

Curriculum vitae

1. Personal Details:

Name : Dr. Mahesh Sakharam Bhadane

Designation : Assistant Professor

Nationality : INDIAN

Marital Status : Married

Language Known: English, Marathi, Hindi.

Date of Birth : August 07, 1989.

Address:

Communication:

Department of Physics,
Dada Patil Mahavidyalaya Karjat,
Tal- Karjat, Dist- A.Nagar, MH, India
Pin Code: 414 402

Permanent:

At- Talwade Khurd, Post- Shanimandal,
Tal/Dist-Nandurbar, MH, India.
Pin Code: 425 408



E-mail: mbhadane24@gmail.com.

2. Educational Qualification:

Examination	University/Board	Subject/ Specialization	Marks/ Grade
Post doctorate	UGC Dr. DS Kothari	Physics	-
Post doctorate	SPPU-PDF	Physics	-
Ph.D.	SPPU, Pune	Physics	Completed
M.Phil.	SPPU, Pune	Physics	A
GATE	2017	Physics	-
M.Sc.	University of Pune, Pune	Physics	First Class
B.Sc.	North Maharashtra University, Jalgaon	Physics	Distinction
HSC	Nashik	-	Higher 2nd Class
SSC	Nashik	-	First Class

3. Awards & Honors:

- 1) **Dr. D. S. Kothari Postdoctoral Fellowship** awarded by UGC, New Delhi.

- 2) **SPPU Post-Doctoral Fellowship** awarded by Savitribai Phule Pune University.
- 3) **“Udyonmukh Young Researcher and PG Teacher award”** awarded by *PDEA’s Annasaheb Magar College, Hadapsar, Pune.*
- 4) **Senior Research Fellow** awarded by UGC, New Delhi.
- 5) **Junior Research Fellow-** awarded by UGC, New Delhi.
- 6) **Project Assistant- ISRO**, ISRO GOI-A, India.
- 7) **SRF- SAMEER**, New Mumbai.
- 8) **KEK Institute (JAPAN)** awarded full financial assistance to attend ISRD2018 symposium at KEK, Tsukuba, Japan, 2018.
- 9) Travel Grant Award of Full Air fare, Visa & Registration Fees by **ITS-SERB New Delhi** to attend 27th ICNTRM conference at **Strasbourg, France, 2017.**

4. Experience:

A) Teaching Experience:

Designation	University/ Organization	Class	Total Period		Pay Scale
			From	To	
Assistant Professor	Dada Patil Mahavidyalaya, Karjat	UG & PG	06 th January 2020	Till Date	7 th Pay
Assistant Professor	Annasaheb Magar College, Hadapsar, Pune	PG	01 st Oct. 2018	30 th April 2019	CHB
Practicals & Project Demonstrator	Department of Physics, SPPU, Pune	PG	September 2012	September 2018	Fellowship

-Subject taught till date:

- | | |
|--|--|
| <ul style="list-style-type: none"> ✓ Radiation Physics ✓ Nuclear Physics ✓ Solid State Physics/ Material Science ✓ Electrodynamics ✓ Experimental Techniques in Physics. ✓ Physics of Nanomaterials. ✓ Physics Workshop Skill | <ul style="list-style-type: none"> ✓ Oscillations, Waves, and Sound ✓ Nuclear Technique Practicals ✓ Thermodynamics & Statistical Physics ✓ Mechanics and Properties of Matters ✓ Physics of Thin Films ✓ Classical Mechanics ✓ Electrodynamics |
|--|--|

B] Research Experience: (From September 2012 to Till date)

Designation	University/ Organization
Dr. D. S. Kothari Postdoctoral Fellow	UGC
SPPU-Postdoctoral Fellow	SPPU, Pune
Senior Research Fellow	UGC (SPPU)
Junior Research Fellow	UGC (SPPU)
Project Assistant	ISRO
Research Student	SPPU, Pune
M. Phil	SPPU, Pune

C] Ph.D. Student Registered/ Awarded:

Sr. No.	Name of the Student	Date of Registration	Date of Award
1	Miss. Sandhya B. Deshmukh	23rd July 2022	-
2			

