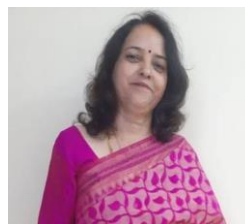


CURRICULUM VITAE



Name : **Dr. Sarla Saklani M.Sc., Ph. D. (Chemistry)**

Husband's Name : Prof. Dinesh Prasad Saklani (Director NCERT)

Date of Birth : 18-05-65

Departmental Address : Head, Dept. of. Pharmaceutical Chemistry
H.N.B.Garhwal University, (A Central University)
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Educational Qualifications:

- M.Sc. 1988 Ist Div., Birla Campus Srinagar, HNBGU Srinagar Garhwal
- Ph.D. 1992 Birla Campus Srinagar, HNBGU Srinagar Garhwal
- Teaching Experience: Teaching Degree and Post Graduate 31 Years)
- **Primary area of research: Chemistry of Natural Products (Phytochemistry, Nutraceuticals)**
- **Research Experience: 21 Years**
- **Publication:**
 - i. **Research Papers Publication: 106**
 - ii. **Books: 09**
 - iii. **Book Chapters: 08**
 - iv. **Ph. D.: 07**
 - v. **Research Projects: 04**

vi. Papers published in Proceedings:	05
vii. Awards:	05
viii. Patents:	19
ix. Membership in Professional Academic Bodies:	05
x. Workshops Attended:	16
xi. Invited speaker/ Resource Person/ Key note Speaker/Chairperson:	23
xii. Papers Presented/ Participated at National / International Conferences:	22
xiii. Training/ Orientation/ Refresher Programs:	08
xiv. National Workshop organized on IPR, on 17/11/2018 at HNB Garhwal University Srinagar Garhwal.	01
xv. Citation - 2152	

❖ **Peer Reviewer**

- i. IFT
- ii. Drug and Chemical Toxicology
- iii. Natural Product Communications
- iv. Natural Product Research

Administrative Experience:

- i. Convener of Board of Studies of the Department of Pharmaceutical Chemistry, H.N.B. Garhwal University, Srinagar Garhwal, Uttarakhand, 2012 onwards.
- ii. Member of BOS Biochemistry, HNBGU Srinagar Garhwal.
- iii. Member of BOS Swami Rama Himalayan University Jolly Grant, Dehradun.
- iv. Head, Dept. of Pharmaceutical Chemistry 2010 onwards.
- v. Warden Girls Hostel Chauras Campus 2016 onwards.
- vi. Member of Prevention, Prohibition and Redressal of Sexual harassment of Women 2021 onwards.
- vii. Member of Patent Cell of the University 2020 onwards
- viii. Member of Internal Complaint Committee of University.
- ix. Expert of Technical University, Uttarakhand for B. Pharm. Course inspection 2010 onwards.
- x. Member of Faculty Board for the school of Sciences, of the H.N.B. Garhwal University, Srinagar Garhwal, Uttarakhand, 2015 onwards.
- xi. Member selection committee of Guest Faculty 2010 onwards.

- xii. Coordinator of M.Sc. Pharmaceutical Chemistry, H.N B Garhwal University, Srinagar Garhwal 2007-2010.
- xiii. Member of anti - ragging committee of HNBGU Srinagar Garhwal from 2009-14 onwards.
- xiv. Member of RDC committee, Dept. of Pharmaceutical Sciences 2008
- xv. Programme officer NSS of HNBGU Srinagar Garhwal from 2011-14.
- xvi. Observer in Main Exams of University 2010

Brief Summary of Research Achievements:

- i. Evaluation of Nutritional value and Keeping Quality of wild Edible Fruits of Garhwal Himalaya.
- ii. Evaluation of Nutraceutical Potential of some wild Edible Fruit of Uttarakhand Himalaya.
- iii. Nutritional Evaluation of Lesser Known Crops of Uttarakhand
- iv. Worked on Herbal Drugs and Traditional Knowledge of Uttarakhand.
- v. Attempts were made to identify and evaluate some medicinal plant species for anti-microbial, anti-inflammatory, anti-diabetic and anti-epileptic and anti-cancer potential.
- vi. Credited as Associate Editor in the Editorial Board of research journal "The Herb, International Journal of Phytomedicine and Pharmacognosy 2013 onwards.
- vii. Appointed as Reviewer/Referee of the Journal of "Journal of Food Science"(IFT), U.S.A., Drug and Chemical Toxicity, Natural Product Communication and Natural Product Research .
- viii. External examiner of Ph.D. synopsis and Thesis of University of Banasthali vidhyapith, Rajasthan and Uttarakhand Technical University, Uttarakhand.
- ix. Member of Coordination committee for organizing 7th Uttarakhand State Science and Technology Congress -2012.

