

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

## Bio-Data

### A. Personal Details

1. Name in Full : **Dr. YOGESH SUDHAKAR JOSHI**
2. Designation : Professor
3. Department/Subject : Electronics
4. Date of Birth& Place : 5<sup>th</sup> May 1980, Ner, Dist. Jalna
5. Gender : Male
6. Marital Status : Married
7. Nationality : Indian
8. Address(office) : Dept. of Electronics,  
Lal Bahadur ShastriMahavidyalaya, Dharmabad  
Dist. Nanded 431809.
- Residential : H. No. 3/1-1173-21, Shankar Ganj,  
Near Sainagari, Dharmabad, Dist. Nanded 431809.
9. Mobile no. : 09405362172
10. Email Id : [yjosh@rediffmail.com](mailto:yjosh@rediffmail.com), [yog001@gmail.com](mailto:yog001@gmail.com)
11. Category : Open
12. Area of Specialization : Dielectric Spectroscopy, Electronics.
13. Date of appointment :
  - i. In the institute : 9<sup>th</sup> Jan. 2006 (Assistant Professor)
  - ii. In the present post : 12<sup>th</sup> April 2023 (Professor)

#### 14. Academic qualification :

Exam Passed	Board/University	Year	Percentage	Grade
Ph.D.	SRTMU, Nanded	Dec.2011	--	--
SET	Pune University	2004	--	--
P.G. (M.Sc.)	Shivaji University, Kolhapur	2003	69.67	I
Degree (B.Sc.)	Shivaji University, Kolhapur	2001	68.92	I
H.S.C.	Aurangabad Board	1998	62.00	I
S.S.C.	Aurangabad Board	1996	74.66	I
Diploma in Software Engineering	ECIL-BDPS	March-2001	--	I
MSCIT	MKCL	2007	56.00	--

#### 15. Teaching and Research Experience:

i. UG & PG Teaching : 18Yrs

ii. Research Exp. : 13 Yrs.

iii. Research Publications : **49**

a. International : 45

b. National : 04

iv. Courses taught

a. Mathematical methods in Physics

b. Electricity and Magnetism

c. Fundamentals of Digital Electronics and Combinational & Sequential Digital Electronics

d. Fundamentals of Microprocessors & Microprocessor Interfacing

e. Semiconductor Devices.

f. Communication Electronics

g. Power Electronics

h. 'C' Programming

i. Electronic Instrumentation

16. Books Published : Nil

## **B. Improvement of professional competence:**

### **1. Refresher/Orientation Courses attended**

- a. 72<sup>th</sup> Orientation Course held at UGC-ASC, Dr. BAMU, Aurangabad from 1.2.2008 to 28.02.2008
- b. 6<sup>th</sup> Refresher Course in Material Science held at UGC-ASC University of Mysore, Mysore from 11<sup>th</sup> Dec. 2012 to 31<sup>st</sup> Dec.2012
- c. 56<sup>th</sup> Refresher Course in Physical Sciences held at HRDC- Punjabi University, Patiala from 20<sup>th</sup> June 2016 to 9<sup>th</sup> July 2016.
- d. STC in Research Methodology, UGC-HRDC, Goa University, Goa from 2.1.2018 to 8.1.2018
- e. One week National online FDP on ICT Tools for effective teaching learning, organized by School of Mathematical Sciences, SRTMU, Nanded, from 27<sup>th</sup> April to 2<sup>nd</sup> May 2020.
- f. One week FDP on “Arduino” organized by Department of Electronics, Bajaj College of Science, Wardha in association with Spoken tutorial project, IIT Mumbai, from 28<sup>th</sup> April to 4<sup>th</sup> May, 2020.
- g. One week National FDP and online training on Scilab jointly organized by Rajarshi Shahu Mahavidyalaya, Latur & Spoken tutorial project, IIT Mumbai, from 1<sup>st</sup> May to 7<sup>th</sup> May, 2020.
- h. UGC Paramarsh FDP on NAAC Assessment and Accreditation, organized by IQAC, Shri Shivaji College, Parbhani from 21<sup>st</sup> May to 26<sup>th</sup> May2020.
- i. Learning Physics through Simple Experiments, organized by IIT, Kanpur from 2<sup>nd</sup> April to 10<sup>th</sup> June 2020.
- j. One week FDP on “Educational Video Creation: E-content development (FDPEVC-2020)” organized by SRTMU Nanded and Toshniwal Arts, Commerce & Science College, Sengaon during 22<sup>nd</sup> June to 25<sup>th</sup> June and 28<sup>th</sup> to 29<sup>th</sup> June 2020.

