

iv. Courses taught

a. Mechanical properties of matter

b. Waves Oscillations and Ultrasonics

c. Amplifiers, Multivibrators and Oscillator

d. Atomic and molecular spectroscopy

e. Optics and Laser

15. Books Published : Nil

B. Improvement of professional competence:

1. Refresher/Orientation Courses attended

- a. 75th Orientation Course held at UGC-ASC, Dr. BAMU, Aurangabad from 2.1.2009 to 31.1.2009
- b. 6th Refresher Course in Material Science held at UGC-ASC University of Mysore, Mysore from 11th Dec. 2012 to 31st Dec.2012
- c. 56th Refresher Course in Physical Sciences held at HRDC- Punjabi University, Patiala from 20th June 2016 to 9th July 2016.
- d. Short term course held at UGC-HRDC, Goa University, Goa from 2.01.2018 to 8.01.2018
- e. Online STC on ICT tools for effective teaching learning, organized by School of Mathematical Sciences, SRTMU, Nanded from 27.04.2020 to 2.05.2020.

2. Summer Schools, workshops, seminars, symposia and conference attended

Sr. No.	Name	Activity	Status	Venue	Date
1	2	3	4	5	6
1	Introductory School on Astronomy and Astrophysics	Workshop	Nat.	School of Physical Sciences, SRTM University, Nanded	16 th -20 th Nov. 2000
2	Fundamental of Quantam /mechanics and Astrophysics	Workshop	Reg.	School of Physical Sciences, SRTM University, Nanded	20 th -21 st Dec. 2006
3	Training programme on Maintenance of Laboratory and Electronics Instruments	Workshop	Reg.	Science College, Nanded	20 th -24 th Feb. 2007
4	IAPT RC-8 Annual Convention-2010 Recent Trends & Innovations in Laboratory experiments in physics	Conference	Nat.	Yeshwant Mahavidyalaya, Nanded	4 th -5 th Oct. 2010
5	National Symposium on Applied Spectroscopy in Science and Technology	Symposium	Nat.	School of Physical Sciences, SRTM University, Nanded	21 st -22 nd March 2014
6	One day workshop on revised curriculum in Physcis/Electronics (UG)	Workshop	Reg.	Shri Sant Gadge Maharaj Mahavidyalaya, Loha, Dist. Nanded (MS)	20 th Aug. 2014
7	One day Workshop on Analytical Instruments	Workshop	Reg.	Netaji Subhashchandra Bose College, Nanded (MS)	25 th Sept. 2014

8	Two days workshop on NAAC Awareness	Workshop	Reg.	Swami Ramanand Teerth Marathwada University, Nanded (MS)	26 th -27 th Dec. 2014
9	Two days Int. workshop on Frontiers of Spectroscopy	Workshop (Attended)	Int.	Dept. of Physics, Banaras Hindu University, Varanasi (UP)	8 th -9 th Jan 2015
10	One Day Workshop on Intellectual Property Right	Workshop	Reg.	School of Physical Sciences, SRTM University, Nanded	24 th Aug.2016
11	Avishkar-2016		Univ.	School of Physical Sciences, SRTM University, Nanded	27 th -29 th Jan., 2017
12	National conference on dielectric relaxation and spectroscopic techniques	Conference	Nat.	School of Physical Sciences, SRTM University, Nanded	14 th -15 th Dec. 2017
13	One day National workshop on Lab Experiments in Physics	Workshop	Nat.	Deptt. of Physics and Electronics, NES's Science College, Nanded	28 th Jan, 2019

C. Research Contribution :

1. Research Degrees :

Name of Degree	University	Subject	Title	Date of Award
Ph.D.	S.R.T.M.U. Nanded	Physics	Structural changes in hydrogen bonded solvents due to non polar solute- A dielectric spectroscopic approach	21 June 2005

2. Awards and Recognition :

- i. PG Teacher recognition.
- ii. Research Supervisor
- iii. Number of students registered for M.Phil./Ph.D. : **02**
- iv. Number of students awarded for M.Phil./Ph.D. : M. Phill : **01**, Ph.D : **03**
- v. Number of students Ph.D. thesis submitted : **Nil**

