

Biodata

1. Name in full (in BLOCK LETTERS) : Dr. BHAGYASHREE SATISH NAGRARE
2. Date of Birth (Proof to be enclosed) : 2nd October 1983
3. Nationality : Indian
4. Religion : BUDDHIST
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Dr.Babasaheb Ambedkar High School, Untkhana, Nagpur- 440009.

8. CASTE : **SCHEDULE CASTE, BUDDHIST (MAHAR)**

10. Educational Qualifications
(in chronological order starting with 10th /Matric onwards) - *Use extra sheet, if needed*

Exam Passed	Year of passing	University /Board	Subject	Marks	Percentage of Marks
SSC	1999	MAHARASHTRA	GENERAL	463	61.73 %
HSC	2001	MAHARASHTRA	SCIENCE	349	58.17 %
B.Sc. (PHYSICS)	2004	R.T.M.NAGPUR UNIVERSITY	PHYSICS, ELECTRONICS, MATHEMATICS	883	65.40 %
M.Sc. (PHYSICS)	2006	R.T.M.NAGPUR UNIVERSITY	Mat.Sci.,Elec., Quantum Mech.,Solid State Physics, Electrodynamics, Classical mech., Atoms, molecules and solids	661	66.10 %
M.Phil. (PHYSICS)	2008	R.T.M.NAGPUR UNIVERSITY	Materials Science, Electronics	121	60.50 %
Ph.D. (PHYSICS)	2013	R.T.M.NAGPUR UNIVERSITY	“Synthesis and characterization of perovskite	Awarded	Awarded

			[A _{1-a} A' _a B _{1-b} B' _b O _{3-x}] type oxides for solid oxide fuel cell (SOFC) application”		
Post-Doc	2014	SAVITRIBAI PHULE PUNE UNIVERSITY	Investigation on multiferroic magnetoelectric Y(Bi, La & Lu)FeO ₃ system	Completed	Completed

12. Details of Experience : (particulars of all previous and present employment)

Name of the Organization/ Institute	Post Held	DURATION		Basic pay in the scale of pay/pay band with Grade pay	Detailed nature of duties performed (Use separate sheet)*
		FROM	TO		
PGTD PHYSICS RTMNU	CONTRIBUTARY	August 2007	June 2008	CHB	Practicals
PGTD PHYSICS RTMNU	CONTRIBUTARY	January 2009	Feb 2010	CHB	Practicals
GH RAISONI COLLEGE OF ENGG., RTMNU.	Assistant Professor	Dec 2011	March 2013	Rs. 25,000, consolidated	Lectures and Practical
SANT TUKARAM POLYTECHNIC, Maval, Pune	Lecturer	April 2014	Sept 2014	Rs. 22,000, consolidated	Lectures and Practical
Abasaheb Garware college, Pune	Assistant professor	2017	current	15,900 -39,100 GP - 6000	Lectures and Practical

18. Area of specialization : Materials Science

19. Details about present Employment with nature:

- a) Name of the post held : Assistant Professor
b) Regular/contract/Deputation : Regular (Non-Grant)

(c) Current Pay Bank & Basic pay / Grade Pay :16,920 – 39,100, AGP-6000

Published Papers:

S.No.	Title of Papers, Authors names, Name of Journal, year, vol no., Page no. etc	IMPACT FACTOR
1.	Investigation on perovskite type $Ba_xSr_{1-x}Co_{0.6}Fe_{0.4}O_{3-\delta}$ ($x = 0.2-0.8$) oxide as cathode materials for solid oxide fuel cell” authored by B.S. Nagrare and S.S.Bhoga in Integrated Ferroelectrics journal, 116:101-112, 2010.	0.375
2.	Influence of preparative techniques on microstructure and electrochemical properties of $Ba_{0.3}Sr_{0.7}Co_{0.6}Fe_{0.4}O_{3-\delta}$ (BSCF3764) cathode for IT-SOFC, B.S.Nagrare* and S.P.S.Shaikh, in IAPS journal, ISSN 0974-9373, Vol. 15 No.3, 239-254 (2011)	1.12
3.	A study of electrical characterization of nano-structured copper-cermet anode material for IT-SOFC through GNP, S.P.S.Shaikh* and B.S.Nagrare, in IAPS journal ISSN 0974-9373, Vol. 15 No.3, 315-334 (2011).	1.12
4.	Nanostructured MIEC $Ba_{0.5}Sr_{0.5}Co_{0.6}Fe_{0.4}O_{3-\delta}$ (BSCF5564) cathode for IT-SOFC by nitric acid aided EDTA–citric acid complexing process NECC) <i>International Journal of Hydrogen Energy</i> , B.S.Nagrare, S.V.Moharil and S.P.S.Shaikh, <i>Volume 37, Issue 6, March 2012, Pages 5208-5215.</i>	4.05
5.	A Comparative Study of Copper-Cermet Anode Material Synthesized by Different Technique, in International journal of Hydrogen Energy, S.P.S.Shaikh*, B.S.Nagrare and Prof. S.V.Moharil, 2012; (378):6853–6861.	4.05
6.	Hyperfine interaction, Raman and magnetic study of $YFeO_3$ nanocrystals, –SSC-D-16-00864	2
7.	Vertically Alligned Ultrathin $MoSe_2$ Nanoflakes grown on carbon cloth and its Field emission behavior- <i>Materials research bulletin-MRB_2019_282_R2</i>	3.35