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

Sr. No.	Name of Seminar/conference, symposium etc.	Activity	Status	Place	Date
1	SET Workshop	Workshop	Reg.	Dept. of Electronics, Shivaji University, Kolhapur (MS)	18 <sup>th</sup> -20 <sup>th</sup> Jan. 2003
2	Regional Workshop on Sattelite Data Communication	Workshop	Reg.	Dept. of Physics, JES's College, Jalna (MS)	14 <sup>th</sup> -15 <sup>th</sup> March, 2005
3	National conference on Current trends in Materials research for Advanced technology	Conference	Nat.	Dept. of Physics, Dr. BAMU, Aurangabad (MS)	29 <sup>th</sup> -31 <sup>st</sup> Jan 2007
4	One day workshop on Research Methodology	Workshop	Reg.	RajarshiShahuMaharaj Research Center, Dr. BAMU, Aurangabad (MS)	12 <sup>th</sup> Feb 2008
5	Workshop on Embedded systems & Robotics	Workshop	Reg.	Dept. of Computer Science & IT, Dr. BAMU, Aurangabad (MS)	24 <sup>th</sup> -25 <sup>th</sup> March 2008
6	One day workshop on New assessment criteria for College Teachers (PBAS/CAS)	Workshop	Reg.	Bhai KishanraoDeshmukhMahavidyalayaChakur Dist. Latur (MS)	28 <sup>th</sup> Jan 2013
7	National Symposium on Applied Spectroscopy in Science and Technology	Symposium	Nat.	School of Physical Sciences, SRTM University, Nanded (MS)	21 <sup>st</sup> -22 <sup>nd</sup> March 2014
8	One day workshop on Analytical Instruments	Workshop	Reg.	Netaji Subhash Chandra College, Nanded (MS)	25 <sup>th</sup> Sept 2014
9	Workshop on Frontiers of Spectroscopy	Workshop	Int.	Dept. of Physics, Banaras Hindu University, Varanasi	8 <sup>th</sup> -9 <sup>th</sup> Jan. 2015
10	One Day Workshop on Intellectual Property Right	Workshop	Reg.	School of Physical Sciences,	24 <sup>th</sup> Aug.2016
11	11 <sup>th</sup> Maharashtra State Inter-University Research Convention AVISHKAR-2016	AVISHKAR	State	SRTM University, Nanded	27 <sup>th</sup> -29 <sup>th</sup> Jan. 2017
12	One day national workshop on Lab Experiments in Physics	Workshop	Nat.	NES's Science College, Nanded	28 <sup>th</sup> Jan. 2019
13	NPTEL Workshop	Workshop	Nat.	SRTM University, Nanded	19 <sup>th</sup> July,2019
14	Two days National webinar on Academician's Branding: from local to global	Webinar	Nat.	Bharat College of Arts and Commerce, Badalapur	24 <sup>th</sup> -25 <sup>th</sup> May,2020
15	National Webinar on Redefining Gender Roles & Norms:Impact of Covid-19	Webinar	Nat.	Bharat College of Arts and Commerce, Badalapur	30 <sup>th</sup> May, 2020
16	JCR-South -Asia training and Certification Program 2020	Workshop	Int.	Web of Science	3 <sup>rd</sup> June, 2020
17	Nation e-Seminar on Latest trends in Nano-Material Synthesis, Advanced microprocessors and Challenges	e-Seminar	Nat.	Late Karmveer Dr. P.R. Ghogrey Science College, Dhule	9 <sup>th</sup> -10 <sup>th</sup> June, 2020

