



ऐसें जे हान | पवित्रिक निधान |  
जेथ विटाळले मन | चोख कीजे ।।

*Adarsh Education Society's*  
**Arts, Commerce and Science College,**  
**Hingoli**

**Bio-Data and Work Profile**

1. Name in full : **Nagarkar Sonalkumar Shamsundar**  
(Starting with surname)
2. Date of Birth : **29/08/1982**
3. Nationality : **Indian**
4. State : **Maharashtra**
5. Mother Tongue : **Marathi**
6. Caste & Category : **Sonar (O.B.C.)**
7. Languages Known : **English, Hindi & Marathi**
8. Qualification : **M.Sc. (Botany); Ph.D.**
9. Date of Appointment : **28/06/2011**
10. Pay Band/ AGP : Pay Band : **57700-182400**  
AGP: **7000 (w.e.f. 15/10/2017)**
11. Designation : **Assistant Professor**
12. Specialization : **Plant Tissue Culture, Palynology,  
Biochemistry, Plant Pathology.**
13. Name of the Department : **BOTANY**
14. Experience : **10 Years**

	Junior	UG	PG
a) Teaching	<b>00</b>	<b>10</b>	<b>00</b>
b) Administration	<b>NIL</b>		

c) Research                      **10 Years**

**(15 years including Ph.D.)**

15. Blood Group                      :            **A<sup>+</sup>**
16. PAN No.                            :            **AOUPN8948L**
- Aadhar Number                    :            **2960 0227 6226**
- PF / DCPS                            :            **DCPS- 053401002205 SSNM8201183**
17. Residential Address                :            **Flat No. 2, Gagan Apartment, Ajay Nagar,**  
**Narayan Nagar Area, Hingoli 431 513.**
18. Contact No.                        :            **Mobile No. 9657572981**
19. E-mail – ID                         :            **[drssnagarkar@gmail.com](mailto:drssnagarkar@gmail.com)**

**20. Details of Academic Qualification**

Examination	Name of the Board / University	Year of Passing	Percentage of marks obtained	Division / Class / Grade	Subjects/Title
High School / S.S.C.	Amravati Board	1998	61.86 %	I <sup>st</sup>	English, Marathi, Hindi, Science, Maths, Social Sciences
Intermediate H.S.C.	Amravati Board	2000	50.33 %	II <sup>nd</sup>	Biology, Chemistry, Physics, Mathematics, English, Marathi
B.A./B.Com./ B.Sc.	B.Sc. Amravati University	2003	60.00 %	I <sup>st</sup>	Botany, Zoology, Chemistry
M.A./M.Com./ M.Sc.	M.Sc. S.G.B. Amravati University	2005	64.90 %	I <sup>st</sup>	Botany
B.Ed. /B.Lib./ B.P.Ed.	-----	---	---	---	-----
M.P.Ed./ M.Lib.	-----	---	---	---	-----
M. Phil.	-----	---	---	---	-----
Ph. D.	S.G.B. Amravati University	2011	---	---	“Pollen Spectrum of Honey and its Bio-chemical and Morphological Characterization”

NET / SET	-----	---	---	---	-----
Any Other	-----	---	---	---	-----

21) Academic Activities: Give details of (P.G. Teacher / Ph.D. Guide / Resource Person / Subject Expert, any other)

(1) **Guest Lecture at various colleges**

(2) **Subject Experts (CHB Interview, Avishkar, Science Exhibition, Poster Presentation etc)**

(3) **External Examiner**

(4) **Internal Examiner**

22) Research Activities:

**A) Minor / Major Research Projects undertaken by the faculty:-**

Project Title	Date of Sanction	Status Completed/ Ongoing / Proposed	Date of Completed Project	Funding Agency	Amount (In Lac)	
					Sanctioned	Received
---NIL---	-----	-----	-----	-----	-----	-----

**B) Research Guide: Details of Research Students.**

Sr. No.	Name of Research Students	Title of the Thesis	Status		
			Registration Date	Ongoing / Submitted / Awarded	Awarded Date
	-----N.A.-----	-----	-----	-----	-----