Curriculum development:

- i. Organized a national workshop on IPR in 2018
- ii. Designed Semester syllabus (NEP-2020) for M. Sc. Pharmaceutical Chemistry.

- iii. Designed Semester syllabus (NEP-2020) for Pre-Ph.D..
Pharmaceutical Chemistry.
- iv. Convener Departmental purchase committee 2007 onwards.
- v. Departmental Library in-charge 2007 onwards

Publication (last Five Years):

2025

1. Sandhya Dogra, **Sarla Saklani**, Phytochemical Investigation, GC-MS Analysis, Antioxidant and Antimicrobial Potential of Himalayan *Cedrus Deodara*, **INTERNATIONAL JOURNAL OF RESEARCH AND INNOVATION IN APPLIED SCIENCE (IJRIAS)** ISSN No. 2454-6194 | DOI: 10.51584/IJRIAS | Volume X Issue XII, 696-702, December 2025, URL: <https://rsisinternational.org/journals/ijrias/article.php?id=4500>
2. **Sarla Saklani**, Monika Kawra , Subhash Chandra , Sakshi , Henrique Douglas Melo Coutinho , GC-MS analysis, phytochemical profiling and pharmacological assessment of Abies pindrow from Uttarakhand, Food and Humanity, Food and Humanity 5 (2025) 100863, URL: <https://www.sciencedirect.com/science/article/abs/pii/S2949824425003672> ISSN 2949-8244.
3. **S. Saklani**¹ , V. Gupta² , R. Sharma³ , G. Kaur² , M. Kawra¹ , P. Sakshi¹ , M. Maithani⁴, Antioxidant Capacity and Antimicrobial Effects of Nardostachys Grandiflora Leaves Extracts, International Journal of Current Pharmaceutical Review and Research 2025;17(9);1281-1286, URL: <https://impactfactor.org/PDF/IJCPR/17/IJCPR,Vol17,Issue9,Article213.pdf>
4. **Sarla Saklani** , Logesh Babu , Juhi Sharma , Kratika Pathak , Sonika Motan, Rajshree Jadaun, Nilesh Jha, UNLOCKING THE POTENTIAL OF PROBIOTIC BACTERIA: THE IMPACT OF LACTOBACILLUS AND PGPR ON PLANT GROWTH AND SOIL HEALTH, The International Journal of Technology, knowledge and Society, 2025, 15 (1),497-506. ISSN:1832-3669,E-ISSN:2835-0391.

2024

5. Divyansh Panthari, Kumud Saklani¹, Subhash Chandra², Pradyumna Ghosal, **Sarla Saklani**, Vijay Kant Purohit, Exploring Swertia: Ethnobotanical Insights, Medicinal Potential, and Conservation Strategies, Afr. J. Biomed. Res. 2024, 27(3s); 6668-6696

6. V. K. Bisht . A. K. Bhandari · L. S. Kandari · T. Negi · Subhash Chandra · **Sarla Saklani** · Santwana Palai · Bruna Caroline Gonçalves Vasconcelos de Lacerda · Henrique D. M. Coutinho, Fatty acids analysis, antioxidant, antimicrobial and biological activity of essential oil of *Skimmia laureola* Leaves, *Vegetos* (2024) 37:99–106, <https://doi.org/10.1007/s42535-022-00565-2>.

2023

7. Monika Kingar, Sakshi, Sarla Saklani, Arun K. Bishoi; GC-MS Analysis of essential oil of *Artimesia annuva* and Biological Activities of its' Extract. *School Science* , 2023, vol.61 (4), 13-17.
8. Pradyumna Ghosal , Subhash Chandra , Alka N. Choudhary, **Sarla Saklani**, *Sonchus arvensis*: Antioxidant activity, phenolic profile, and phytochemical screening , *Kariri Science- CECAPE Biology and Health Journal*, 2023, v.1 n.1:1- 8. <https://doi.org/10.29327/2256856.2023.1-8>, ISSN 2965-4084
9. Subhash Chandra, Sakshi , **Sarla Saklani** , Alka N Choudhary, Kanishk Kala, SARS-CoV-2 Infection and Transmission Inhibitor, *The Open COVID Journal*, 2023, 3, 1-7. DOI: 10.2174/26669587-v3-e230704-2023-2, 2023, 3, e266695872306070 ISSN: 2666-9587 <https://opencovidjournal.com>

