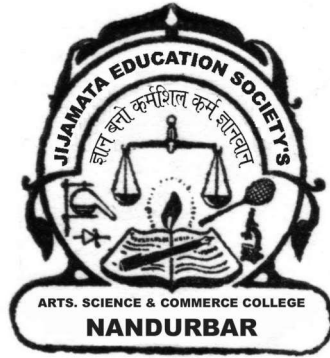




Jijamata Education Society's

Arts, Science & Commerce
College, Nandurbar.



Personal Profile of



Dr. Dilip Kashinath Sawant

Department of Physics
Jijamata Education Society's
Arts, Science and Commerce College,
Nandurbar-425412

Personal Details

Full Name : Dr. DILIP KASHINATH SAWANT

College Name : Jijamata Education Society's ARTS, SCIENCE
& COMMERCE COLLEGE, NANDURBAR

Date of Birth : 27-02-1966

Gender : Male

Date of First appointment : 01/07/1992

Date of Retirement : 27/02/2026

Department : Physics

Present Designation : Associate Professor

Nature of Post : Permanent

Pay Scale : 37400-65000, AGP-9000

Address : Department of Physics,
J.E.S.'s Arts, Science and Commerce,
College, Nandurbar 425412

Mobile No : 8329494421

E-mail address : dilipsawant2009@gmail.com

Category : Open

Educational Qualifications:

Sr. No.	Qualification	Name of Board / University	Month and Year of Passing	Grade / Marks / Division
1	B.Sc	POONA	February - 1989	SECOND
2	M.Sc	POONA	September - 1991	FIRST
3	M.PHIL[PHYSICS]	N.M.U. JALGAON	February - 2009	A
4	Ph.D[PHYSICS]	N.M.U.JALGAON	November - 2012	--

Certificate Course:

Sr. No.	Qualification	Name of Board / University	Duration	Month and Year of Passing	Grade / Marks / Division
1	Certificate Course in Computer Basics	Y.C.M.O.U., Nasik	6 Moths	Nov-1993	“O” Grade
2	Certificate Course in Word Processing (Advance)	Y.C.M.O.U., Nasik	6 Moths	Nov-1993	“O” Grade
3	Certificate Course in Word Processing (Elementary)	Y.C.M.O.U., Nasik	6 Moths	Nov-1993	“O” Grade

Appointments held:

Sr. No	Designation	Name of Employer	Date of	
			Joining	leaving
1	Lecturer	Jijamata Education Society's Arts, Science and Commerce College, Nandurbar	01-07-1992	01-07-1998
2	Lecturer (Sr. Scale)		01-07-1998	01-07-2003
3	Lecturer (Selection Grade)		01-07-2003	01-07-2006
4	Associate Professor		01-07-2006	-----

Research experience and training:

Research Stage	Title of work/ Thesis	University where the work was carried out.
M. Phil.	“Study of Gel Grown Calcium Tartrate Crystals.”	North Maharashtra University Jalgaon
Ph. D.	“Growth and Characterization of Mixed Tartrate of Metals of II nd Group”	North Maharashtra University Jalgaon

Research Projects Carried Out:

Sr. No.	Title of the Project	Name of Funding agency	Amt. (Rs)	Duration	Remarks
1	“To study the effect of mixed crystals of Calcium Tartrate in Silica gel.”	UGC	1,30,000/	2Yrs (2011-2013)	Completed

Orientation/Refresher /Short term Courses:

Sr. No.	Orientation/Refresher	Date	Name of the Institution	Grade (if given)
1	Orientation	02/11/1992 to 28/11/1992	Devi Ahilya Vishwavidyalaya, Indore.	-
2	Refresher	17/11/2004 to 07/12/2004	Academic Staff College Himachal Pradesh University, Shimla.	A
3	Refresher	27/11/2008 to 17/12/2008	UGC- Academic Staff College University of Hyderabad.	A
4	Refresher	04/02/2010 to 24/02/2010,	Devi Ahilya Vishwavidyalaya, Indore.	B

Total Teaching Experience:-----

i.) Under Graduate : 31 Yrs.