**C) Research Papers Published in Journals / Conference Proceedings with ISBN or ISSN No**

<b>Sr. No.</b>	<b>Title of Research Article</b>	<b>Publication Details Name of Journal / Conference /Seminar / Vol No. / Issue No. / Duration / Place &amp; Year</b>	<b>ISSN / ISBN</b>	<b>J/C/S</b>	<b>Impact Factor / UGC approved No.</b>
01	<i>In vitro</i> multiplication of <i>Gloriosa superba</i> and callus induction on different hormonal concentration.	<i>The Ecotech</i> 4(2):109-113, Sept. 2012.	ISSN 0974-9063	Peer Reviewed International Journal	-----
02	Soil ecology of Hingoli district and its role in conservation of soil biodiversity	Proceeding of National conference on Biodiversity and Conservation of Nature and Natural Resources. A.E.S. College Hingoli. 14 <sup>th</sup> -15 <sup>th</sup> December 2012.	---	National Conference Proceeding	-----
03	Weed Flora of Jowar ( <i>Sorghum bicolor</i> Pers.) which affects the Grain Yield of Jowar.	Proceeding of National Conference on 'Conservation of Medicinal Plants and their Utilization', 9-10 Dec. 2013, A.E.S. College, Hingoli. Vol. I. Page 42 – 45.	ISBN 978-81-924365-8-6	National Conference Proceeding	-----
04	<i>In vitro</i> Culture of <i>Andrographis paniculata</i> Plant Parts and its Establishment on Different Hormonal Concentration.	Proceeding of National Conference on 'Conservation of Medicinal Plants and their Utilization', December 9-10, 2013, A.E.S. College, Hingoli. Vol. I. Page 119 – 124.	ISBN 978-81-924365-8-6	National Conference Proceeding	-----
05	Preliminary phytochemical analysis of <i>Abelmoschus moschatus</i> Medikus.	Proceeding of National Conference on Advanced Studies in Life Sciences and Medicinal Plants. Nagnath College, Aundha 19-20 Dec. 2014. Page No. 103-105.	ISBN 978-81-9098-04-9-4	National Conference Proceeding	-----
06	Pollen spectrum and biochemical analysis of dominant pollen types represented by	International Journal of Pharma Research and Review. May 2015; 4(5):21-33.	ISSN 2278-6074	Peer Reviewed Online International	<b>Scientific Journal Impact Factor =</b>

	local honey samples.			Journal	<b>3.6</b>
07	Study of Some Common Fungal Diseases in Vegetable Crop Plants from Hingoli (Maharashtra) India.	Int. Res. J. of Science & Engineering, Special Issue, August, 2021 Vol. A11	ISSN: 2322-0015	Peer Reviewed International Journal	<b>SJIF Impact Factor 6.70</b>

**D) Details of Participation / Presentation of paper in the Seminars/Conferences / Symposia / Workshop**

<b>Sr. No.</b>	<b>Name of Event</b>	<b>Level</b>	<b>Organizing Agency Date &amp; Place</b>	<b>Attended/ Presented/ Resource Person</b>	<b>Title of Paper</b>
01	National Conference on "Conservation of Biodiversity in Relation to Climate Changes and Global Impact".	National	Dept. of Zoology, A.E.S. College, Hingoli (M.S.). 30 <sup>th</sup> Sept. - 01 <sup>st</sup> Oct. 2011.	Presented	<i>In vitro</i> multiplication of <i>Gloriosa superba</i> and callus induction on different hormonal concentrations.
02	National Seminar on "Recent Trends in Plant Biotechnology".	National	Dept. of Botany, Mahatama Fule Art's Commerce & Sitaramji Chaudhari Science College, Warud. Dist. Amravati (M.S.) on 28 <sup>th</sup> Jan. 2012.	Presented	Callus induction of <i>Withania somnifera</i> and <i>in vivo</i> and <i>in vitro</i> comparative screening of primary metabolites.
03	One Day Workshop on 'Avishkar and Aavhan-2012'	District	A.E.S. College, Hingoli. 7 <sup>th</sup> Aug. 2012.	Attended	-----
04	International Symposium and XXII Annual Conference of IAAT on Innovative Prospects in Angiosperm	International	Department of Botany, S.G.B. Amravati University, Amravati. 28-30 Oct. 2012	Presented	<i>In-vivo</i> and <i>in-vitro</i> comparative screening of primary metabolites from <i>Withania somnifera</i> – An Indian Ginseng

