

Dr. Sadhana A. Sawant
Ph.D(Physics)

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Academic Qualification:

Degree	Institute Name	University Name	Year of Passing	Class	Qualification Status
Ph.D (Physics)	Sant Gadge Baba Amravati University	Sant Gadge Baba Amravati University	2019	-	Awarded
M.Sc. (Physics)	R.Y.K Science College, Nashik	Pune University	1989	First	Completed
B.Sc (Physics)	R.Y.K Science College, Nashik	Pune University	1987	First	Completed

Training Details:

Training Title	Arranged By	Venue	Date	Level	Category	Type
Recent trends in Nanotechnology	AICTE-ISTE sponsored	PREC, Loni, Maharashtra.	28-12-21 to 3-1-22	National	Orientation Refresher Program	External
Nanoscience and Nanotechnology: Current Perspectives in Nanomaterials Synthesis And Characterizations	AICTE Training and Learning (ATAL) Academy	Dr. Babasaheb Ambedkar Marathwada University, Aurangabad	8-11-21 to 12-11-21	National	Faculty Development Program	External
Magnetic Levitation System	AICTE Training and Learning (ATAL) Academy	NIT Mizoram	27-9-21 to 1-10-21	National	Faculty Development Program	External

Nanomaterials and anotechnology	AICTE Training And Learning (ATAL) Academy	DIAT Girinagar, Pune	20-9-21 to 24-9-21	National	Faculty Development Program	External
'Novel Materials	AICTE Training And Learning (ATAL) Academy	SRM Institute of Management and Technology	23-8-21 to 27-8-21	National	Faculty Development Program	External
Role of ICT in Teaching–Learning Process	AICTE/ISTE sponsored	Sanjivani College of Engineering. Kopargaon	5-5-21 to 11-5-21	National	Induction Refresher Program	External
Non-Conventional Energy Sources (Green Energy)	AICTE/ISTE sponsored	Sanjivani K. B.P. Poly Kopargaon	20-4-21 to 27-4-21	National	Induction Refresher Program	External
Multiple Attribute Decision Making and Its Industrial Applications-III	TEQIP III sponsored	SVNIT Surat	15-3-21 to 19-3-21	National	STTP	External
Research Methodology: Tools and Techniques-II	TEQIP III sponsored	SVNIT Surat	1-2-21 to 5-2-21	National	STTP	External
Role of teacher: To boost Moral Values and Ethics in Engineering Education System	AICTE sponsored	MVP's KBT COE, Nashik	17-12-20 to 23-12-20	National	STTP	External
Nanotechnology, Science and Applications Phase 3	AICTE sponsored	JSPM's RSCOPE, Pune	14-12-20 to 19-12-20	National	STTP	External
Nanotechnology, Science and Applications Phase 2	AICTE sponsored	JSPM's RSCOPE, Pune	23-11-20 to 28-11-20	National	STTP	External
Multiple Attribute Decision Making and Its Industrial Applications	TEQIP III sponsored	SVNIT Surat	2-11-20 to 6-11-20	National	STTP	
Nanotechnology, Science and Applications Phase 1	AICTE sponsored	JSPM's RSCOPE, Pune	26-10-20 to 31-10-20	National	STTP	External
Sophisticated Analytical Instruments: Principles and	SCOPE, Pune	SCOPE, Pune	21-7-20 to 25-7-20	Institute	Faculty Development Program	External

Applications to Chemical and Material Sciences						
Future Materials: Nanocomposites	Bharati Vidyapeeth COE, Pune	Bharati Vidyapeeth COE, Pune	15-6-20 to 21-6-20	Institute	Faculty Development Program	External
Spoken Tutorial Technology	Spoken tutorial IIT Bombay	SKNCOE, Pune	18-5-20 to 22-5-20	National	Faculty Development Program	Internal
Python Programming with Industry Perspective	Ministry of Electronics & Information technology, Govt. of India/AICTE	AIT, Pune	2-12-19 to 6-12-19	National	Faculty Development Program	External
Solar Photovoltaics Fundamentals, Technology and Applications	NPTEL, AICTE	Pune	July to September 2019	National	Faculty Development Program	External
Current aspects in Renewable Energy, Materials and Energy Conservation	MEDA, Govt. of Maharashtra	SKNCOE, Pune	26-12-17 to 30-12-17	State	STTP	Internal
Matlab and Simulink	AICTE/ISTE approved	SKNCOE, Pune	4-12-17 to 15-12-17	National	Induction/Refresher program	Internal
Recent Advances in Nanomaterials, Nanotechnology and Nanofabrication	ISTE approved	SKNCOE, Pune	11-12-16 to 16-12-16	National	STTP	Internal
Matlab & Simulink	ISTE approved	SKNCOE, Pune	5-12-16 to 10-12-16	National	STTP	Internal
Stimulating the Knowledge of Engineering Sciences	AICTE, ISTE, SPPU sponsored	SKNCOE, Pune	28-6-10 to 2-7-10	National	STTP	Internal