ii) Research : 10 years

Recognition as a Post Graduate Teacher/ Ph.D Guide:Ref No:NMU/11/PGR?Phy/849/7th May 2015**Subjects Taught:**

a) UG Level : Mechanics of Properties, Heat and Thermodynamics, waves and Oscillations, Atomic and Molecular Physics, Statistical Mechanb)

b)Subjects Taught Other than specialization : General Knowledge

Workload : 20 lectures/week**University and College Examination Duties Performed:**

1. Senior Supervisor
2. Paper Setter at F.Y./S.Y./T.Y. B.Sc
3. Examiner at theory examination
4. Examiner at practical examinations
5. Junior Supervisor
6. Internal evaluation of the students at F.Y./S.Y./T.Y. B.Sc

Work on Various Committees Formed By the Principal:

1. Staff Secretary
2. Examination Committee : Member

Work on Various Committees Formed By the University:

1. Member of Local Inspection Committee (LIC)
2. Chairman of Panel of examiners at T.Y.B.Sc Theory examination

Involvement in Curriculum Design:

1. Member of Syllabus Framing Committee.
2. Workshops attended related to syllabus framing

Membership/participation in bodies/committees on educational and national development : Life Member of LSOI

Seminar, Conference, Symposia, Workshop etc. Attended:

Sr. No.	Name of the seminar/ conferences/ Workshop / symposia etc.	Name of sponsoring Agency	Place	Date	Duration (Days)
1	Workshop on T.Y.B.Sc Physics Syllabus	S.S.V.P.S's.Science College Dhule.	Dhule	09-01-1994	01
2	Dhule Jalgaon District Physics Electronics Teachers Association	Jijamata College Nandurbar.	Nandurbar	08-12- 1996	01
3	Workshop on Reformation of Syllabi in Physics and Electronics	Department of physics, NMU,Jalgaon.	Jalgaon	04 -01-97	01

4	Workshop on Restructuring and Preparation of syllabi in Physics at T.Y.B.Sc.	J.E.S's Arts, Science and Commerce College Nandurbar.	Nandurbar	13 th and 14 th Feb.99	02
5	University Level Seminar on "Impact of Computer- Technology and Social Sciences".	Dr. Annasaheb G.D.Bendale Mahavidyalaya, Jalgaon.	Jalgaon	20 Oct.2001	01
6	State Level Seminar on "Information Technology and Bio-Technology:new challenges in Education"	M.G.T.S.M.C.Arts, Science and Commerce College Chopda.	Chopda.	22-23 Oct.2001	02
7	Workshop on Syllabus Framing for S.Y.B.Sc.Physics	NTVS's G. T. P. College, Nandurbar.	Nandurbar	25Feb.2003	01
8	Workshop on Curriculum Development in Physics (WCDP-2004) at T.Y.B.Sc.	P.S.G.V.P.Mandal's Arts, Commerce and Science College Shada.	Shada	19 and 20 March 2004	02
9	State Level Seminar - Recent Advances in Nanocrystalline Materials and Applications-2009	P.S.G.V.P.Mandals Arts,Science and Commerce College Shahada	Shada	6-02-2009 to 7-02-2009	02
10	State level Seminar - Advances In Science and Technology of Nanomaterials-2010	S.G.Patil Arts,Science and Commerce College Sakri	Sakri	8-03-2010 to 9-03-2010	02
11	"National Conference on-Materials and Devices for Future technology.	School of Physical Sciences,NMU Jalgaon,	Jalgaon	07-03-2011	01
12	International conference on Luminescence and its Applications.	Rajiv Gandhi University of Knowledge Technologies Hyderabad,India	Hyderabad	7-2-2012 to 10-2-2012	04

