

SWATI SAVE PH.D.

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STRATEGIC EXPERIENCE SUMMARY

Expertise in Designing Drug Discovery, Organic Synthesis Lab Management, NCD Nutritional Assessment, Business Development, Health Science Policy Analysis, Market Expansion, Overseas Market Experience in Rwanda, Ghana, Uganda, Liberia, Nigeria, Kenya, South Africa, Brasil, & United States.

- Rich experience in lab management, drug discovery, & analytical instrumentation while working at CSIR Laboratories IIIM, Haffkine Institute, & Jaipur National University
- Coordinated with DST, DBT, & Prime Minister's Office of Science Advisor for project development
- Multinational corporate experience with Reliance Foundation, Excel Agro Ltd working on agro- formulations
- Training Organic Chemistry & Biochemistry to PhD, M.Tech, & M.Sc students at CSIR-IIIM
- Taught & provided academic counseling to Pre-Med/health track students at Adelphi University, taught Science Policy students at Georgia Tech
- Represented at United Nations Commission for Status of Women & Sustainable Development

AREA OF CORE COMPETENCIES

• Lab management • Cancer immunology • Organic Synthesis • Drug discovery • Nutrition • Project management • cGMP • Executive Level Customer Relationship Management

PROFESSIONAL EXPERIENCE

Director : Sweet Spot LLP
Duration: [2016 to present]
Mission: Africa Market Access

[Narrative of accomplishment 1]

- **Breakthrough story:** Positively impacted 250 African women's livelihoods in coffee and cocoa sector, by more than 10% month on month (April 2016, September 2017, April 2018, March, & November 2019, June 2021, August 2022)
- **Innovation:** Positively impacted water efficiency & reduced consumption by 21,060 litres of water, by selling 30,000 new formulated soaps worldwide
- **Significance:** the importance of my work comes in light of severe water shortages faced globally & giants like HUL, are focused on reviving water efficiency
- **Patent:** applied for new soap formulation patent
- **Award:** selected by African Union to be one of the 100 women who makes a difference in Africa
- **Publication:** published my book "Water & Energy Nexus in Development of Africa" – a report of my work with UN Habitat, UNDP, & GEF
- **Online awareness:** Nutrition, Cancer prevention, Vaccination, women's health

Senior Advisor : IIIM - CSIR

[Narrative of accomplishment 2]

Duration: [2009 - 2016]

Innovation: Discovery & Isolation of two new life altering molecules

- **Research & Development:** isolated, elucidated, & bioassayed two new novel molecules, that exhibits anti-cancer & immunomodulatory property
- **Drug Discovery:** completed analytical structural elucidation & bioassay study of two new molecules in two & half years in lowest budget
- **cGMP:** Bioassay study on five cancer cell lines conducted with CGMP protocol & guidelines
- **Publication:** published four research papers in six years
- **Award:** research was awarded as the National best annual Dr. P.D. Sethi research award in pharma, herbal, & chemical analysis sector of 2020
- **Patent:** patent awarded for the molecule
- **Teaching:** taught a course on importance of in-depth literature survey on high stake research to PhD scholars & in-house scientists in Haffkine Institute & IIIM CSIR

Editor in Chief: MOSAICQUE Magazine ezine

[Narrative of accomplishment 3]

Duration: [2003 - present]

Assembled 555+ Young World Leaders from 55 countries, single handedly

- Initiated an international digital ezine/magazine within Future Young Leaders Institute, along with nine empowered core advisory board members
- Featured 555+ Young World Leaders from 55 countries, through reports, thought articles, op-eds, essays that provided accurate political insights, & realistic foreign policy advice to governments, international institutes, multinationals, & academic world
- Media: Conceptualized, implemented online presence, visibility - strong brand recognition within readers, government officials, & diplomatic corps
- Featured thematic issues: 1) Water crisis in Africa & Middle East, 2) Climate Change & water security, 3) Drug discoveries in Bangladesh, 4) Awareness about Ebola Virus, 5) Saving of Pir Panchal Glaciers in Jammu & Kashmir Valley, 6) Farming challenges in Tanzania, Kenya, Nigeria, Cameroon and India, 7) Featuring outstanding women scientist that are UNESCO L'Oreal Laureates and Inter Academy Panel laureates, 8) progress of Millennium Development Goals, and 9) CSR reporting in the world, 10) Role of coffee & cocoa cooperatives in empowering women financially.
- Publication: published a book that featured 108 Young World Leaders from 35 countries

