

**Shri Shivaji Education Society, Amravati's  
Mahatma Fule Arts, Commerce and Sitaramji Choudhari Science  
Mahavidyalaya, Warud, Dist. Amravati**

## Faculty Profile

1. Name :Dr. Swapnil Sahebrao Arsad
2. Designation :Assistant Professor
3. Department :Department of Physics
4. Address (Residential) :1',Santkripa',Saraf Layout,Kaloti Nagar,Near Old  
bypass,Amravati.Dist.Amravati.Pin 444606
5. Phone No. / Cell No. :+91-7588804580
- 6.E-mail Address :arsadswapnil@yahoo.co.in
7. Date of Birth :01-01-1968
8. Academic Qualification

<b>Examination passed</b>	<b>University</b>	<b>Subject/ Specialization</b>	<b>Year of passing</b>	<b>Division /Grade</b>	<b>Merit</b>
Ph.D.	S.G.B. Amravati University	Laser Physics	2008		
M.Sc.	Amravati University Amravati	Physics (Solid state physics & electronics)	1992	I	2 <sup>nd</sup> from Dept.
B.Sc.	Amravati University Amravati	Physics, Maths., Electronics	1988	I	
H.S.S.C. (10+2)	Divisional Board Amravati	Maths. ,Phy, Chem, English,	1985	I	
P.A.T.	SET,center,pune	Physics	2005	Qualified	1 <sup>st</sup> from Dept.
P.B.Sc.D.C.S&A	Nagpur	COBOL,FOR TRAN	1990	I	2 <sup>nd</sup> from Institution
B.Ed.(R.C.E.)	Barkatullah,,Bhopal	Physics,Maths.	1993	I	2 <sup>nd</sup> from Institution
C.C.W.W.C.	Barkatullah,,Bhopal	Physics,Maths.	1993	I	

9. Teaching Experience:

**UG: 08 Years**

**PG: 08 Years**

10. Research Experience:

A. M. Phil. (Completed/Ongoing): Nil

Sr. No.	Number Enrolled	Dissertation Submitted	Degree awarded

B. Ph. D (Awarded/Thesis Submitted/Registered): Nil

Sr. No.	Name of the Research Student	Topic of the Research

C. Resource Person for Orientation and Refresher Course: Nil

Sr. No	Academic Staff College	Date	Topic

D. Research Papers published in Journals (with citation index and impact factor)

Sr. No	Title	Journal	ISSN/ ISBN No.	Impact Factor if any
1.	Phototherapy based on Xenon halide family in the context of skin treatment PP 188-190	Souviner NCRTMPA-2014	978-81-929160-2-6	
2.	Re-pigmentation Induced by NBUVB for the treatment of vitiligo :A clinical case report .PP 210-213	International Journal of Basic & Applied research (NCMS-2014)	2249-3352	
3.	Skin graft is transplantation of human skin for re-pigmentation of vitiligo patches, pp 188-190	International Journal of Life Sciences Special issue –A8-Sep 2017	2320-7817(P) & 2320-964X(O)	4.23
4.	A Clinical study of Selective treatment of vitiligo with excimer lamp	International Journal of Current Engg.& Scientific Research (IJCESR)	ICETIRDHE -2018 2393-8374(print),2394-0697 (online)	3.2
5.	Synthesis and Dosimetry	International Research Journal	2322-0015	4.115

	Characterisation of CaF <sub>2</sub> :Ce <sup>3+</sup> phosphor material pp 161-164 (IRJSE )	of Sci.& Engg. Jan-2018.Special issue A2		
6.	Chemistry of Skin Color in Context of Vitiligo Treatment pp116	NCCS-2016,Dept of Chem ,S.G.B.A.U. Amt.		
7.	Use of Xenon Chloride Eximer Laser in the Vitiligo Treatment pp117	NCCS-2016,Dept. of Chem ,S.G.B.A.U.Amt.		
8.	Vitiligo Regaining Normal Skin Color from Physics Point of View pp 475-477	International Journal on Recent and Innovation Trends in Computing and Communication ,Volume-4 Issue 7	2321-8169	
9.	Application of UV Spectrum in Medical and Other Diversified fields 478-479	International Journal on Recent and Innovation Trends in Computing and Communication ,Volume-4 Issue 7	2321-8169	
10.	The study of materials used in eximer lamps and lasers which is a source of UV light widely used in industrial and medical field	Abstract book of NCEMTFA-2016,G.R.Pandit Sci.college ,Jalgaon ,pp19 book of N	978-93-85664-35-9	
11.	The skin disorder vitiligo curing with phototherapy .	International Journal of Researches in Biosciences,Agri.& Tech.IJBAT ,SPECIAL Issue,(2),Vol-V,July,2017,pp324-326	2347-517X (online)	5.2
12.	The epidermic Dieses Treatment wirth UV spectrum	International Journal of Researches in Biosciences,Agri.& Tech.IJBAT ,SPECIAL Issue,(2),Vol-V,July,2017,pp 327-328	2347-517X (online)	5.2
13.	Advances in Technology for Vitiligo Treatment with Phototherapy pp 12-14	Aayushi International Interdisciplinary Research Journal (AIIRJ)	2349-638X Special Issue	4.574
14.	Lamps having wavelength suitable for treatment of	International Journal of Current Engg.& Scientific	2393-8374 (print)	