Sr. No.	Name of Event	Level	Organizing Agency Date & Place	Attended/ Presented/ Resource Person	Title of Paper
	Taxonomy.				
05	National conference on Biodiversity and Conservation of Nature and Natural Resources.	National	Department of Zoology, A.E.S. College Hingoli. 14-15 Dec. 2012	Presented	Soil ecology of Hingoli district and its role in conservation of soil biodiversity
06	One Day State Level Workshop on 'Project formulation for U.G. and P.G. students'.	State	N.E.S. College, Nanded. 25 Sept. 2013.	Attended	-----
07	National Conference on Conservation of Medicinal Plants and their Utilization'.	National	Department of Botany, A.E.S. College, Hingoli. 9-10 Dec. 2013.	Presented	<i>In vitro</i> Culture of <i>Andrographis paniculata</i> Plant Parts and its Establishment on Different Hormonal Concentration.
08	Two Day National Conference on 'Emerging Trends in Plant Sciences'.	National	Department of Botany, B. Raghunath College, Parbhani. 29-30 Dec. 2013.	Attended	-----
09	National Conference on Advanced Studies in Life Sciences and Medicinal Plants.	National	Nagnath College, Aundha 19-20 Dec. 2014.	Presented	Preliminary phytochemical analysis of <i>Abelmoschus moschatus</i> Medikus.
10	One day Workshop on The Scope of New CBCS	University	Arts, Commerce & Science College, Shankarnagar Tq. Biloli Dist.	Attended	-----

<b>Sr. No.</b>	<b>Name of Event</b>	<b>Level</b>	<b>Organizing Agency Date &amp; Place</b>	<b>Attended/ Presented/ Resource Person</b>	<b>Title of Paper</b>
	Syllabus		Nanded.		
11	XX National Conference on Aerobiology – Airborne Pollen and Spores: Assessment, Impact and Scope.	National	Dept. of Botany, Sant Gadge Baba Amravati University, Amravati.	Presented	Melissopalynological Analysis of Pollen Loads for Palyno-Contents and Floristic Diversity.
12	District Workshop on Yuva Mahiti Doot	District	UNICEF and Government of Maharashtra organized at Nagnath College, Aundha.	Attended	-----
13	One Day University Level Workshop on “The Scope of New Syllabi at First Year B.Sc. and M.Sc. (Botany)”	University	Dept. of Botany, Shri.Buddhiswami College, Purna (Jn.) Dist. Parbhani (MS). 19th July 2019	Attended	-----
14	International Conference on COVID 19: Roadmap to Future Environment	International	Dept. of Botany, St. John’s College, Agra, India.	Online Poster Presentation	Environmental Impact and Change in Plant Pollen Calendar in Recent Few Years in Marathwada Region of Maharashtra (India)
15	One Day National e-Conference on Medicinal & Wild Edible Plants.	National	Smt. Radhabai Sarda Arts, Commerce and Science College, Anjangaon Surji Dist. Amravati (MS). 22/06/2020	Attended	-----
16	Two Days National E-Conference on	National	Shri.R.R.Lahoti Science College, Morshi Dist. Amravati (MS).	Attended	-----

Sr. No.	Name of Event	Level	Organizing Agency Date & Place	Attended/ Presented/ Resource Person	Title of Paper
	Interdisciplinary Recent Research Trends.		03/07/2020 to 04/07/2020		
17	National Online Conference on Emerging Trends in Science and Technology.	National	Arvinbhabu Deshmukh Mahavidyalaya Bharsingi Tq. Narkhed Dist. Nagpur (MS). 10/06/2021	Online Paper Presentation	Study of Some Common Fungal Diseases in Vegetable Crop Plants from Hingoli (Maharashtra) India.