Sr. No.	Title of Research Paper	Journal with ISSN (Vol, page no. &Year)	Status	Whether first author/ mention author number	Whether Peer reviewed& Impact factor
1	Dielectric relaxation studies of aqueous sucrose in ethanol mixtures using Time Domain Reflectometry	Pramana J. of Physics, Vol.62(4) 973-981, 2004.	Int.	Second	Yes 0.562
2	Dielectric relaxation of Dioxane-water mixtures using Time Domain Technique	J. Indian Chem. Soc. Vol.83, 168-171, 2006	Int.	First	Yes 0.251
3	Structural study of Methanol-water mixtures from dielectric parameters.	Indian J. Phy. Vol.80(3), 265-269, 2006.	Int.	First	Yes 1.166
4	Dielectric relaxation studies of Polymers in Non-polar liquid	Journal of Polymer Materials, Vol. 23(1), 47-54, 2006.	Int.	First	Yes 0.134
5	Dielectric relaxation of Polyethylene glycol-water mixtures using TDR	Indian J. Pure & Applied Phys. Vol.45, pp. 476-481, 2007	Int.	Third	Yes 0.739
6	Hydrogen bond interaction study of methanol in non-polar solute: A theoretical dielectric approach	J. of Indian Chem. Soc. Vol. 87, pp. 355-359, 2010.	Int.	Second	Yes 0.251
7	Pico-second Technique for Dielectric Measurement of Liquids	Int. J. of Basic & Applied Research, 2249-3352, spec. iss. NCRTP,64-68, 2012	Int.	Second	--
8	Molecular interaction study of ethanol in non polar solute using hydrogen bonded model	Phys. and Chem. of Liquids, 0031-9104. Vol. 52(6) 710-716, 2014	Int.	First	Yes 1.145
9	Molecular interaction study of some ethylene glycol ethers in 1,4 dioxane through dielectric and volumetric properties	J. Mol. Liquids, 0167-7322. Vol. 198, 347-353, 2014.	Int.	Second	Yes 3.648
10	Thermodynamic and dielectric relaxation study of erythritol-water binary mixture using time domain reflectometry	J. Mol. Liquids, 0167-7322. Vol. 199, 367-370, 2014.	Int.	Third	Yes 3.648
11	Dielectric dispersion and hydrogen bonding interactions study of aqueous D-mannitol using time domain reflectometry	Phys. and Chem. of Liquids, 0031-9104. Vol. 53 No.2, 187-192, 2015.	Int.	Third	Yes 1.145
12	Dielectric relaxation and hydrogen bonding interaction in xylitol-water mixtures using time domain reflectometry	Indian J. of Physics, 0973-1458. Vol. 90 no.1 67-72, 2015	Int.	Third	Yes 0.988

13	Microwave dielectric study of sorbitol-dimethyl sulphoxide binary mixtures using time domain reflectometry technique.	Bionano Frontier 0974-0678 vol. 8(3), 332-334, 2015.	Int.	Second	Yes
14	Dielectric study of binary mixtures of polymer with aqueous solutions	Bionano Frontier 0974-0678 vol. 8(3), 375-377, 2015.	Int.	Third	Yes
15	Study of dielectric and electrical properties of DMSO in non aqueous solvents in the frequency range of 20Hz to 2MHz	SRTMU's Research Journal of Science 2277-8594 Vol.3 no. 2 Aug 2014	Nat.	Second	Yes
16	Dielectric relaxation and molecular interaction study of aqueous amides	Indian J. Pure and Applied Physics Vol. 54, 621-628 Oct. 2016	Int.	Second	Yes 0.739
17	Dielectric Relaxation and Thermodynamic Study of Erythritol in DMSO Using TDR Technique	Scholars Research Library Archives of Physics Research, 7(3):1-8 Dec. 2016	Int.	Corresponding	Yes
18	Dielectric relaxation and thermodynamic study of polyhydric sugar alcohols in DMSO using TDR technique	Thermochimica Acta 652, 97-102, March 2017	Int.	Corresponding	Yes 2.236
19	A study of electrical & dielectric properties of binary mixtures of polypropylene glycol with water	Printing Area 2394-5303 sp. Iss. p. 97-101 Dec. 2017	Int.	Fifth	
20	Molecular interaction study of binary mixtures of DMSO with water through dielectric spectroscopy	Printing Area 2394-5303 Sp. Iss. p. 142-145 Dec. 2017	Int.	Fifth	
21	Microwave dielectric relaxation study of binary mixtures of polyethylene glycol monomethylether - water	Int. J. Current Engineering & Scientific Research 2394-0697, Vol-5, (1) 339-342, 2018	Int.		
22	Study of dielectric relaxation and hydrogen bonding interaction in binary mixtures of methoxy polyethylene glycol and water	Indian Journal of Pure & Applied Physics Vol. 56, pp. 282-287, April 2018	Int.		0.521
23	Dielectric dispersion study of glycol ethers and their binary mixtures with water	Indian Journal of Pure & Applied Physics Vol. 56, pp. 301-306 April 2018	Int.		0.521
24	Dielectric relaxation studies of 1,3 and 1,4-butanediol-water mixtures using time domain technique	Indian J. Physics, Vol 92 (11) p.1367- 1372. Nov 2018	Int.		1.947
25	Dielectric Relaxation And Molecular Interactions Study Of Glymes In Aqueous Solutions Using TDR Technique.	Int. J. of Computational Eng. Res. Vol 8(9), p. 56- 63. Sept. 2018	Int.	--	