<b>18</b>	Webinar on “How to avoid plagiarism using-URKUND as a plagiarism tool	Webinar		Knowledge Resource Center, Bhartiya Skill Development University	20 <sup>th</sup> June 2020
<b>19</b>	Online Workshop on PBAS-API	Workshop	State	Bhartiya Mahavidyalaya Amravati	23 <sup>rd</sup> July, 2020

### C. Research Contribution :

#### 1. Research Degrees :

Name of Degree	University	Subject	Title	Date of Award
Ph.D.	S.R.T.M.U. Nanded	Physics	A Study of Microheterogeneity and Picosecond dynamics of Hydrogen Bonded Liquids	7 <sup>th</sup> Dec. 2011

#### 2. Awards and Recognition :

- i. Award of Teacher Fellowship by UGC, WRO, Pune for pursuing Ph.D (During AY 2009-11).
- ii. PG Teacher recognition.
- iii. Research Supervisor

3. Number of students registered for M.Phil./Ph.D. : **06**

4. Number of students awarded for M.Phil./Ph.D. : **01 (26.10.2021)**

Sr. No.	Name of the Student	Name of the topic	Date of Registration	Date of Award/ Submission
<b>1</b>	<b>Mr D G Rathod</b>	A study of dielectric relaxation process in biological complex systems	12.05.2017	Final Synopsis Submitted
<b>2</b>	<b>Miss S B Jadhav</b>	A study of molecular interactions between the associating liquids and their binary: A dielectric and volumetric approach	12.05.2017	Pursuing
<b>3</b>	<b>Mr P A Bhadane</b>	Cooperative dynamics in hydrogen bonded liquids: A dielectric spectroscopy approach	23.11.2017	<b>26.10.2021</b>
<b>4</b>	<b>Mr V S Pabboj</b>	Structural investigations of polar systems using spectroscopic techniques	12.07.2021	Pursuing
<b>5</b>	<b>Mr H N Lakhmawad</b>	Molecular behavior and structural investigation of biological systems through dielectric parameters	12.07.2021	Pursuing
<b>6</b>	<b>Mr. S B Shinde</b>	--	RAC-12.12.2022	Pursuing
<b>7</b>	<b>Mr Vinaykumar Bunni</b>	--	RAC-12.12.2022	

## 5. Research papers

i. Published

: 49

Sr. No.	Title of Research Paper	Journal with ISSN (Vol, page no. & Year)	Status	Whether first author/ mention author no.	Whether Peer reviewed & Impact factor
1	2	3	4	5	6
1	Study of heterogeneous interaction in binary mixtures of 2-Methoxyethanol-water solutions using dielectric relaxation spectroscopy	J. Mol. Liquids, 0167-7322. Vol. 161/3, 120-124, <b>2011</b>	Int.	First	Yes 3.648
2	The dielectric relaxation study of 2(2-alkoxyethoxy)ethanol-water mixtures using time domain reflectometry	J. Mol. Liquids, 0167-7322. Vol.163, 70-76, <b>2011</b>	Int.	First	Yes 3.648
3	Dielectric relaxation study of aqueous 2-ethoxyethanol using time domain reflectometry technique up to 30 GHz	Indian J. Physics 0973-1458. Vol.85 No.3, 1603-1614, <b>2011</b>	Int.	First	Yes 0.988
4	Dielectric relaxation study of glycine-water mixture using time domain reflectometry technique.	Phys. and Chem. of Liquids, 0031-9104. Vol. 50 No.1, 102-112, <b>2012</b>	Int.	First	Yes 1.145
5	Dielectric relaxation and hydrogen bonding studies of 1,3 propanediol-dioxane mixtures using time domain reflectometry technique	Pramana- J. of Physics, 0304-4289. Vol. 78 No.2. p.297-308, <b>2012</b>	Int.	First	Yes 0.520
6	Study of dielectric relaxation and hydrogen bonding in water-2-butoxyethanol mixtures using TDR technique	Fluid Phase Equilibria Vol. 317, 96-101, <b>2012</b>	Int.	First	Yes 1.846
7	Pico-second Technique for Dielectric Measurement of Liquids	Int. J. of Basic & Applied Research, 2249-3352, spec. iss. NCRTP, 64-68, <b>2012</b>	Int.	First	--
8	Study of hydrogen bonding and thermodynamic behaviour in water-1,4 dioxane mixture using time domain	Physica B, 0921-4526. Vol. 421, 1-7 <b>2013</b>	Int.	Second	Yes 1.386
9	Theoretical investigation of dielectric properties of 2(alkoxyethoxy)ethanol in non polar solvent using hydrogen bonded model	Proceedings NCMTA-2013 ISBN No. 978-93-83587-03-2 111-115, <b>2013</b>	Nat.	First	No