5. Research Projects (Ongoing/Completed):

Sr. No.	Title of the Research Project	Funding Agency	Amount Sanctioned	Period of the Project	Status
1	"Post annealing Influence studied of SrF ₂ nanoparticles on its structural, Morphological Functional and Dosimetric properties"	SEED Money, Dada Patil Mahavidyalaya, Karjat, A. Nagar, MH, India	15000/-	2019-2020	Completed

6. A] Induction/Orientation Course:

Sr. No.	Date from	Topic	Organizer	Grade
1	04/06/2020 to 01/07/2020	4-Week Induction/Orientation Programme for " <i>Faculty in Universities/Colleges/Institutes of Higher Education</i> "	Teaching Learning Centre, Ramanujan College University of Delhi under the aegis of Ministry of Education - PMMMNTT	A ⁺

B] Refresher/Faculty Development Course: (Minimum 1 Week)

Sr. No.	Date from	Topic	Organizer	Grade/ Remark
1	18/05/2020 to 03/06/2020	"Managing Online Classes & Co- creating MOOCS 2.0"	Teaching Learning Centre, Ramanujan College University of Delhi under the aegis of Ministry of Education - PMMMNMTT	A ⁺
2	02/07/2020 to 17/07/2020	"ADVANCED CONCEPTS FOR DEVELOPING MOOCS"	Teaching Learning Centre, Ramanujan College University of Delhi under the aegis of Ministry of Education - PMMMNMTT	A ⁺
3	18/07/2020 to 29/07/2020	Twelve Days Faculty Development Programme on Online Teaching- Learning and Research Methodology	Organized by Govt. P. G. College, Bilaspur Rampur - Uttar Pradesh (In Association With RUSA and IQAC)	Attended
3	27/07/2020 to 31/07/2020	FDP on Nanomaterials Characterization Techniques & Results Analysis Methods: Ideas, Innovation & Initiatives	Shikkshan Prasaran Sansthas, S. N. Arts, D. J. Malpani Commerce and B. N. Sarda Science College, Sangamner, Ahmednagar, MH under the scheme of "PMMMNMTT"	Attended
4	26/04/2021 to 01/05/2021	National Level One Week FDP on Research Methodology	Amar Seva Mandal's Kamla Neharu Mahavidyalaya, Nagpur	Attended
5	04/08/2021 to 17/08/2021	Online Refresher Course in Physics	UGC – Human Resource Development Centre, Pondicherry University, Pondicherry.	A
6	05/08/2021 to 19/08/2021	Interdisciplinary Refresher Course/FDP on "Managing Online Classes & Co-creating MOOCS"	Teaching Learning Centre, Ramanujan College University of Delhi under the aegis of	A ⁺

			Ministry of Education - PMMMNMTT	
--	--	--	--	--

7. Guest Speaker:

Sr. No.	Date	College Name	Topic
1	27/01/2020	Shardabai Pawar Mahila Mahavidyalaya, Baramati, MH, India	Career Opportunities After B.Sc Physics
2	14/08/2020	Arts, Commerce and Science College, Mokhada, Palghar, MH, India	Research Trends in Chemistry and Physics

8. A] Expertise in the area of Research:

- a) Synthesis of Phosphors Materials,
- b) Luminescence, Photoluminescence, Thermoluminescence, Optically Stimulated Luminescence, Radiation Dosimetry, Detectors
- c) Luminescence and Graphene based materials.

B] Familiar with the following characterization techniques:

Powder XRD, Scanning Electron Microscopy/ Field Emission SEM, TEM, Fourier Transform Infrared Spectroscopy, UV-Visible Spectroscopy, Raman Spectroscopy, Glow Curve Deconvolution Software

C] Instrumental Handling Experience:

^{60}Co Gamma Source, 6 MeV Race-Track Microtron, ^{252}Cf Thermal Neutron, SHI and Low Energy Ion beam, Thermoluminescence (TL) Reader, X-Ray Diffraction Spectrometer, UV-Visible, FTIR, Raman Spectroscopy, Photoluminescence handling etc.