2022

10. Monika Kawra, Sakshi, **Sarla Saklani**, Subhash Chandra, “*Aegle marmelos*: A medicinal wild aromatic tree” , *International Research Journal of Plant Science*, Vol. 13(4) pp. 01-8, August, 2022, ISSN: 2141-5447.
11. Subhash Chandra, **Sarla Saklani**, Pramod Kumar, Bonglee Kim, Henrique D.M. Countinho, “Nutraceuticals: Pharmacologically Active Potent Dietary Supplements”, *BIOMED Research International*, 2022, Volume 2022, pp 1-10, Impact Factor- 3.5, Web of Science, Biomed Res Int 2022 Jul 4;2022:2051017 doi: 10.1155/2022/2051017, <https://pubmed.ncbi.nlm.nih.gov/35832855/>, ISSN: 2314-6133 (Print) 2314-6141 (Online) DOI: 10.1155/2738.
12. Monika Kawra¹, Sakshi, **Sarla Saklani**, Subhash Chandra, “*Abies Pindrow* - Therapeutically Potential Himalayan Fir” *International Journal of All Research Education and Scientific Methods (IJARESM)*, 2022, ISSN: 2455-6211 Volume 10, Issue 2, , February-, pp. 634-638, Impact Factor: 7.429, Available online at: www.ijaresm.com

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13. Achyutanand , Subhash Chandra, **Sarla Saklani**, “Potent Anti-cancer Medicinal Plants of Garhwal Himalaya” *International Journal of Pharmaceutical Research and Applications*, Volume 6, Issue 5 Sep-Oct 2021, pp: 683-692 www.ijprajournal.com ISSN: 2249-7781.
14. U. P. Bhatt, Sudhir Kumar, Bipin Rawat, Subhash Chandra, **Sarla Saklani**, R. P. Bahuguna, “Isolation of a new flavanone and evaluation of antidiabetic activity from *Clematis buchananiana* aerial parts, *Curr Med Drug Res*, 2021, 5 (2), PP. 1-6, Article ID 216, ISSN: 2581-5008. Impact Factor – 1.80.
15. Yasaman Taheri , Javad Sharifi-Rad , Gizem Antika, Yakup Berkay Yılmaz, Tugba Boyunegmez Tumer, Sawsan Abuhamdah, Subhash Chandra, **Sarla Saklani**, et. al., “Paving Luteolin Therapeutic Potentialities and Agro-Food- Pharma Applications: Emphasis on In Vivo Pharmacological Effects and Bioavailability Traits”, *Hindawi Oxidative Medicine and Cellular Longevity*, Volume 2021, 1-20, impact factor 7.310, ISSN: 19420994, 19420900 Article ID 1987588, <https://doi.org/10.1155/2021/1987588>, Web of Science, <https://research.com/journal/oxidative-medicine-and-cellular-longevity>
16. Abhay Prakash Mishra, **Sarla Saklani**, Versha Parcha, Manisha Nigam , Henrique D. M. Coutinho, “Antibacterial Activity and Phytochemical Characterization of *Saussurea gossypiphora*”. *Archives of Microbiology*, 2021, Vol. 202, 1-11, Impact Factor 2.955 Publisher Springer Berlin [Heidelberg \(Germany\)](https://www.springer.com/journal/203), ISSN 0302-8933 (print); 1432-072X (web), I.F 2.8, SCI and SCOPUS indexed journal, SI No., Source No. 3318, 19623. SCI indexed Journal, Web of Science, URL- <https://www.springer.com/journal/203>
17. Subhash Chandra, **Sarla Saklani**, Abhishek Mathur, “Study of Pharmacognostical and Phytochemical Analysis of Fruits of *Martynia annua* and Study of different Formulations of Anti-ageing Cream”, *Plant Archives*, 2021, 21, Suppl (1), 2005-2012, e-ISSN:2581-6063 (online), ISSN:0972-5210. Care List No.30969, Impact Factor-0.27, Publisher Dr. R.S. Yadav , UGC Care List 2021- No.29874, 19900193211. URL- <https://ores.su/en/journals/plant-archives/>
18. Kawra Monika, **Saklani Sarla**, Parcha Versha, “Isolation and identification of an antioxidant constituent from *Satyrium nepalense* (Himalayan Orchid)”, *Research Journal of Chemistry and Environment*, 2021, 25 (4), 201-205. ISSN- 0972-0626 , Impact Factor -0.264, SCI Journal. Scopus Source No.5300152224 and SI No.33394,