#### E) Publication of Books

Sr. NO.	Title of the book	Publication Details, (Publisher, place & Year)	ISSN No. / ISBN No.	Author / Co-Author
01	Proceeding of National Conference on 'Conservation of Medicinal Plants and their Utilization', December 9-10, 2013, A.E.S. College, Hingoli. Vol. I.	Rajdhool Prakashan, C/O Rajendra Printers, Gokul Colony, Jawahar Nagar, Akola (M.S.) India. 2013.	ISBN 978-81-924365-8-6	Co-Editor
02	Proceeding of National Conference on 'Conservation of Medicinal Plants and their Utilization', December 9-10, 2013, A.E.S. College, Hingoli. Vol. II.	Rajdhool Prakashan, C/O Rajendra Printers, Gokul Colony, Jawahar Nagar, Akola (M.S.) India. 2013.	ISBN 978-81-924365-9-3	Co-Editor

#### F) Details : Chapters in book /Editor / Author / Co- Author

Sr. No.	Title of the Chapter	Publication Details (Publisher, place & Year)	ISSN No. / ISBN No.	Author/ Co-Author
	----- NIL -----	-----	-----	-----

**G) Conference / Seminar / Workshop Organized**

Details of Event	Duration	Details of the Role
<b>National Conference on 'Conservation of Medicinal Plants and their Utilization'</b>	<b>December 9-10, 2013</b>	<b>Joint Organizing Secretary</b>

**H) Guest Lecture delivered / Invited lecture**

Sr. No.	Date	Place	Topic / Details of the Guest Lecture
1.	31/01/2016	NSS Camp at Pimpalkhuta Tq. Dist. Hingoli	Sericulture – A self employment
2.	09/02/2016	Nagnath Arts, Commerce & Science College, Aundha (Nag.)	Community Ecology
3.	22/05/2021	Nagnath Arts, Commerce & Science College, Aundha (Nag.)	Techniques of Plant Tissue Culture

**23) Membership of Academic / Research Bodies / Journal etc.****(1) Life Member of Indian Aerobiological Society (from 31/01/2018)****24) Details of FIP/ Orientation/Refresher/Short Term Course /Summer & Winter Schools attended by the Faculty**

Sr. No.	Event FIP /OP / RC / STC /SS / WS	Duration	Organizing Agency
01	Orientation Programme	18-04-2016 to 14-05-2016	UGC-HRDC, Punjabi University, Patiala.
02	Refresher Course	22/09/2017 to 14/10/2017	UGC-HRDC, Dr. B. A. M. University, Aurangabad.
03	Refresher Course	03/06/2019 to 15/06/2019	UGC-HRDC Saurashtra University, Rajkot.
04	Ten Days Online Faculty Development Programme on Teaching Learning and Assessment (under the scheme PMMMNTT)	23/11/2020 to 03/12/2020	Teaching Learning Centre, Central University of Rajasthan.

25) Examination Work: (Chairman / Paper Setter / Conduction of Exam /  
Vigilance – Squad Member / M. Phil. / Ph.D. Referee.)

- (1) Invigilation of University and Internal Examination.
- (2) University Examination Paper Assessment and Moderation.
- (3) Internal Examiner Theory and Practical Examination.
- (4) External Examiner Practical Examination.

26) Conduct of Educational Tour / Visit :

Sr. No.	Class	No. of Students Participated	Duration	Place	Activity Details
1	B. Sc. I,II,& III	84	22 Sept. 2011	Sitakhandi, Dist. Nanded (MS)	To Study Medicinal and Rare Plants
2	B.Sc. III	18	23 Aug. 2012	Akola	Study of Medicinal Plants in P.K.V., Akola
3	B. Sc. I, II & III	100	22 Jan. 2013	Lonar	Study of Ecology and Lower Plants of Lonar Creature
4	B.Sc. I	87	03 Jan. 2014	Aundha	Study of Flora of Aundha Dam and Surrounding
5	B. Sc.-I	79	16 Jan. 2015	Sidheshwar Dam, Dist. Hingoli (MS)	To Study and Collect Aquatic Plants, Briophyta and Pteridophyta
6	B.Sc.I	88	10 Oct. 2015	Siddheshwar Dam	Study of Lower & Aquatic Plants
7	B.Sc. II & III	37	19-20 Jan. 2016	Chikhaldara (Amravati), PKV Akola.	Study of Vegetation and Medicinal Plants
8	B.Sc.III	--	Jan. 2017	Kalash Seeds Co. , Jalna	Visit to Kalash Seeds Crop Exhibition