<b>10</b>	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, <b>2014</b>	Int.	Second	Yes 1.145
<b>11</b>	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, <b>2014</b>	Int.	First	Yes 3.648
<b>12</b>	Thermodynamic and dielectric relaxation study of erythritol–water binary mixture using time domain reflectometry	J. Mol. Liquids, 0167-7322. Vol. 199, 367–370, <b>2014</b>	Int.	Second	Yes 3.648
<b>13</b>	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, <b>2015</b>	Int.	Second	Yes 1.145
<b>14</b>	A dielectric dispersion study of aqueous solution.	Bionano Frontier 0974-0678 vol. 8(3), 367-370, <b>2015</b>	Int.	First	Yes
<b>15</b>	Microwave dielectric study of sorbitol-dimethyl sulphoxide binary mixtures using time domain reflectometry technique.	Bionano Frontier 0974-0678 vol. 8(3), 332-334, <b>2015</b>	Int.	Second	Yes
<b>16</b>	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 <b>2016</b>	Int.	Second	Yes 0.988
<b>17</b>	Time Domain Reflectometric and spectroscopic studies on Toluene + butyronitrile solution.	J. Mol. Structure, 0022-2860. Vol. 1108 pp. 203-208, <b>2016</b>	Int.	Fourth	Yes 1.753
<b>18</b>	Time domain reflectometric study on toluene +propionitrile binary mixture	Phys. and Chem. of Liquids, 0031-9104. Published online on <b>17.6.2016</b>	Int.	Fourth	Yes 1.145
<b>19</b>	Study of dielectric and electrical properties of DMSO in aqueous and non aqueous solvents in the frequency range of 20 Hz to 2 MHz	SRTMU's Research Journal of Science 2277-8594 Vol.3 no. 2 Aug <b>2014</b>	Nat.	First	Yes
<b>20</b>	Dielectric relaxation and molecular interaction of aqueous amides	Indian J. Pure and Applied Physics Vol. 54, 621-628 <b>Oct 2016</b>	Int.	First	Yes 0.739
<b>21</b>	Spectroscopic and time domain reflectometry studies on acetonitrile - Ethylene glycol binary solutions	Journal of Molecular Structure 1136, 303-308 <b>Feb. 2017</b>	Int.	Third	Yes 1.753