Program Director: Georgia Institute of Technology

[Narrative of accomplishment 4]

Duration: [2000 - 2002]

Nurtured Science, and Technology, for Human Development

- **Leadership:** Initiated a new program in Science, Technology, & Innovation in School of Public Policy, Technology Policy Assessment Center
- **Policy Analysis:** Conducted policy review of climate change, energy efficiency & science investment executive orders
- **Teaching:** taught undergraduate students science policy & simulation of macroeconomic policies
- **Events management:** Organized three international conferences in Johannesburg, Bali, & Algiers
- **Science & Innovation:** Organized two international conferences on science & technology in New Delhi & New York
- **Publications:** published five major summit outcomes that reiterated need for sustainability, environmental stewardship & role of innovation
- **Project management:** prepared projects in energy efficiency & climate change

EDUCATION

Education	Institute	Location	Passing Year
M.Sc. Organic Chemistry	University of Mumbai	Mumbai, India	1992
M.S. Science Policy	Georgia Institute of Technology	Atlanta, USA	1999
Ph.D. Cancer Immunology	IIIM-CSIR & Jaipur National University	Jammu & Jaipur, India	2016

CONTACT DETAILS

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Date of Birth: 7th February 1970

U.S. Citizen

LinkedIn profile: <http://www.linkedin.com/in/DrSwatiSave>

REFERENCES

 Dr. Brian Clement, Director, Hippocrates Health Institute, bclement@hippocratesinst.org – Supervisor

 Dr. Sumeet Gairola, Principal Scientist & Associate Prof, Plant Science & Agrotechnology Division, Indian Institute of Integrative Medicine, CSIR; sgairola@iiim.ac.in/sumeetgairola@iiim.res.in – Colleague

Dr. Asha Chaubey, Ph.D. Senior Principal Scientist & Head, Fermentation and Microbial Biotechnology Division, Indian Institute of Integrative Medicine, CSIR; achaubey@iiim.ac.in – Colleague

Bibliography list

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2. *Thevetia peruviana*: A Chemical & Pharmacological Review, S.A. Save et al, Innovations in Pharmaceuticals and Pharmacotherapy (IPP), S.A. Save et al, Vol 3 (3), 100-121, 2015;
3. Isolation and characterization of bioactive compounds extracted from the twigs of *Thevetia Peruviana* (Mexican oleander), S.A. Save et al, International Journal of Research in Engineering and Applied Sciences, (IJERAS), Volume 5, Issue 6, 123-138, June, 2015;
4. Characterization of “COLWELL Biomarker for *Thevetia peruviana* plant”, S. A. Save et al., Journal of Innovations in Pharmaceuticals and Biological Sciences JIPBS, Vol 2 (3), 349- 362, 2015;
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6. Water and Energy Nexus, for development of Africa, book published by Gyan Publishing House, New Delhi, June 2016;
7. Analysis of Current seasonality and its effect on India’s climate: Case Study of Bombay city, Published by NEERI Climate Change Conference Proceedings, April 2011; Mumbai, India
8. Economics of Innovation, Published by ICSU, Johannesburg Summit Conference Proceedings, Paris, September, 2002;
9. My Dreams Are Not For Sale – An Ontological Insight on Leadership, & Living Life Fully, book published by Penguin (Xlibris), November, New York, 2012;
10. Climate Variability and Change, in Northern India and Himalayas and its impact on Ganges River, TERI, New Delhi, 2013;
11. MOSAICQUE – A compilation of articles written by 108 Young World Leaders from 35 countries, Kush Prints, Mumbai, June 2015;
12. Nature Cures: Trusting the Biomolecules, book published by Europe Books, Rome, 2022
13. Value of Perfect Information: Evaluating the Potential for Weather-Indexed Crop Insurance in State of Andhra Pradesh, India;
14. Towards Prosperity: The Need for Resource Mobilization to Achieve the Millennium Development Goals; 2007