13	Workshop on First Year B.Sc. Physics Syllabi Revision	S.G.Patil Arts,Science and Commerce College Sakri	Sakri	27-03-2012	01
14	National conference on Nanostructure and Nanomaterials	Eklavya Study Centre Nandurbar	Nandurbar	28-03-2012	01
15	Syllabus Framing Workshop on S.Y.B.Sc.Physics	J.T.E.S.'s G.D.M.Arts,Shri K.R.N.Commerce and M.D.Science College,Jamner.	Jamner	10-02-2013	01
16	Workshop on Re-Structuring the Syllabus of T.Y.B.Sc.Physics	R.C.Patel Arts,Commerce and Science College, Shirpur	Shirpur	23-02-2014 to 24-02-2014	02
17	“National Seminar on Recent Trends in Environmental protection Concerns and Challenges (RTEPC)”	Arts,Commerce and Science College, Songir	Songir	05-10-2015	01
18	“Syllabus Framing Workshop on S.Y.B.Sc.Physics”	Uttamrao Patil Arts and Science College Dahiwel	Dahiwel	14-01-2016	01
19	Workshop on re-structuring the syllabus of F.Y.B.SC.(Physics)as per CBCS pattern.	C.H.C.Arts,S.G.P.Co mmerce and B.B.J.P.Science College ,Taloda.	Taloda	30-06-2018	01
20	Online Workshop on Curriculum Development in Physics at T.Y.B.Sc.(CBCS Pattern)	S.I.Patil Arts, G.B.Patel Science and S.T.K.V.S.Commerce College Shahada.	Shahada	15-05-2020 to 16-05- 2020	02
21	One Day National Level Workshop on SWAYAM .	S.J.M.S.M's Arts and Commerce College, KHAPAR.	Khapar	01-02-2020	01

22	Online Learning : Live Classroom Teaching Platforms	K.B.C.N.M.U. Jalgaon.	Jalgaon	20-07-2020 to 23-07-2020	04
23	International One Day Webinar on “ Delta Plus variant of Covid 19 virus”	Jijamata Art’s, Science and Commerce College Nandurbar.	Nandurbar	05-09-2021	01
24	State level Online workshop on “ Geo Tagging and its use”	Jijamata Art’s, Science and Commerce College Nandurbar.	Nandurbar	13-09-2021	01

Paper Presentation Details:

Sr. No.	Title of Paper	Level	Place	Period
1	Study of Gel Grown Calcium Tartrate Crystals	State	PSGVP Mandals, Shri S i Patil Arts ,G B Patel Science and STSKVS Commerce College Shahada(M.S.)	6-02-2009 to 7-02-2009
2	Spherulitic growth of neodymium tartrate crystals in silica gel	State	S.G.Patil Arts,Science and Commerce College Sakri(M.S.)	8-03-2010 to 9-03-2010
3	Effect of Various Parameters on Growth of Calcium Cadmium Tartrate Single crystals in silica gels	National	Dadasaheb D.N.Bhole College Bhusawal (M.S.)	22-01-2011 to 23-01-2011
4	Thermal Behaviour of mixed crystals of Ca-Cd Tartrate in silica gels	National	Schoolo of Physical Science N.M.U.Jalgaon	7-03-2011
5	Growth and XRD,FTIR of mixed crystals of Ca-Ba Tartrate	National	Eklavya Study Centre Nandurbar	28-03-2012
6	Growth and Thermal Behaviour of Calcium Tartrate Crystals in Silica Gels	National	Arts,Comm.and Science College Navapur	06-10-2012 to 07-10-2012
7	Growth and photoluminescence study of mixed Tartrate crystals of Ca,Ba,Srand Cd.	National	C.H.C.Arts,S.G.P.Commerce and B.B.J.P. Science College Taloda	22-01-2013 to 23-01-2013

8	Calculation of surface Area and porosity of gel grown lanthanum tartrate crystals from Gas sorption Data	National	Arts and Science College Dondaicha	1-2-2013 to 2-2-2013
9	Growth of Calcium Mixed Tartrate Crystals.	National	Uttamrao patil Arts and Science College Dahivel, Tal. Sakri, Dist: Dhule.	06-01-2018

Paper publications: (Total publications-30)