22	Dielectric Relaxation and Thermodynamic Study of Erythritol in DMSO Using TDR Technique	Scholars Research Library Archives of Physics Research, 7(3):1-8 <b>Dec. 2016</b>	Int.	Third	Yes
23	Molecular interactions in ethyl acetate-chlorobenzene binary solution: Dielectric, spectroscopic studies and quantum chemical calculations	Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy 178 218–224 <b>Feb. 2017</b>	Int.	Third	Yes 2.536
24	Dielectric relaxation and thermodynamic study of polyhydric sugar alcohols in DMSO using TDR technique	Thermochimica Acta 652, 97–102, <b>March 2017</b>	Int.	Second	Yes 2.236
25	A Study of Electrical and Dielectric Properties of Binary Mixtures of Polypropylene Glycol with Water.	Printing Area Sp. Iss. pp. 97-101 Dec. 2017 2394 5303	Nat.	Fourth	4.002
26	Molecular Interaction Study of Binary mixtures of DMSO with Water through Dielectric Spectroscopy.	Printing Area Sp. Iss. p.142-145, Dec. 2017 2394 5303	Nat.	Corresponding	4.002
27	Hydrogen bond interactions in the binary solutions of ethyl acetate with nitrobenzene: Spectroscopic, theoretical and dielectric studies.	Journal of Mol. Liquids Vol. 251, pp.385–393, <b>2018</b> . 0167-7322	Int.	Seventh	4.513
28	Microwave Dielectric Relaxation Study of Binary Mixtures of Polyethelene glycol Monomethyle ether – Water.	Int. J. Current Engineering & Scientific Research Vol. 5(1), pp. 339-342, Jan <b>2018</b>	Int.	Fourth	
29	Study of dielectric relaxation and hydrogen bonding interaction in binary mixtures of methoxy polyethylene glycol and water.	Indian J. Pure & App. Phys. Vol. 56, pp. 282-287, <b>2018</b> 0975-1041	Int.	Corresponding	0.521
30	Dielectric dispersion study of glycol ethers and their binary mixtures with water.	Indian J. Pure & App. Phys. Vol. 56, pp. 301-306, <b>2018</b> 0975-1041	Int.	Fifth	0.521
31	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 <b>2018</b>	Int.	Third	0.967
32	Dielectric Relaxation And Molecular Interactions Study Of Glymes In Aqueous Solutions Using TDR Technique.	Int. J. of Computational Engineering Research Vol 8(9), p. 56-63. Sept. <b>2018</b>	Int.	Fourth	6.41
33	Dielectric Dispersion Study of Isoxazole Derivatives with Binary Mixtures of DMSO	Int. J. of Res. in Adv. Techn., Vol.6, No.11, p. 3271-3276, Nov. <b>2018</b>	Int.	Corresponding	5.153



34	FTIR spectroscopy, quantum chemical calculations and time domain reflectometry studies on the behavior of methanol molecules in the environment of dibutyl ether	J. Mol. Structure 1183 p.60-69 Jan. 2019	Int.	Fifth	2.12
35	Dielectric Characterization of Dipropylene Glycol with Binary Mixtures of Ethanol	Recent Trends in Chemical and Physical Sciences [RTCPS-2019] Jan 2019 p. 207-213 ISBN: 978-93-5346-273-4	Nat.	Corresponding	
36	Homo/hetero interactions in the binary solutions of toluene with acetonitrile: FTIR spectroscopic, theoretical and dielectric studies	J. Mol. Structure 1192 , p. 208-216 May. 2019	Int.	Fifth	2.12
37	Dielectric relaxation and hydrogen bonding interaction of polyethylene glycol dimethyl ether in water mixture.	Phys. & Chem. Liqs. p.1-11 June 2019	Int.	Fourth	1.11
38	Cooperative dynamics in dipropylene glycol-ethanol mixtures using dielectric spectroscopy	Phys. & Chem. Liqs. April 2020	Int.	Corresponding	1.915
39	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.	Corresponding	0.923
40	Dielectric relaxation and cooperative dynamics of propylene glycol-ethanol mixtures using time domain spectroscopy	Materials Today : Proceedings June 2021	Int.	Corresponding	1.8 Cite score
41	Dielectric relaxation and molecular interactions study of saccharides in aqueous solutions.	Carbohydrate Research vol.507, p. 108375-1-7 June 2021	Int.	Corresponding	2.104
42	Study of dielectric and electrical properties of aqueous L-phenylalanine in the frequency range of 20 Hz to 2 MHz.	J. of the Maharaja Sayajirao Univ. of Baroda ISSN: 0025-0422 Vol-55, No.2, p. 343-346 2021	Int.	Corresponding	
43	Dielectric relaxation studies of potentised homeopathic medicine in the frequency range of 20 Hz to 2 MHz.	J. of the Maharaja Sayajirao Univ. of Baroda ISSN: 0025-0422 Vol.-55, No.2, p. 400-406, 2021	Int.	Second	