27) Extension Work / Community Service :-

- (1) COC Course in Sericulture
- (2) NSS District Coordinator
- (3) Plantation Activity
- (4) Blood Donation
- (5) Certificate Course in Gardening

28) Awards

Sr. No.	Name of the Award	Awarding Agency	Date	Level
	----- NIL -----	-----	-----	-----

29) Membership of Professional Organized Bodies:

----- NIL -----

30) Membership of College Committees:

Academic Year	College Committee and Role
2011-2012	(1) Science and Avishkar Committee (2) Research Committee (3) Member, NAAC-AQAR Committee (4) Member, NAAC-RAR-Teaching, Learning and Evaluation
2012-2013	(1) Science and Avishkar Committee (2) Research Committee (3) Member, NAAC-AQAR Committee (4) Member, NAAC-RAR-Teaching, Learning and Evaluation
2013-2014	(1) Member, Admission Committee (2) Member, Science and Avishkar Committee (3) Member, Higher Education Committee (4) Member, Environment Conservation Committee (5) Member, NAAC-AQAR Committee (6) Member, NAAC-RAR-Teaching, Learning and Evaluation
2014-2015	(1) Member, CE&CG Cell (2) Member, Science and Avishkar Committee (3) Member, Higher Education Committee (4) Member, Environment Conservation Committee

	<p>(5) Member, NAAC-AQAR Committee</p> <p>(6) Member, NAAC-RAR-Teaching, Learning and Evaluation</p>
2015-2016	<p>(1) Member, Science and Avishkar Committee</p> <p>(2) Member, CE&amp;CG Cell</p> <p>(3) Member, UGC Committee</p> <p>(4) Member, Excursion Committee</p> <p>(5) Member, Attendance Report Action Committee</p> <p>(6) Member, NAAC-AQAR Committee</p> <p>(7) Member, NAAC-RAR-Teaching, Learning and Evaluation</p>
2016-2017	<p>(1) Member, Science and Avishkar Committee</p> <p>(2) Member, CE&amp;CG Cell</p> <p>(3) Member, UGC Committee</p> <p>(4) Member, Excursion Committee</p> <p>(5) Member, Attendance Report Action Committee</p> <p>(6) Member, NAAC-AQAR Committee</p>
2017-2018	<p>(1) Assistant Nodal Officer, New Voters Registration</p> <p>(2) Member, IQAC</p> <p>(3) Member, NAAC-AQAR Report Writing Committee</p> <p>(4) Co-coordinator, UGC Committee</p> <p>(5) Member, Science and Avishkar Committee</p> <p>(6) Member, Anti-Ragging Committee</p> <p>(7) Member, Research Committee</p>
2018-2019	<p>(1) Member, IQAC</p> <p>(2) Programme Officer, NSS</p> <p>(3) Coordinator, Green Audit Committee</p>
2019-2020	<p>(1) Member, IQAC</p> <p>(2) Programme Officer, NSS</p> <p>(3) Member, UGC Committee</p>

	(4) Member, Green Audit Committee
2020-2021	(1) Member, IQAC (2) Programme Officer, NSS (3) Member, UGC Committee (4) Member, Green Audit Committee
2021-2022	(1) Member, IQAC (2) Programme Officer, NSS (3) Member, UGC Committee (4) Member, Green Audit Committee

31) Any other Highlights:

- (1) **Secretary, SWAMUCTA, Adarsh College Unit (from 05/07/2016 to till date).**

**Signature**

Dr. Sonalkumar Shamsundar Nagarkar  
**Assistant Professor in Botany**  
**A.E.S. Arts, Commerce and Science College,**  
**Hingoli.**