	photoresponsive skin disease vitiligo	Research (IJCESR) , Vol-5, Issue-1 pp 228-230		
15.	Synthesis & dosimetry Characterisation of $\text{CaF}_2:\text{Ce}^{3+}$ Phosphor Material	IRJSE Int.Res.J. of Sci. and Engg.,2018 issue,A2:161-164	2322-0015	4.115 ,SJIF
16.	Case study of the phototherapy and methods for vitiligo patches	Bio-nano-frontier Vol-8,issue 3, April 2015 PP 22-23	0974-0678,online 2320-9593	
17.	Curing the vitiligo patches with LASER UVB therapy	Bio-nano-frontier Vol-8,issue 3, April 2015 PP 19-21	0974-0678,online 2320-9593	

#### 11. A. Seminars/ Conferences/ Symposia/ Workshops attended

<u>Sr. No</u>	<u>Name of the seminar/workshop/symposium</u>	<u>Level</u>	<u>Place&amp; name of sponsoring agency/Organisers</u>	<u>Date</u>	<u>Paper presented/ published</u>
1	A Program on Sci.& Tech. for Human Development (PSTHD-2015)	Regional	Shri Shivaji Sci. College, Amravati	9-10 March,2015	
2	One Day National Seminar on Nanotech.& Nano engg.(NSNN-2016)	National	Arts ,Commerce & Science College ,Kiran Nagar, Amravati.	29 <sup>th</sup> Sep.2016	Paper presented
3	1 <sup>st</sup> National Teachers' Congress	National	M.I.T. College of Engg. Kothrud .Pune .	23-25 <sup>th</sup> Sept. ,2016	
4	Academic & Administrative Audit (AAA) of the Higher Education Institutions	National	Shri Shivaji Sci. College ,Amravati	9-10 Dec.2016	
5	Silver Jubilee Alumni Celebration -2017	Uni.level	S.G.B.A.U.,Dept. of Phy.	25 <sup>th</sup> March,2017	
6	1 <sup>st</sup> National Conference on Innovative Trends in Sci.& Engg .(NC-ITSE'2016)	National	College of Engg. &Tech. Shegaon,Dist. Buldana ,(M.S.)	8 <sup>th</sup> July 2016	Paper presented
7	A Workshop for Orientation of Physics Teachers on revision & Restructuring of UG Physics Syllabi	Uni.level	Vidyabharathi Mahavidyalaya ,Amravati	22 <sup>nd</sup> Jan-2017	
8	49 <sup>th</sup> All India Marathi Vigyan	National	S.G.B.A.U. & M. V	5-	