44	Heteromolecular H –bond interaction forces and dielectric parameters: Time domain reflectometry studies.	Chemical Physics Letters 787 (2022) 139272 p1-7	Int.	Seventh	2.238
45	Dielectric dispersion study of binary mixtures of polysorbate-40 with aqueous solutions	Int. J. Scientific Res. in Science and Tech Vol. 9, Issue 17 ISSN: 2395-6011 pp.293-299 Dec 2022	Int.	Corresponding	
46	Comparative study of microwave dielectric properties of pure honey varieties in India at 50 GHz using time domain spectroscopy	2 <sup>nd</sup> Int. Conf. on Technological Advancements in Computational Sciences (ICTACS IEEE pp. 228-235. Dec.2022	Int.	Third	
47	Dielectric relaxation studies of cellulose-water mixtures using time and frequency domain technique	Indian Journal of Pure & Applied Physics, Vol. 61 pp.27-32 Jan 2023	Int.	fourth	0.923
48	Molecular interactions studies of methyl cellulose-water solutions using dielectric spectroscopy	Physics and Chemistry of Liquids, March 2023	Int.	fourth	1.2
49	Spectroscopic measurement and dielectric relaxation study of vegetable oils	Information processing in Agriculture available online 18.04.2023	Int.	Corresponding	Cite score 13.7

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

Sr. No.	Name of Seminar/conference, symposium etc.	Place	Participation	Date
1	National seminar on Exploration Techniques in Sustainable Management of Ground water	Dept. of Geology, School of Earth Sciences, SRTM University and N.E.S.'s Science College, Nanded	Oral	5 <sup>th</sup> -6 <sup>th</sup> Feb 2010
2	6 <sup>th</sup> International Conference on Radio Science	International Centre for Radio Science, Jodhpur (Rajsthan)	Poster	14 <sup>th</sup> -17 <sup>th</sup> Dec 2010
3	State Level Seminar on Recent trends in Physics	N.S.B. College, Nanded (MS)	Oral	27 <sup>th</sup> -28 <sup>th</sup> Jan 2011
4	8 <sup>th</sup> Liquid Matter Conference	University of Wien, Vienna, Austria.	Poster	6 <sup>th</sup> -10 <sup>th</sup> Sept 2011
5	National Conference on Recent Trends in Physics	Mungsaji Maharaj Mahavidyalaya, Darhwa, Dist. Yavatmal (MS)	Oral	26 <sup>th</sup> -27 <sup>th</sup> Oct 2012
6	One day Workshop on General Physics, Microprocessors and Microcontrollers	Giriraj Govt. College, Nizamabad (AP)	Resource Person	24 <sup>th</sup> Jan 2013