26	Dielectric Dispersion Study of Isoxazole Derivatives with Binary Mixtures of DMSO	Int. J. of Res. in Advent Technology, Vol.6, No.11, p. 3271-3276, Nov. 2018	Int.	--	
27	Dielectric Characterization of Dipropylene Glycol with Binary Mixtures of Ethanol	Recent Trends in Chemical and Physical Sciences [RTCPS-2019] p. 207-213 ISBN: 978-93-5346-273-4 Jan 2019	Nat.	Fifth	
28	Dielectric relaxation and hydrogen bonding interaction of polyethylene glycol dimethyl ether in water mixture.	Phys. & Chem. Liqs. p.1-11, June 2019	Int.	Corresponding	1.915
29	Cooperative dynamics in dipropylene glycol-ethanol mixtures using dielectric spectroscopy	Phys. & Chem. Liqs. April 2020	Int.	Third	1.915
30	Dielectric dispersion study of binary mixtures of methyl ethers with water at 298.15 K using frequency domain technique	Indian J. of Pure & Applied Physics Vol. 58, pp. 448-454, June 2020	Int.	Third	0.923
31	Dielectric relaxation and cooperative dynamics of propylene glycol-ethanol mixtures using time domain spectroscopy	Materials Today : Proceedings, June 2021	Int.	Third	1.8 Cite score
32	Dielectric relaxation and molecular interactions study of saccharides in aqueous solutions.	Carbohydrate Research vol.507 p. 108375-1-7, June 2021	Int.	Third	2.104
33	Study of dielectric and electrical properties of aqueous L-phenylalanine in the frequency range of 20Hz to 2MHz	Journal of the Maharaja Sayajirao University of Baroda, Vol.55 No. 343-346, 2 (2021)	Int.	Third	
34	Dielectric relaxation studies of potentised homeopathic medicine in the frequency range of 20Hz to 2MHz	Journal of the Maharaja Sayajirao University of Baroda, Vol.55 No. 400-406, 2 (2021)	Int.	Third	

35	Dielectric dispersion study of binary mixtures of polysorbate-40 with aqueous solutions	International Journal of Scientific Research in Science and Technology Vol. 9, Issue 17 ISSN: 2395-6011 pp.293-299 dec. 2022	Int.	Corresponding	
36	Comparative study of microwave dielectric properties of pure honey varieties in India at 50 GHz using time domain spectroscopy	2nd International Conference on Technological Advancements in Computational Sciences (ICTACS), Publisher: IEEE pp. 228-235 Dec.2022	Int.	Second	
37	Spectroscopic measurement and dielectric relaxation study of vegetable oils	Information processing in Agriculture available online 18.04.2023	Int.	Supervisor	Cite score 13.7

vii. Details of Seminars, Symposia and Conference paper presented/Chair sessions:

Sr. No.	Name of Seminar/conference, symposium etc.	Place	Participation	Date
1	National conference on Microwave and Optoelectronic (NCMO)	Dept. of Physics, Dr. B.A. M. University, Aurangabad.	Oral	29 th -30 th June 2004
2	International conference on Advanced Materials and Applications	Department of Physics, Shivaji University, Kolhapur.	Poster	15 th -17 th Nov, 2007
3	6 th International Conference on Radio Science	International Centre for Radio Science, Jodhpur (Rajsthan)	Oral	14 th -17 th Dec 2010
4	8 th Liquid Matter Conference	University of Wien, Vienna, Austria.	Poster	6 th -10 th Sept 2011
5	National Conference on Recent Trends in Physics	Mungsaji Maharaj Mahavidyalaya, Darhwa, Dist. Yavatmal (MS)	Oral	26 th -27 th Oct 2012
6	One day National Seminar on Advances in Innovative Materials and Applications	Dept. of Physics, G.S.Gawande Mahavidyalaya, Umarkhed, Dist. Yavatmal (MS)	Poster	21 st Sept 2013