	Adhiveshan		.Parishad ,Amravati	7,Dec.2014	
9	National Level Two Days Laboratory Workshop on PHYSICS for UG Teachers	National	Shri Shivaji Sci. College, Amravati ,AUPTA & IAPT	27-28 June ,2014	
10	International Conference on Contemporary Research in Chemical and Life Sciences	International	Sadguru Gadge Maharaj College, Karad.	22-23th ,April,2014	Paper presented
11	National Conference on Chemical Sciences (NCCS-2016)	National	Dept. of Chem ,S. G .B. A .U. Amravati	29-30 Jan-2016	Paper presented
12	Regional workshop on Research based Pedogogical Tools	Regional	Shri Shivaji Sci. College ,Amravati	26-28 th June,2018	
13	Recent Trends in Sci.& Tech.	International	S.S.S.K.R. Innani Mahavidyalaya ,Karanja (Lad),Dist. Washim	22-23 March,2018	Paper presented
14	International Conclave on Emerging Trends in Research & Development in Higher Education (ICETIRDHE-2018)	International	L.B.S .Arts, N.G.Sci. A.G. Com. College ,Sakharkherda ,Dist ,Buldana	2-8 May 2018	Paper presented
15	5 <sup>th</sup> Shivaji Vigyan Parishad - 2017	Regional	Shri Shivaji Edu .Society, Amt. and T.I.F.R. Mumbai	28-30 Dec 2017	
16	State Level Conference on "Advanced Methods for Material Characterisation " SCAMMC-2018	State	Hon. Balasaheb Jadhav Arts, Commerce & Science College,Ale ,Tq- Junnar .Dist. Pune	5,6 <sup>th</sup> Jan 2018	Paper presented
17	National Conference in Biotech.& Biodiversity (NCBB-2017)	National	Shri Shivaji Sci .College ,Amravati	22,23th Sep.2017	Paper presented
18	National Conference on Recent Trends in Synthesis & Characterisation of Futuristic Material in Sci. for the development of Society (NCRTFMDS-2018)	National	L.B.S .Arts ,N.G.Sci .A.G.Com .College ,Sakharkherda, Dist ,Buldana	13 <sup>th</sup> Jan 2018	Paper presented
	<b><u>Total : National -09,,International -03,,Regional-03,,State -01,,Uni-02</u></b>				

12. Research Projects Completed: (Minor/Major)

Sr. No.	Title of the Project	Name of the funding agency	Period
1			

13. Articles / Chapters published in Books.

Sr. No.	Title with page nos.	Book Title/ editor & publisher	ISSN / ISBN No.
1	Mathematical 1-Background and Electrodynamics pp 1-16	A Text book of Physics ,B.Sc.II,Sem III,Nabhaprakashan,Amravati	978-81-905776-250-5
2	Thermodynamics	A Text book of Physics ,B.Sc.I,Sem II,Nabhaprakashan,Amravati	978-81-905776-250-4
3	Fiber Optics	A Text book of Physics ,B.Sc.I,Sem II,Nabhaprakashan,Amravati	978-81-905776-250-6
4	Quantum Mechanics	A Text book of Physics ,B.Sc.III,Sem V,Nabhaprakashan,Amravati	978-81-905776-250-7

14. Innovations/ Contributions in Teaching:

- a) Design of Curriculum: Nil
- b) Extension Activities/ Consultancy/ Community Works:
- c) Invited Lectures/Resource Person/ Chairmanship at National/ International Conference/ Seminar etc.
- d) Invited Lectures:

Sr. No.	Topic	Title of Conference/ Seminar	Venue	Level
1	Advances in Technology for Vitoligo Treatment with Phototherapy	International Conclave on Emerging Trends in Research & Development in Higher Education (ICETIRDHE-2018)	St. Theresa Uni. Bangkok, Thailand	International

- e) Chairmanships at National/ International Conference/ Seminar etc.

Sr.No	Session	Theme of Conference/	Venue
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		<b>Seminar/etc.</b>	
1			

f) Membership of Academic Organizations:

1. Life member of Indian Laser Association .New Delhi .
2. Life member of Indian Society for Technical Education.New Delhi
3. Life member of Institute of Engineers& Technological Education New Delhi.
4. Life member of Indian Association of Physics Teachers.New Delhi .
5. Life member of Indian National Science Congress, Kolkata.
6. Life member of Amravati University Physics Teacher Association,Amravati
7. Life member of Nagpur University Teacher Association .
8. Life member of Physical Society of India, Amravati.

g) Achievement/Awards of the Teacher :- Best Teacher Felicitation By Lions Club of Akola,Dist.Akola,Maharashtra.

h) Organization of Seminar/Conference /Workshop etc.:

<b>Sr. No</b>	<b>Seminar/Conference /Workshop</b>	<b>Sponsored Agency /Self Finance</b>	<b>Theme/Date</b>
<b>1</b>	National Level Two Days Laboratory Workshop on PHYSICS for UG Teachers	D.S.T. and U.G.C. with Shri Shivaji Sci.College,Amravati	27-28 June ,2014
<b>2</b>	National Conference in Biotech.& Biodiversity (NCBB-2017)	D.S.T. and U.G.C. with Shri Shivaji Sci.College,Amravati	22,23th Sep.2017

i) Any other information

1. Lecture delivered on the subject “Oscillations“ at Shri. J.C.Tompe , Arts, Commerce & Science College, Chandur Bszar,Dist.Amravati, 2014.