9. Publications:

A] Publications for International Journal:

Sr. No.	Name of Author/s	Title of the Article	Journal Name	Year	Volume No.	Page/s No.	I. F
01	M. S. Bhadane, K. H. Gavhane, V. S. Ghemud, S. B. Deshmukh, Y. G. Bagekari, P. P. Kulkarni, S.	6 MeV Electron Beam induced TL Dosimetric Properties of $\text{CaF}_2:\text{Dy}$ Nanophosphor	Optical Materials.	2023	Accepted		3.754

	S. Dahiwale, V. N. Bhoraskar, S. D. Dhole						
02	A, B, Thorat, K. D. Tikote, M. S. Bhadane, A. B. Phatangare, V. N. Bhoraskar, S. D. Dhole, S. S. Dahiwale	Effect of Low Energy Nitrogen Ion Irradiation on MoO ₃ Films	Optical Materials.	2022	128	112349	3.754
03	P. Padhye Kulkarni, K. H. Gavhane, M. S. Bhadane, V. N. Bhoraskar, S. S. Dahiwale, S. D. Dhole	Investigation of thermoluminescence and photoluminescence properties of Tb ³⁺ , Eu ³⁺ , and Dy ³⁺ doped NaYF ₄ phosphors for dosimetric applications	Physical Chemistry Chemical Physics	2022	24	11137-11150	3.945
04	K.H.Gahane, M. S. Bhadane , P. P. Kulkari, V. N. Bhoraskar, S. D. Dhole, S. S. Dahiwale	Investigation of novel Eu doped SrDy ₂ O ₄ microphosphor for thermoluminescence dosimetry	Journal of Luminescence	2021	231	117781	3.599
05	M. S. Bhadane , K. H. Gavhane, V. S. Ghemud, S. S. Dahiwale, P. S. Patil, A. Kshirsagar, S. D. Dhole	A post annealing effect on SrF ₂ nano particles: Structural, morphological, functional and dosimetric properties	Journal of Alloys and Compounds	2020	846	156343	5.316
06	R. P. Joshi, K. Hareesh, M. S. Bhadane , A. Bankar, K. Asokan, S. S. Dahiwale, V. N. Bhoraskar, S. D. Dhole	Anti-microbial activity of 120 MeV Fe ⁺⁹ SHI irradiation induce modified polyimide film	Radiation Effects and Defects in solid	2020	175, 7-8	682-694	0.642
07	M. S. Bhadane , K. H. Gavhane, P.P. Kulkari, S. S. Dahiwale, V. N. Bhoraskar, M. A. Patil, S. D. Dhole	Particle size dependent TL response of CaF ₂ : Dy phosphor for gamma dosimetry	Journal of Luminescence	2020	223	117168	3.599

08	K. H. Gavhane, M. S. Bhadane , S. S. Dahiwalé, B. J. Patil, T. Kulkarni, V. N. Bhoraskar and S. D. Dhole	T_m - T_{stop} Analysis and Dosimetric Properties of Ce Doped BaB_4O_7 Phosphor	Journal of Alloys and Compounds	2020	817	152805	5.316
09	P.P. Kulkari, K. H. Gavhane, M. S. Bhadane , S. S. Dahiwalé, V. N. Bhoraskar, S. D. Dhole	Investigation of the photoluminescence and novel thermoluminescence dosimetric properties of $NaGdF_4: Tb^{3+}$ phosphors	Material Advances	2020	1, 5	1113- 1124	-
10	M. P. More, R. V. Chitalkar, M. S Bhadane , S. D. Dhole, A. G. Patil, P. O. Patil, P. K. Deshmukh	Development of Graphene-Drug Nanoparticle Based Supramolecular Self Assembled pH Sensitive Hydrogel as Potential Carrier for Targeting MDR Tuberculosis	Materials Technology: Taylor & Francis	2019	34, 6	324- 335	1.738
11	M. S. Bhadane , K. H. Gavhane, A. P. Jadhav, S. S. Dahiwalé, V. N. Bhoraskar, S. D. Dhole	TL Properties of $BaF_2:Ce$ Nanophosphor for High Gamma Ray Dosimetry	Journal of Luminescen ce	2019	209	316- 320	3.599
12	M. S. Bhadane , K. H. Gavhane, A. Thorat, K. Katre, S. S. Dahiwalé, V. N. Bhoraskar, S. D. Dhole	Structural, morphological and 6 MeV energy electron dosimetric properties of Cu doped SnO_2 phosphor	Material Research Express	2019	6	055901	1.620
13	A. Shahzad, A. B. Phatangare, V. D. Bharud, M. S. Bhadane , C. D. Tahakik, B. J. Patil, S. S. Dahiwalé, S. T. Chavan, S. N. Pethe, S. D.	Design and development of the 6–18 MeV electron beam system for medical and other applications	Radiation Effects and Defects in Solids	2017	172, 11- 12	931- 951	0.642