Sr. No	Details of Publication	Publication	Author (s) / Editor (s)	Level and Date
1	Paper - [Study of gel grown calcium tartrate crystals]	-- Asian journal of Chemical and Environmental Research -- From p21 To 26	D.K.sawant, H.M.Patil, J.H.Patil.	International - [10-04-2010]
2	Paper - [Growth and Study of mixed crystals of Ca-Ba Tartrate]	-- Asian Journal of Chemical and Environmental Research -- From 21 To 25	D.K.Sawant, H.M.Patil, D.S.Bhavsar	International - [17-07-2010]
3	Paper - [Thermal behaviour of gel grown mixed crystals of Ca-Sr Tartrate]	-- Asian journal of Chemical and Environmental Research -- From 62 To	D.K.Sawant, H.M.Patil, D.S.bhavsar, K.B.saraf	International - [17-10-2010]
4	Paper - [Nucleation and Growth of Lanthanum Tartrate Crystals in silica gel]	Scholar Research Library Archives of Applied Science Research -- From 168 To 175	H.M.Patil, D.K.sawant, D.S.Bhavsar, J.H.Patil, K.D.Girase	International - [14-11-2010]
5	Paper - [Spherulitic growth of neodymium tartrate crystals in	-- Journal of Scientific Review -- From 108 To 113	H.M.Patil, D.K.sawant, J.H.Patil, D.S.Bhavsar	International - [21-03-2010]

	silica gel]			
6	Paper - [Growth and Characterization of mixed crystals of Ca-Sr Tartrate in silica gel]	Scholar research library Archives of Physics research -- From 219 To 228	D.K.Sawant,H.M.Patil,D.S.Bhavsar ,J.H.Patil,K.D.Girase	International - [29-01-2011]
7	Paper - [SEM,PL and UV Properties of mixed crystals of Ca-Ba tartrate in silica Gel]	Pelagia Research Library Der Chemica Sinica -- From 63 To 69	D.K.Sawant,H.M.Patil,D.S.Bhavsar ,J.H.Patil,K.D.Girase	International - [25-09-2011]
8	Paper - [Growth and thermal behaviour of mixed crystals of calcium cadmium tartrate in silica gels]	--- J.Thermal Anal Calorim 10-1007/s 10973-011-1600-z	D.K.Sawant,H.M.Patil,D.S.Bhavsar ,J.H.Patil,K.D.Girase	International - [14-04-2011]
9	Paper - [Structural and optical properties of calcium cadmium tartrate]	Scholar Reserch Library Archives of Physics Research -- From 67 To 73	D.K.Sawant,H.M.Patil,D.S.Bhavsar ,J.H.Patil,K.D.Giras	International - [27-03-2011]
10	Paper - [Study of Gel Grown mixed calcium cadmium tartrate crystals]	Pelagia Research Library Der Chemica Sinica --- From 211 To 218	D.K.Sawant,D.S.Hhavsar	International - [25-12-2011]
11	Paper - [Growth and Thermal studies of mixed crystals of Ca-Ba Tartrate in silica gel]	Scholar research Library Archives of Applied Science Research -- From 404 To 413	D.K.Sawant,H.M.Patil,D.S.Bhavsar ,J.H.Patil,K.D.Girase	International - [31-08-2011]
12	Paper - [NLO	Scholar research	K.D.Girase,H.M.Patil,D.K.Sawant,	International

	Property and Surface morphology of Lead iodate crystals doped with zinc]	Library Der Pharma Chemica -- From 432 To 436	D.S.Bhavsar	- [30-12-2011]
13	Paper - [Crystallographic and FT-IR Characteristics of gel grown Cerium Tartrate crystals]	Scholar research Library Archives of Physics Research -- From 239 To 245	H.M.Patil,D.K.sawant,J.H.Patil, D.S.Bhavsar	International - [31-01-2011]
14	Paper - [FT-IR and Thermal studies on gel grown Neodymium tartrate crystals]	-- Journal of Thermal anlysis and Calorimetry 10,1007/s 1097-011-1599	H.M.Patil,D.K.sawant,J.H.Patil, D.S.Bhavsar	International - [01-04-2011]
15	Paper - [Effect of Cu Doping on the grown and band energy of nano-crystals of lead iodate]	Scholar research library Archives of Applied science Research -- From 128 To 134	K.D.Girase,D.K.Sawant and D.S.Bhavsar	International - [30-09-2011]
16	Paper - [Influence of Zn (II) Doping on the structural and optical properties of gel grown lead iodate crystals]	Scholar Research Library Archives of applied science Research -- From 404 To 413	K.D.Girase, D.K.Sawant,D.S.Bhavsar	International - [30-11-2011]
17	Paper - [Nucleation and growth of barium tartrate crystals in silica gel]	Scholar Research Library Archives of Physics Research -- From 8 To 14	D.K.Sawant,D.S.Bhavsar	International - [31-01-2012]
18	Paper -	Scholar research	D.K.sawant,D.S.Bhavsar	International