Publisher International Congress of Chemistry and Environment.URL-
<https://www.resurchify.com/impact/details/5300152224>

19. Subhash Chandra, **Sarla Saklani**, Abhishek Mathur, “Research on Nutritional and Phytochemical profile of Seven Edible Food Supplements of Uttarakhand (Garhwal Himalaya)”, *An International Journal of Plant Research, Vegetose (Springer)*, 2021, 33(2),1-6, e-ISSN 2229-4473 <https://doi.org/10.1007/s42535-020-00141-6>. Springer. Impact factor 0.167, 33:610-613.**DOI** 0.1007/s42535-020-00141-x, e-ISSN 2229-4473, Springer, Scopus, UGC care list **impact factor 1.62**. Scopus Source List No.19400157312, SI No.39380, Publisher Springer Nature Switzerland AG. <https://www.resurchify.com/impact/details/19400157312>
20. Gitishree Das , Han-Seung Shin, Gerardo Leyva-Gómez , María L. Del Prado-Audelo , Hernán Cortes , Yengkhom Disco Singh , Manasa Kumar Panda , Abhay Prakash Mishra , Manisha Nigam , **Sarla Saklani** et.al.“*Cordyceps* spp.: A Review on Its Immune-Stimulatory and Other Biological Potentials”, *Frontiers Pharmacology*, 2021, 11, 1-31. ISSN 1663-9812, Impact Factor 5.988., Scopus Source Record id- 21100214102, SI No. 13371,Publisher Frontiers Media SA, Web of Science, URL- <https://academic-accelerator.com/Impact-of-Journal/Frontiers-in-Pharmacology>
21. Subhash Chandra , **Sarla Saklani** , Hassan Y. Aboul-Enein, “Hydroxychloroquine Sulfate (Plaquenil): A Possible Candidate for Pandemic SARS-CoV-2 or (COVID-19) ?” *Coronaviruses*, 2021, 2, 1-8.The world First International Journal Dedicated to Coronaviruses, Bentham Sciences , ISSN 2666-7969. Impact Factor- 1.3, URL- <https://benthamscience.com/public/journals/coronaviruses>.

Books Published:

1. [Sarla Saklani](#), Lesser Known Crops and Wild Edible Fruits of Uttarakhand: A Potential Source of Nutraceuticals. Prativa Prakashan New Delhi, 2013. ISBN: 978-81-77025275-9
2. [Sarla Saklani](#), Nutraceuticals and Phytopharmaceuticals Prativa Prakashan New Delhi, 2013. ISBN:978-81-77025274-2
3. [Sarla Saklani](#), Herbal Drugs And Traditional Knowledge (Edited), LAP LAMBERT Academic Publishing GmbH & Co. KG Heinrich-Böcking-Str. 6-8, 66121, Saarbrücken, 2012, ISBN 978-3-8484-1764-3.

4. [Sarla Saklani](#), NUTRACEUTICALS WITH MULTIPLE HEALTH EFFECTS. LAP LAMBERT Academic Publishing GmbH & Co. KG Heinrich-Böcking-Str. 6-8, 66121, Saarbrücken, 2012, ISBN: 978-3-659-12604-8
5. [Abhay P. Mishra](#), [Sarla Saklani](#), [Subhash Chandra](#) Medicinal Value of Neem, Tulsi Shisham: A Specific and Combinative and Study, LAP LAMBERT Academic Publishing GmbH & Co. KG Heinrich-Böcking-Str. 6-8, 66121, Saarbrücken, 2012, ISBN: 978-3-659-12604-8
6. [Abhay P. Mishra](#), [Sarla Saklani](#), Herbs Based on Indian and Chinese Traditional Health Care System. LAP LAMBERT Academic Publishing GmbH & Co. KG Heinrich-Böcking-Str. 6-8, 66121, Saarbrücken, 2012, ISBN: 978-3-659-14062-4
7. [Subhasah Chandra](#), [Sarla Saklani](#), [Abhay P. Mishra](#) , Chemical Analysis, Formulation and Evaluation of Synthetic Drugs. LAP LAMBERT Academic Publishing GmbH & Co. KG Heinrich-Böcking-Str. 6-8, 66121, Saarbrücken, 2012, ISBN-10:9783659166634 .
8. [Subhasah Chandra](#), [Sarla Saklani](#), [Abhay P. Mishra](#), Chromatography. LAP LAMBERT Academic Publishing GmbH & Co. KG Heinrich-Böcking-Str. 6-8, 66121, Saarbrücken, 2012, ISBN-13: 978-3659166631.
9. [Subhasah Chandra](#) Kothiyal, [Sarla Saklani](#), Shrivatsa Kothiyal, Sarvesh Kumar, Basic concept in Pharmacology, International Publisher, 2019, ISBN 978-93-89246-86-5 (print), 978-93-89246-87-2 (eBook) DOI 10.9734/bpl/mono/978-93-89246-87-2.
10. Edible Fruits of Uttarakhand Himalaya is in Progress
11. Potential Medicinal Plants of Uttarakhand Himalaya is in Progress

