

Personal profile

Dr. Simantini R. Thakur

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RESEARCH EXPERIENCE:

Ph.D.(February 2021), Jaipur National University, Jaipur, Rajasthan.
Title of thesis is “**studies on chemically deposited trivalent metal chalcogenide thin film**”

EDUCATIONAL QUALIFICATION:

M.Sc. (organic chemistry), B.Ed., Ph.D.

Examination	Year of Passing	Institute/University	Percentage/ GPA	Class/ Grade
Ph.D.	Feb-2021	Jaipur National University, Jaipur.	-	-
B.Ed (Science and Maths Method)	May-2012	Mumbai University	5.73	B
M.Sc. (Organic Chemistry)	Apr-2009	Mumbai University	58.40 %	Second Class
B.Sc (Chemistry)	Apr-2007	Mumbai University	71.60%	Distinction
H.S.C.	Mar-2004	Mumbai Board	49.83%	Second class
S.S.C.	Mar-2002	Mumbai Board	82.40%	Distinction

TEACHING EXPERIENCE:

Sr.No.	Institution	Period	Post
1.	J.S.M.College Alibag, Dist: Raigad, Maharashtra	4 th August 2008 to till date (14 years)	Lecturer on C.H.B., (Department of Chemistry) (13 year college CHB + 1 year university approved CHB)

Subjects Taught (UG and PG):

- Organic Chemistry
- Inorganic Chemistry
- Analytical chemistry
- Applied components (drugs)

EXTRA CURRICULAR ACTIVITIES:

- MSCIT June 2005, 95%.
- Elementary and intermediate drawing exams. (C grade)
- Worked in **cultural committee** for 10 years (2008 – 2018)
- Worked in **Avishkar committee** for two Years (2008-09 and 2018-19)

RESEARCH PUBLICATIONS:

Sr. No	Title	Authors	Journal	Vol.	Year	Page. No.	Impact factor
01.	Consequences of annealing on structural properties of zinc sulphide thin film	P.A.Chate S.R. Thakur	Schol. Research J. for interdisci. Stud.	7(13)	2018	39	-
02.	Effect of parthenium extractus on ornamentals and medicinal plants	M.D Shirsath S.R. Thakur	Schol. Research J. for interdisci. Stud.	7(13)	2018	77	-
03.	Chemical deposition of bismuth sulphide thin film using malonic acid ligand	R.S.Lokhande S.R. Thakur P.A.Chate	J. Material Sci: mate. In electronics	31(14)	2020	11095	2.220

04.	Indium sulphide thin films; effect of annealing on crystallographic properties.	R.S.Lokhande S.R. Thakur P.A.Chate	Int. J. research anal. Reviews.	7(4)	2020	402	-
05.	Bismuth sulphide thin films; optical and crystallographic studies	R.S.Lokhande S.R. Thakur P.A.Chate	Optik	219	2020	1652230	2.187-

PAPERS PRESENTED IN CONFERENCE:

Sr. No.	conference	College	Title	Year
01.	National conference on innovative research in Humanities and science.	Anjuman Islam Janjira college, Murud	Consequences of annealing on structural properties of zinc sulphide thin film	2018
02.	National conference on innovative research in Humanities and science.	Anjuman Islam Janjira college, Murud	Effect of parthenium extractus on ornamentals and medicinal plants	2018
03.	National conference on recent trends in chemistry	Institute of science, Mumbai.	Synthesis and characterization of zinc sulphide thin film	2019
04.	International interdisciplinary conference on recent trends in science	J. S. M. College, Alibag	Chemosynthesis and studies on indium sulphide	2019
05.	38 th annual national conference by "Indian council of chemists"	Jaipur National University, Jaipur	Indium sulphide thin film: optoelectronic properties	2019
06.	38 th annual national conference by "Indian council of chemists"	Jaipur National University, Jaipur	Synthesis and characterization of Bismuth sulphide thin film	2019
07.	National conference on multidisciplinary research and practices.	G. M. Vedak college, Tala	Bismuth sulphide thin films: optoelectronic characterization	2020
08.	National conference on characterization and synthesis of nanomaterials for energy and environmental applications.	Arts, commerce, science college, Nashik	Synthesis and characterization of indium sulphide using dip coating.	2020

ONLINE SEMINARS, CONFERENCES, WORKSHOPS ATTENDED:

Sr. No.	conference	College	Title	Year
01.	National webinar	Ramnarain Ruia College, Mumbai	Research writing and enhancing visibility	21 May 2020

02.	3 days national webinar	Guru Nanak Khalsa College of arts, Science and Commerce	Spread knowledge, Not corona	21 to 23 May 2020
03.	National web conference	K. E. S. Anandibai Pradhan science College, Nagothane	Green catalysis and material chemistry	27 May 2020
04.	5 days faculty development program	Satish Pradhan Dnyansadhana College, Thane.	Evolution from offline to online teaching	30 May to 3 June 2020
05.	2 day international web conference	Siddharth College of Arts, Science and Commerce.	Covid-19, perspectives of science and challenges.	19-20 June 2020
06.	International webinar	ACT, c/o Homi Bhabha Centre for science education, Mumbai.	Sustainable chemistry	18 March 2021
07.	Online workshop	J. S. M. College, Alibag	Intellectual property rights and patents	20 April 2021
08.	Webinar	J. S. M. College, Alibag	Hyphenated techniques	30 May 2021
09.	Webinar	J. S. M. College, Alibag	NMR Spectroscopy	31 May 2021
10.	Webinar	Siddharth College, Borpada, Badlapur.	Environment awareness program, Tree plantation and quiz competition.	5 June 2021
11.	National workshop	APSc college, Nagothane	IPR and patents	23 dec 2021
12.	National webinar	J. S. M. College, Alibag	Opportunities and career in pharma industry	29 jan 2022
13.	National workshop	K. C. group of institution, Punjab	Effective research paper writing	7 feb 2022
14.	National webinar	J. S. M. College, Alibag	Introduction to periodic table	10 feb 2022
15.	International seminar	Shri Shahu mandir Mahavidyalaya. Pune.	Research and library services	25 feb 2022
16.	National webinar	Dattajirao Kadam college, Ichalkaranji	World natural heritage, Kas plateau.	28 feb 2022
17.	National webinar	J. S. M. College, Alibag	Science day	28 feb 2022
18.	National webinar	Rajiv Gandhi college, Vashi	Solar energy as renewable energy	2 march 2022
19	3 days national workshop	Kamraj college, Tamilnadu.	Research methodology and use of MS Excel	16-18 march 2022

FACULTY DEVELOPMENT PROGRAM ATTENDED:

Sr. No.	Faculty development program	College	Title	Year
01.	5 days national level	Satish Pradhan Dnyansadhana College, Thane.	Evolution from offline to online teaching	30 May to 3 June 2020
02.	National level	ST. Francis De sales college, Bangluru.	Entrepreneurship.	29 jan 2022
03.	5 days national level	Yelammal engineering college, Chennai.	Investor awareness	21-25 feb 2022
04.	3 days national level	SRM institute of science and technology	Creative writing	16-18 march 2022

PARTICIPATED IN ONLINE QUIZ:

Sr. No.	Organized by	Theme	Year
01.	Rajiv Gandhi college, Vashi	Sports	20 feb 2022
02.	Agriculture and farming welfare, government of India	National farming	20 feb 2022
03.	National human rights commission, government of India.	Human rights	28 feb 2022
04.	Maharshi Parshuram college of engineering, Velneshwar	National science day awareness	28 feb 2022