	Dhole & V. N. Boraskar						
14	M. S. Bhadane , S. Akhter, S. S. Dahiwal, K. Hareesh, K. Asokan, D. Kanjilal, V. N. Boraskar, S. D. Dhole	Evaluation of Thermoluminescence of 200 keV Carbon Ion Irradiated CaSO ₄ :Dy Nanophosphors for Medical Dosimetry	Journal of Luminescence	2017	192	695-700	3.599
15	M. S. Bhadane , S. S. Dahiwal, K. R. Sature, B. J. Patil, N. T. Mandlik, V. N. Boraskar and S. D. Dhole	Synthesis and TSL properties of SnO ₂ :Eu nanophosphor for high gamma dosimetry	Journal of Alloys and Compounds	2017	695	1918-1923	5.316
16	M. S. Bhadane , S. S. Dahiwal, K. R. Sature, B. J. Patil, V. N. Boraskar, S. D. Dhole	TL studies of a sensitive CaNa ₂ (SO ₄) ₂ :Dy nanophosphor for gamma dosimetry	Radiation Measurements	2017	96	1-7	1.898
17	M. S. Bhadane , K. Hareesh, K. R. Sature, S. S. Dahiwal, B. J. Patil, K. Asokan, D. Kanjilal, V. N. Boraskar, S. D. Dhole	A highly sensitive CaF ₂ :Dy nanophosphor as an efficient low energy ion dosimetry	Nuclear Instruments and Methods in Physics Research B	2016	386	61-69	1.377
18	M. S. Bhadane , N. Mandlik, B.J.Patil, S. S. Dahiwal, K. R. Sature, V.N. Boraskar, S.D.Dhole	CaSO ₄ :Dymicrophosphor for thermal neutron dosimetry	<i>Journal of Luminescence</i>	2016	170	226-230	3.599

B] List of Publications for International proceeding:

Sr. No.	Name of Author/s	Title of the Article	Journal Name	Year	Volume No.	Page/s No.	I. F
---------	------------------	----------------------	--------------	------	------------	------------	------

1.	K.H.Gahane, M. S. Bhadane , P. P. Kulkari, V. N. Bhoraskar, S. D. Dhole, S. S. Dahiwal	Study of dosimetric properties of Yb and Ce doped BaF ₂ nanophosphor	AIP Proceedings	2020	2265 (1)	030121	0.40
2.	M. S. Bhadane , K. H. Gavhane, S. S. Dahiwal, P. S. Patil, S. D. Dhole	Synthesis and study of kinetic parameters of BaF ₂ :Dy phosphor for dosimetry application	AIP Proceedings	2020	2265 (1)	030174	0.40
3.	M. S. Bhadane , K. H. Gavhane, A. P. Jadhav, K. T. Katre, S. S. Dahiwal, K. Asokan, D. Kanjilal, V. N. Bhoraskar, S. D. Dhole	Nanoparticles of CaSO ₄ :Dy as a sensitive TL Material for 100 MeV O ⁷⁺ Swift Heavy Ions	AIP Proceedings	2019	2115	030143	0.40
4.	K. H. Gavhane, M. S. Bhadane , A. P. Jadhav, V. N. Bhoraskar, S. S. Dahiwal, S. D. Dhole	A Study On Thermoluminescence Dosimetric Properties of CaMoO ₄ :Cu Nanophosphor	AIP Proceedings	2019	2115	030177	0.40
5.	Mahesh S. Bhadane , S. S. Dahiwal, K. Hareesh, K. H. Gavhane, K. Asokan, D. Kanjilal, V. N. Bhoraskar, S. D. Dhole	Structural, Morphological, Thermal and Dosimetric Properties of CaF ₂ :Dy Nanophosphor For 100 keV Cu ⁻ Ion Irradiation	AIP Proceedings	2017	1832	050124	0.40
6.	M. S. Bhadane , S. S. Dahiwal, V. N. Bhoraskar and S. D. Dhole	Hydrothermally synthesized Barium Fluoride Nanocubes for TL Dosimetry	AIP Proceedings	2016	1731	050149	0.40
7.	M. S. Bhadane , B. J. Patil, S. S. Dahiwal, M. S. Kulkarni, B. C. Bhatt, V. N. Bhoraskar, S. D. Dhole	Synthesis and characterization of CaF ₂ :Dy nanophosphor for dosimetric application	AIP Proceedings	2015	1665	050113	0.40
8.	B. J. Patil, M. S. Bhadane , N. T.	Thermoluminescence response of	AIP Proceedings	2015	1665	050109	0.40