Book Chapters:

1. **Sarla Saklani**, Millets of Uttarakhand Himalaya: Nutritional and Plausible Health Benefits with Special Reference to Chronic Disease Preventive Potential, A Dialogue with Community, IInd Edition, NCERT Publication, Edited by
2. **Sarla Saklani**, Wild Edible Fruits of Uttarakhand Himalaya: SA Potential Source of Nutraceutical, Indigenous Practices in Wild Vegetables and Fruits, A Dialogue with Community, Ist Edition, NCERT Publication, Edited by Sheveta Uppal, pp 94-111. 2024, ISBN978-93-5292-854-5.
3. **Sarla Saklani** , Dinesh Prasad Saklani Manisha Nigam , Chiara Sinisgalli , and Abhay Prakash Mishra , Traditional Healthcare Practices of Herbal

Drugs in Uttarakhand Himalayas, India, Sustainable Uses and Prospects of Medicinal Plants, Edited by Learnmore Kambizi and Callistus Bvenura, CRC Press, First edition published 2023 CRC Press 6000 Broken Sound Parkway NW, Suite 300, Boca Raton, FL 33487-2742, CRC Press is an imprint of Taylor & Francis Group, LLC, Chapter 22, pp 387-412, 2023, ISBN: 9781032071732 (hbk) ISBN: 9781032073811 (pbk) ISBN: 9781003206620 (ebk), DOI- <https://doi.org/10.1201/9781003206620>.

4. **Sarla Saklani** et.al. "Coronavirus Drug Discovery": Antiviral Agents from Natural Products and Nano-technological Applications. In Drug Discovery Update, Volume 2, Chapter 10, Publisher: Elsevier Science, ISBN 9780323955744, E-ISBN 9780323955751, 07 July 2022, DOI: 10.1016/B978-0-323-95574-4.00007-X.
5. **Sarla Saklani et.al.** "Coronavirus Drug Discovery": SARS-CoV-2 (COVID-19) Prevention, Diagnosis, and Treatment Edition: Volume 1, Chapter: 8, Publisher: Elsevier Science, ISBN 978-03-2385-1565, E-ISBN 978-03-2385-1787, 25 May 2022, DOI: 10.1016/B978-0-323-85156-5.00002-X.
6. Sarla Saklani, Nutraceuticals: Future Prospective of the Wild Edible Fruits of Garhwal Himalaya, ACHIEVEMENTS OF RESEARCH & DEVELOPMENT, October 2005 to March 2011, Edited by- RAJENDRA DOBHAI, KIRTI JOSHI, DP UNIYAL, Uttarakhand State Council for Science & Technology, UCOST, 06 Vasant Vihar, Phase-I, Dehra Dun, 2012, pp 81-82.
7. Saklani S. "HERBAL DRUGS AND TRADITIONAL HEALTH CARE SYSTEM" Herbal Drugs And Traditional Knowledge LAP LAMBERT Academic Publishing GmbH & Co. KG Heinrich-Böcking-Str. 6-8, 66121, Saarbrücken, 2012, pp 6-42. ISBN 978-3-8484-1764-3.
8. Saklani S. HERBAL DRUGS: SAFETY, EFFICACY, AND STANDARDIZATION Herbal Drugs And Traditional Knowledge LAP LAMBERT Academic Publishing GmbH & Co. KG Heinrich-Böcking-Str. 6-8, 66121, Saarbrücken, 2012, pp 44-86. ISBN 978-3-8484-1764-3.
9. Saklani S. NUTRITIONAL PROFILE, ANTIMICROBIAL, ANTI-INFLAMMETRY AND ANALGESIC ACTIVITY OF *ALLIUM STRACHEYI* LEAVES Herbal Drugs And Traditional Knowledge LAP

LAMBERT Academic Publishing GmbH & Co. KG Heinrich-Böcking-
Str. 6-8, 66121, Saarbrücken, 2012, pp 224-246. ISBN 978-3-8484-1764-
3.