Workshop Details:

Workshop Topic	Conducted By	Date	Level	Approved By	Type
Writing and Publishing Quality Research Papers in Scholarly Top Tier Journals	RMDCOE, Pune	19-7-20 to 20-7-20	National	Institute	Faculty development workshop
Faculty Awareness Workshop on Induction Program	AISSMS, Pune	19-7-19	University	SPPU	Workshop
Nanostructured Materials in Catalysis	SCOE, Pune	25-3-19 to 29-3-19	National	SERB and Department of Science and Technology, Govt. of India	Workshop
Syllabus implementation of Engineering Physics	PVG COE, Pune	2-8-12	State Level	SPPU sponsored	Workshop
Advances In Physics	VIIT, Pune	3-8-07 to 4-8-07	National		Workshop
ENPHYSICS	SCOE, Pune	20-12-06 to 23-12-06	National	SPPU, UGC, AICTE	Workshop

Conference Details:

Name	Venue	Date	Level	Category	Type	Sponsored By
17 th CRSI National Symposium in Chemistry	CSIR-NCL, Pune	6 th to 8 th February 2015	National	Organised by CSIR-NCL in association with IISER, Pune and SPPU	Symposium	CRSI
Raman Memorial Conference-2013	Dept. of Physics, University of Pune	22 nd to 23 rd February 2013	National	Organised by SPPU under the Aegis of Indian Physics association, Pune Chapter	Conference	SPPU

Research Papers:

ISSN/ISBN No	Paper Title	Published Date	Journal	Level	Status	Authors
2582-3418	Is photocatalysis a viable process for the textile industry waste water treatment? – Answer is ‘NO	2019	Catalytica, Volume 1, Issue 1	International	Published	Dr. Sadhana A. Sawant
0974-0546	Washing cloths photocatalytically to reduce global water pollution	2018	Carbon Science and Technology, Volume 10, Issue 2	International	Published	Dr. Sadhana A. Sawant
2164-7585	Chemical and Photocatalytic Degradation of the crystal violet dye by Indian Edible Chuna (Calcium Oxide/ Hydroxide)	2015	Journal of Green Science and Technology (American Scientific Publisher), Volume 2	International	Published	Dr. Sadhana A. Sawant
2164-6627	Photocatalytic Degradation of methylene Blue dye in distilled and sea water using Indian Edible Chuna(Calcium Oxide/ Hydroxide) as Photocatalyst	2014	Advanced Science , Engineering and Medicine, Volume 6,No. 2	International	Published	Dr. Sadhana A. Sawant
2164-7585	Indian Edible Chuna (Calcium Oxide/Hydroxide) as a Green Photocatalyst	2013	Journal of Green Science and Technology (American Scientific Publisher), Volume 1, Issue 1	International	Published	Dr. Sadhana A. Sawant
2160-6951	Simultaneous waste water purification via Photocatalysis and Seed Germination	2013	Green and Sustainable Chemistry, Volume3	International	Published	Dr. Sadhana A. Sawant

Books Published:

ISBN No	Title	Publisher	Publication Year
978-93-5038-759- 7	Engineering Physics	Technical Publications	2017
978-93-5038-759- 7	Engineering Physics	Technical Publications	2016
978-93-5038-759- 7	Engineering Physics	Technical Publications	2015
978-93-5038-759- 7	Engineering Physics	Technical Publications	Jan & June 2014
978-93-5038-759- 7	Engineering Physics	Technical Publications	Jan & July 2013

Certifications:

Course	Course provider	University/Organisation	Level
Semiconductor Physics	Coursera	University of Colorado, Denver	International
Excel Skills for Business Essentials	Coursera	Macquaire University, Australia	International
Excel Skills for Business intermediate –I	Coursera	Macquaire University, Australia	International

Membership Details:

Membership Body	Details	Duration	Level/Number
The Indian Society for Technical Education	Life Member	Since 2006	LM 49574

Declaration:

I hereby declare that all the above information furnished by me are true to the best of my knowledge.

Date: 11/4/2022

Name: Dr. Sadhana A. Sawant