	[Photoluminescence and Band gap energy of Ca-Sr Tartrate]	Library Archives of Physics Research -- From 29 To 35		- [27-02-2012]
19	Paper - [SEM,EDXRP, and SHG efficiency of CO(II)Doped Lead Iodate crystals grown by gel technique]	- Journal of Chemical and Pharmaceutical Research - From 87 To 90	K.D.Girase,H.M.Patil,D.K.Sawant, D.S.Bhavsar	International - [31-01-2012]
20	Paper - [Thermal FTIR and Raman Spectral analysis of CU(II) doped lead iodate crystals]	- Journal of Thermal Anal Calorim 10.1007/s10973-0122255-	K.D.Girase,H.M.Patil,D.K.Sawant, D.S.Bhavsar	International - [16-01-2012]
21	“Elemental analysis of gel grown Ca-Cd tartrate”.	Pelagia research library, Advances in Applied Science Research,4(1),383-385,2013	D.K.Sawant, H.M.Patil, D.S.Bhavsar and ,K.D.Girase	International - [04 -01--2013]
22	“The study of the composition of mixed calcium strontium tartrate”	Pelagia research library, DCS,4(2),1-5,2013.	D.K.Sawant	International - [04 -02--2013
23	“Growth and EDAX of mixed Ca-Ba Tartrate”.	Scholars Research Library Archives of Physics research, 4(2), 1-3, 2013.	D.K.Sawant	International - [04 -02--2013
24	“Growth and	Advances in Applied	D.K.Sawant,H.M.Patil,and	International

	characterization of strontium tartrate crystals in silica gel”	Science Research, 2014, 5(6):224-228	K.D.Girase	- [05-06-2014]
25	“Growth, Morphology and Spectral Study of Gel Grown Copper Iodate Crystals”	Journal of Chemical and Physical Sciences, ISSN:2319-6602 IJCPS Vol. 3 Special Issue – NCETNN Dec-2014,20-24.	K.D.Girase, D.K.Sawant,S.B.Girase,K.S.Chaudhari,D.S.Bhavsar.	International 01-12-2014
26	“Growth and Characterization of Gel Grown Cobalt Iodate Crystals”.	Bulg. J. Phys. 41 (2014) 315–320	K.D.Girase, P.Z.Zambare,,K.S.Chaudhari, .D.K.Sawant .	International 30-12-2014
27	.Paper- [“Synthesization and structural studies of Barium Tartrate crystals by silica gel technique”.]	Archives of Physics Research, 2015, 6 (1):26-30	S.J.Baviskar,N.S.Patil,D.K.Sawant, and D.S.Bhavsar.	International - [6-01-2015]
28	.“Growth and optical behavior of Co(II) doped ammonium nickel sulphate hexahydrate crystals by gel technique ”	Advances in Applied Science Research, 2015, 6(2):124-127	S.J.Baviskar,M.S.Kale,D.K.Sawant, and D.S.Bhavsar.	International - [6-02-2015]
29	Study of	International	Premjeet	International

	Structural, Morphological and Composition Characteristics of Vacuum Deposited $Zn_{0.75}Cd_{0.25}Se$ Thin Films	Journal For Research in Applied Science and Engineering Technology. Volume:9, Issue:III March 2021	Jadhav,D.K.sawant,K.D.Girase,K.B .Mahajan ,V.R.khadse,R.R.Attarde,D.S.bhavs ar.	-[March-2021.]
30	Study of Optoelectrical Properties of Vacuum Deposited $Zn_{0.75}Cd_{0.25}Se$ Thin Films for Sensor Application	International Journal For Research in Applied Science and Engineering Technology. Volume:9, Issue:IV April 2021.	Premjeet Jadhav,D.K.sawant,K.D.Girase,K.B .Mahajan ,V.R.khadse,R.R.Attarde,D.S.bhavs ar.	International -[April-2021.]

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