Mandlik, S. S. Dahiwale, M. S. Kulkarni, B. C. Bhatt, V. N. Bhoraskar, S. D. Dhole	$K_2Ca_2(SO_4)_3$ nanophosphor Co- doped with Eu and Ce for gamma ray dosimetry					
---	---	--	--	--	--	--

10. Reviewer (International Journals)

Sr. No.	Journal Name	Publisher
1	Journal of Alloys and Compound	ELSEVIER
2	Nuclear Engineering and Technology	ELSEVIER
3	Nano Express	IOP Publishing
4	Engineering Research Express	IOP Publishing
5	Nanotechnology	IOP Publishing

11. Book/ Books Chapter:

A. Book Chapter Published: (*International Level*)

Sr. No.	Name of Author/s	Chapter Title	Book Title	Pulisher	Year	Page/s No.	DOI
1.	J. Singh, M. S. Bhadane, V. Dubey, S. D. Dhole, J. Manam, S. S. Dahiwale	<i>Phosphors for various dosimetry applications derived by different synthesis routes</i>	<i>Emerging Synthesis Techniques for Luminescent Materials</i>	IGI Gloal	2018	53-84	10.4018/978-1-5225-5170-6

B. Text Book Published: (*National Level*)

Sr. No.	Name of Author/s	Book Title	Class	Pulisher	Year	ISBN No.
1.	Prof. Dr. Madhav K. Deore, Prin. Dr. Madhav Sarode, Dr. Pradeep. V. Patil, Dr. Kaveri B. Bhamare, Dr. Mahesh S. Bhadane	Oscillations Waves And Sound	<i>S.Y.B.Sc</i>	Prashant Pulications (First Edition)	2021	9789390862740
2.	Prof. Dr. Madhav K. Deore, Prin. Dr. Madhav Sarode, Dr. Pradeep. V. Patil, Dr. Kaveri B. Bhamare, Dr. Mahesh S. Bhadane	Optics	<i>S.Y.B.Sc</i>	Prashant Pulications (First Edition)	2021	9789390862795
3.	Dr. Madhav Sarode, Dr. M. K. Deore, Dr. P. V. Patil, V. S. Ghemud, Dr. S. Shinde,	Mathematica I Methods in Physics-II	<i>T. Y. B. Sc</i>	Prashant Pulications	2021	9789391391997

	Dr. Mahesh S. Bhadane , Dr. G. J. Mogal, Dr. A. A. Jadhvar, Dr. Sandip Patil, Dr. R. B. Talware, A. B. Bhorde			(First Edition)		
4.	Dr. M. K. Deore, Dr. Mahesh S. Bhadane , Dr. S. Shinde, Dr. Madhav Sarode, Dr. P. V. Patil, Dr. G. J. Mogal, Dr. R. B. Talware, Dr. Sandip Patil, Dr. A. A. Jadhvar, A. B. Bhorde, V. S. Ghemud	Classical Mechanics	<i>T. Y. B. Sc</i>	Prashant Pulications (First Edition)	2021	9789391391201
5.	Dr. A. A. Jadhvar, Dr. M. K. Deore, Dr. Madhav Sarode, A. B. Bhorde, Dr. P. V. Patil, Dr. S. Shinde, Dr. Mahesh S. Bhadane , Dr. R. B. Talware, Dr. Sandip Patil, Dr. G. J. Mogal, V. S. Ghemud	Electrodynamics	<i>T. Y. B. Sc</i>	Prashant Pulications (First Edition)	2021	9789391391126
6.	Dr. R. B. Talware, Dr. Sandip Patil, Dr. M. K. Deore, Dr. Madhav Sarode, Dr. P. V. Patil, Dr. S. Shinde, Dr. Mahesh S. Bhadane , Dr. A. A. Jadhvar, Dr. G. J. Mogal, A. B. Bhorde, V. S. Ghemud	Atomic and Molecular Physics	<i>T. Y. B. Sc</i>	Prashant Pulications (First Edition)	2021	9789391391287
7.	Dr. P. V. Patil, Dr. M. K. Deore, Dr. G. J. Mogal, Dr. Madhav Sarode, Dr. Mahesh S. Bhadane , Dr. S. Shinde, Dr. R. B. Talware, Dr. Sandip Patil, Dr. A. A. Jadhvar, A. B. Bhorde, V. S. Ghemud	Computational Physics	<i>T. Y. B. Sc</i>	Prashant Pulications (First Edition)	2021	9789391391362
8.	Dr. M. K. Deore, Dr. S. Shinde, Dr. Madhav Sarode, Dr. P. V. Patil, Dr. A. A. Jadhvar, Dr. Sandip Patil, Dr. Mahesh S. Bhadane , Dr. G. J. Mogal, Dr. R. B. Talware, A. B. Bhorde, V. S. Ghemud	Elements of Material Science	<i>T. Y. B. Sc</i>	Prashant Pulications (First Edition)	2021	9789391391447