7	One day National Seminar on Advances in Innovative Materials and Applications	Dept. of Physics, G S Gawande Mahavidyalaya, Umarkhed, Dist. Yavatmal (MS)	Poster	21 <sup>st</sup> Sept 2013
8	Two day National Conference on Microwave Techniques and Applications	Dept. of Physics and Electronics, Maulana Azad College of Arts, Science and Commerce, Aurangabad (MS)	Oral	29 <sup>th</sup> -30 <sup>th</sup> Nov. 2013
9	International Conference on Frontiers of Spectroscopy	Dept. of Physics, Banaras Hindu University, Varanasi (UP)	Invited Talk	10 <sup>th</sup> -12 <sup>th</sup> Jan. 2015
10	International conference on Functional materials and Microwave.	Dept. of Physics, Dr. BAMU, Aurangabad (MS)	Poster	28 <sup>th</sup> Dec-30 <sup>th</sup> Dec 2015
11	Recent Advances in Chemical and Material Sciences	RGKUT Basar (TS)	Poster	20 <sup>th</sup> -21 <sup>st</sup> Aug 2016
12	National Conference (ACPALRE)	Vaidyanath College, Parali, Dist. Beed (MS)	Poster	23 <sup>rd</sup> Feb. 2017
13	NCDRAST-2017	School of Physical Sciences, SRTM University, Nanded.	Invited	14 <sup>th</sup> -15 <sup>th</sup> Dec. 2017
14	National Conference on Nanostructured Materials and Nanotechnology	Shri Muktanand College, Gangapur, Dist. Aurangabad	Poster	1 <sup>st</sup> Dec. 2018
15	National NCRTFMDS-2018	Late B S Arts, Prof N G Science & A G Commerce College, Sakharkherda, Tq. Sindkhed Raja, Dist. Buldhana	Oral	13 <sup>th</sup> Jan, 2018
16	Inauguration of Tesla club	Yeshwant Mahavidyalaya, Nanded	Resource Person	1 <sup>st</sup> Jan. 2020
17	Online one month countrywide national science student development programme	N.S.B. College, Nanded	Invited talk	9 <sup>th</sup> Aug.2020
18	Online National Conference	Shri Datta Arts, Commerce and Science College Hadgaon	Oral	12 <sup>th</sup> May, 2021
19	Recent Advances in Chemical and Physical Sciences	Bahirji Smarak Mahavidyalaya, Basmath, Dist. Hingoli	Oral	14 <sup>th</sup> Dec. 2022
20	International Conference on Advances in Renewable Energy	School of Physical Sciences, SRTM University, Nanded	Poster	11-13 Jan, 2023

## 7. Research Projects

Sr. No.	Title of project	Name of Funding	Funds Sanctioned	Status	Duration
1	A Dielectric Dispersion Study of Aqueous Solution	SERB, DST, New Delhi	19.98 Lakh	Completed	2014-17

**8. Details of Seminars, conferences and symposia organized :**

- i. National level webinar on **IPR and Patent filing** on 3.06.2020
- ii. National level webinar on **New Education Policy-2020** on 19.09.2020

**9. Member of professional bodies/Editors of journals:**

- i. Reviewer of International Journals of Elsevier.

**D. Participation in corporate life :**

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

**1. College/University/Institution :Worked as a**

- a. Member of Board of Studies in Electronics of Affiliating university.
- b. Member of Board of Examination and Evaluation 48(3) committee of affiliating university.
- c. Contributory lecturer for PG (M.Sc. Physics) during year 2006-2009.
- d. Contributory lecturer for UG (B.Sc. Computer Science) during year 2006-2009 &2011-2013.
- e. Staff Secretary since academic year 2013-14.
- f. Member of Library Advisory Committee
- g. Member of Website update committee
- h. IQAC Committee member
- i. NAAC Steering committee member
- j. Admission Committee member

**2. Examination Duties:**

- a. External & Internal Examiner for practical exam UG & PG.
- b. Invigilator
- c. CS
- d. ACS
- e. Member of paper setting for UG & PG
- f. Internal and University paper evaluation for UG & PG
- g. Member of Board of Studies (BOS) in Electronics (2018-2022)
- h. Chairman Ad-hoc Board of Studies (BOS) in Electronics and System Design Since 9.03.2023
- i. Member of Faculty of Science and Technology
- j. Member of Academic Council

### **3. Co-curricular activities :**

- a. Contributory lectures on compulsory Environmental Science for B.Sc./B.Com III year students

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

- a. Hostel warden during academic year 2007-08.
- b. Actively participated in annual Blood donation camp of NSS.
- c. Delivered talk on “National Environment” in NSS camp at Babhli (12.1.2014)
- d. Delivered talk on “Science and Environment” in NSS camp at Atkur (27.1.2016)
- e. Member in stage committee at Kusumanjali youth Festival -2011
- f. Member of stage committee, GK Test in annual gathering of the college.

### **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.

**Signature**  
**(Dr Y S Joshi)**