7	Two day National Conference on Microwave Techniques and Applications	Dept. of Physics and Electronics, Maulana Azad College of Arts, Science and Commerce, Aurangabad	Oral	29 th -30 th Nov. 2013
8	International Conference on Frontiers of Spectroscopy	Dept. of Physics, Banaras Hindu University, Varanasi (UP)	Oral	10 th -12 th Jan. 2015
9	International conference on Functional materials and Microwave.	Dept. of Physics, Dr. BAMU, Aurangabad (MS)	Poster	28 th Dec-30 th Dec 2015
10	National Symposium on Recent Advances in Chemical and Material Sciences	Rajiv Gandhi University of Knowledge and Technologies , Basar (TS)	Poster	20 th -21 st Aug. 2016
11	National Conference (ACPALRE)	Vaidyanath College, Parali, Dist. Beed (MS)	Poster	23 rd Feb. 2017
12	11 th Maharashtra State Inter-University Research Convention AVISHKAR-2016	SRTM University, Nanded	Team Manager	27 th -29 th Jan. 2017
13	NCRTFMDS-2018	Late B S Arts, Prof N G Science & A G Commerce College, Sakharkherda, Tq. Sindkhed Raja	Oral	13 th Jan, 2018
14	One day Workshop on B. Sc. Third year Syllabus Structure	Bahirji Smarak Mahavidyalaya Basmatnagar	Resource Person	25 th July, 2018
15	National Conference on A Glimpse of Differential Equation in Science and Engineering	Sharadchandra Arts, Commerce and Science College, Naigaon (BZ)	Oral	8 th Feb,2020
16	Online National Conference	Shri Datta Arts, Commerce and Science College Hadgaon	Oral & Session Chair	12 th May, 2021
17	Online National level program : World Telecommunication and information Society Day-2021	Shri. Kumarswami Mahavidyalaya, AUSA	Invited talk	17 th May, 2021
18	Recent Advances in Chemical and Physical Sciences	Bahirji Smarak Mahavidyalaya, Basmath, Dist. Hingoli	Oral	14 th Dec. 2022
19	International Conference on Advances in Renewable Energy	School of Physical Sciences, SRTM University, Nanded	Poster	11-13 Jan, 2023

viii. Research Projects

Sr. No.	Title of project	Name of Funding	Funds Sanctioned	Status	Duration
1	A study of molecular relaxation properties of aqueous solutions	UGC, WRO, Pune	4.80Lakhs	Submitted	--

ix. Details of Seminars, conferences and symposia organized:

1. National level webinar on **IPR and Patent filing** on 3.06.2020
2. National level webinar on **New Education Policy-2020** on 19.09.2020
3. **Reviewer of various international journals**

D. Participation in corporate life :

Please give a short account of your contribution to the following.

1. College/University/Institution : Worked as a

- a. Contributory lecturer for PG (M.Sc. Physics).
- b. Contributory lecturer for UG (B.Sc. Computer Science) during year 2006 - 2013.
- c. Member of planning board of the college
- d. IQAC Committee member
- e. NAAC Steering committee member
- f. PG Course Co-ordinator
- g. Member of Board of Studies (BOS) in Physics (2018-2022)
- h. Chairman Board of Studies (BOS) in Physics Since 2.03.2023
- i. Member of Faculty of Science and Technology
- j. Member of Academic Council

2. Examination duties :

- a. Invigilator for university exam.
- b. External & Internal Examiner for practical exam UG & PG.
- c. CS
- d. ACS
- e. JCS
- f. Member of paper setting for UG & PG
- g. Chairman of paper setting for UG & PG

- h. Internal and University paper evaluation for UG & PG
- i. Flying Squad member
- j. Member of RAC scrutiny committee
- k. Member of RRC committee

3. Co-curricular activities :

- a. Delivered talk on “National Environment” in NSS camp at Babhli (11.1.2014)

4. Enrichment of Campus life (Hostel, sports, Cultural activities) :

- a. Member in transport committee at Kusumanjali youth Festival -2011
- b. Member of stage committee, publicity, General Knowledge Test in annual gathering of college.

5. Student welfare and discipline : Nil

E. Membership/participation of bodies on educational and National developments:

- 1. Life Member of **Indian Science Congress**.

Declaration:

I hereby declare that all the information given above is true to best of my knowledge.

(Dr K S Kanse)