12. Abstracts/ Papers/ Posters Presented/ Attended in the National/ International Conferences/ Symposium/ Workshop/ Schools:

Sr. No.	Conference Name	Organizers	Date	Presented/ Attended
1	<i>International Symposium on "Recent Trends in Chemical Science-2021"</i>	Dept. of Chemistry and IQAC, Dada Patil Mahavidyalaya, Karjat, Dist-Ahmednagar, (MH), India	12 th Aug, 2021	-
2	<i>One Week NeW on IPR 2021</i>	Innovative Technology Enabling Centre (InTEC), CSIR-IMMT, Bhubaneswar, (OD) India	14 th - 19 st June, 2021	--
3	<i>International Virtual Conference on Advanced Materials for Emerging Technology</i>	RFEC, Sri Ramakrishna Mission Vidyalaya College of Arts and Science, Coimbatore, (TN) India	26 th - 27 st April, 2021	-
4	<i>ICLMIN-2021</i>	IGCAR, Kalpakkam, (TN) India	19 th - 21 st May, 2021	-
5	<i>Voice Care Workshop For Teacher</i>	MITSC, Maharashtra & Voice Clinic Thane, (MH), India	2 nd Apr., 2021	--
6	<i>National Level Workshop on "Functional Materials, Dye-sensitized Solar Cells and Perovskite Solar Cells"</i>	Department of Physics, School of Science and Humanities, Kongu Engineering College, Perundurai, Erode, (TN) India	21 st - 25 th Sept., 2020	-
7	<i>Online Workshop On Rietveld Refinement Method</i>	UGC DAE-CSR Mumbai Centre in association with Indore Centre, Indore, (MP), India	22 nd - 24 th Sept., 2020	-
8	<i>ISNRHNRM2020</i>	Dept. of Physics and IQAC, Dada Patil Mahavidyalaya, Karjat, Dist-Ahmednagar, (MH), India	10 th - 11 th Sept., 2020	-
9	<i>International Web-Conference on "Advanced Nanostructured Materials for Energy Generation, Storage and Smart Applications"</i>	Shardabai Pawar Mahila Arts, Commerce and Science College, Shardanagar, Baramati, (MH), India	09 th - 10 th Aug, 2020	-
10	<i>International e-Conference on Advanced functional Nanomaterials and Their Device Applications</i>	SSP Mandal's Krishna Mahavidyalaya, Rethare Bk Tal: Karad, Dist: Satara (MH), India	10 th Aug, 2020	-
11	<i>e-ICMAM-2020</i>	Mahatma Gandhi Arts, Science and Late N. P.	07 th Aug, 2020	-

		Commerce College Armori, Gadchiroli, MH, India		
12	<i>Science Leadership Workshop</i>	Central University of Punjab, Bhatinda, (PN), India	22 nd – 28 th June, 2020	-
13	<i>DAE-SSPS-2019</i>	IIT Jodhpur, (RJ), India	18 th to 22 nd Dec, 2019	Presented (Poster)
14	<i>RMC-2018</i>	Dept. of Physics, SPPU, Pune, (MH), India	24 th to 25 th Feb, 2018	Presented (Oral)
15	<i>ISR2018</i>	KEK Tsukuba, Japan	22 nd to 26 th Jan, 2018	Presented (Poster)
16	<i>27th ICNTRM</i>	University de Strasbourg, Strasbourg, France	28 th to 01 st Sept, 2017	Presented (Oral)
17	<i>European Summer School 2017</i>	University de Strasbourg, France and KIT, Germany	21 st to 25 th Aug, 2017	Presented (Poster)
18	<i>DAE-SSPS-2016</i>	KIIT University, Bhubaneswar, (OD), India	26 th to 30 th Dec, 2016	Presented (Poster)
19	<i>DAE-SSPS-2015</i>	Amity University, Greater Noida, (UP), India	16 th to 20 th Dec, 2015	Presented (Poster)
20	<i>National Symposium of Medical Bio-Physics</i>	Dept. of Physics, SPPU, Pune, (MH), India	Sep-2015	Presented (Poster)
21	<i>RMC-15</i>	Dept. of Physics, SPPU, Pune, (MH), India	12 th -13 th Feb, 2015	Presented (Poster)
22	<i>ICLA-2015</i>	PES Institute, Bangalore, (KA), India	9 th to 12 th Feb, 2015	Presented (Poster)
23	<i>DAE-SSPS-2014</i>	VIT Vellore (TN), India	16 th to 20 th Dec, 2014	Presented (Poster)
24	<i>YMRM-2014</i>	MRSI Mumbai, IIT Powai (MH), India	10 th -11 th Nov.2014	-
25	<i>Theme meeting on OSL</i>	LSI at BARC Mumbai (MH), India	13 th -14 th Nov.2014	-
26	<i>IARPNC-2014</i>	BARC, Mumbai (MH), India	19 th -21 st March, 2014	Presented (Poster)
27	<i>NTAFM 2013</i>	NCL Pune (MH), India	24 th -25 th July, 2013	Presented (Poster)

13. Short-Term/ Training Program

Sr. No.	Program Name	Organizers	Date	Presented/ Attended
1	One Week Pedagogical Training for Teachers on Tools for Online Teaching Learning and Evaluation	School of Mathematical Sciences, Swami Ramanand Teerth Marathwada University, Nanded, (MH), India	01 st – 06 th June, 2020	Attended

2	Learning Physics Through Simple Experiments	Center for Continuing Education, IIT Kanpur, (UP), India	2 nd April – 10 th June 2020	Attended
---	---	--	--	----------

14.Membership & Other Academic Responsibilities:

- **Research Center Coordinator:** Dada Patil Mahavidyalaya, Karjat, Dist-Ahmednagar, MH, India.
- **ARC Coordinator:** Dada Patil Mahavidyalaya, Karjat, Dist-Ahmednagar, MH, India.
- **Chairman:** Criteria-III, NAAC-IQAC, Dada Patil Mahavidyalaya, Karjat, Dist-Ahmednagar, MH, India. *(From 23rd August 2021 to till date)*
- **Ex-Chairman:** Criteria-VI, NAAC-IQAC, Dada Patil Mahavidyalaya, Karjat, Dist-Ahmednagar, MH, India. *(From 6th January 2020 to 22nd August 2021)*
- **Coordinator:** CIII Center, Dada Patil Mahavidyalaya, Karjat, Dist-Ahmednagar, MH, India. *(From 6th January 2020 to 28th February 2022).*
- **Coordinator:** Research Committee, Dada Patil Mahavidyalaya, Karjat, Dist-Ahmednagar, MH, India. *(From September 2021 to till date).*
- **Symposium Coordinator:** International Symposium of New Research Horizons on Nano and Radiation Materials organized by Department of Physics, Dada Patil Mahavidyalaya, Karjat, Dist-Ahmednagar, MH, India on 10th -11th September, 2020.
- **Webinar Co-Coordinator:** One Day National Webinar on the topic of "Nuclear Radiation for Societal Applications" by Department of Physics, Dada Patil Mahavidyalaya, Karjat, Dist-Ahmednagar, MH, India on the date of 7th September 2021.

-Dr. Mahesh Sakharam Bhadane

Place: Karjat

Date:04/ 12/2023.