

## Curriculum Vitae

-	DR. S C. SATI			
<b>Designation:</b>	Associate Professor			
<b>Department :</b>	Chemistry			
<b>Campus:</b>	Srinagar			
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<b>Email</b>	<a href="mailto:sati_2009@rediffmail.com">sati_2009@rediffmail.com</a>			
<b>Education Qualification:</b>	M.Sc. D. Phil			
<b>Teaching Experience:</b>	23 Years	<b>25 Years</b>		
<b>Research Interest and Fields of Specialization</b>				
1.Natural Products Chemistry 2.Organic Synthesis 3.Material chemistry and Nanotechnology				
<b>Membership of Scientific Organizations</b>				
1. International Science Congress Association 2.Indian Council of Chemists 3.Indian Chemical Society				
<b>Research Supervision (No. of Ph.D. Degree Awarded/Submitted/Registered)</b>				
Awarded - 08				
Submitted - 01				
Registered - 02				
<b>Administrative Experience</b>				
1.Programme Officer NSS 2. Senior Programme Officer NSS 3. Deputy Controller of Examinations 4. Assistant Proctor				
<b>Scientific Visits Abroad/ International Collaboration.</b>				
1. Dubai and Abudhabi (UAE) International Conference 2. 2-Australlia, International Conference				
<b>Conference/Symposium/Workshop Attended during last five years (2014-2019)</b>				
<b>International</b>				
<b>III International Conference of ICC 2014 at Dubai and Abu Dhabi during 10 – 14 June 2014</b>				

## National

Invited as a resource person for the **development of e-content video lectures on chemistry (under NME-ICT Project) of Educational Multimedia Research Centre (EMRC), IIT ,Roorkee, under the flagship of Consortium for Educational Communication(CEC) New Delhi, and UGC model curriculum in the subject area of Chemistry during 29th-30th May, 2014.**

**IV International Science Congress (ISC 2014 )** held at Pacific University, Udaipur Rajasthan India During 8-9 December 2014.

**XXXIII Annual Conference of Indian Council of Chemists (ICC - 2014)** held at Department of Applied Chemistry, Indian School of Mines (ISM) Dhanbad , Jharkhand India During 15-17 December 2014.

**Symposium on Phytochemistry and Ayurveda: Potential and Percept's**, of UJPAH, held at Tasmia Academy 1- Inder Road, Dehradun, Jun 2015.

**Symposium on Phytochemistry and Ayurveda: Potential and Percept's**, of UJPAH, held at Tasmia Academy 1- Inder Road, Dehradun, 19 December 2015.

**6<sup>th</sup> International Science Congress ( ISC – 2016)** on dated 8-9 December 2016 at **Hutatma Rajguru Mahavidyalaya, Rajgurunagar Pune , Maharashtra India.**

Chaired the Session of Chemical Sciences as Sectional secretary in **IV International Science Congress (ISC - 2014 )** at Pacific University Udaipur ,Rajasthan India, during 8-9 December 2014.

Chaired the Session of Chemical Sciences as Sectional President in **6<sup>th</sup> International Science Congress (ISC – 2016)** on dated 8-9 December 2016 at **Hutatma Rajguru Mahavidyalaya, Rajgurunagar Pune , Maharashtra India.**

Chaired the Session of poster presentation in national seminar **Recent Frontiers of Chemistry** organized by Department of Chemistry HNBGU Srinagar during 27-28 April 2018.

Chaired the Session of poster presentation in national seminar **Recent Advances in Chemical and Nano Sciences** organized by Department of Chemistry Pauri campus during 29-30 October 2018.

Chaired the Session of Chemical Sciences as Sectional President in **8<sup>th</sup> International Science Congress ( ISC – 2018)** on dated 8-9 December 2018 at MM Deemed University Mullana Haryana.

### Invited Talk/ Lectures Delivered:

Delivered invited talk on the topic 'A Study of the effects of Silver and ZnO Nanoparticles in Biological System in **8<sup>th</sup> International Science Congress ( ISC – 2018)** on dated 8-9 December 2018 at MM Deemed University Mullana Haryana.

One invited lecture in DST inspire camps of HNB Garhwal University December 2016

Participated as a Member of Coordination Committee in 10<sup>th</sup> Uttarakhand State Science and Technology Congress 2016-16 during 10-12 February 2016.

Delivered three invited lectures on types of organic reactions and their mechanism in DST inspire camps of HNB Garhwal University, February to arch 2017.

Delivered one invited talk on types of organic reactions and their mechanism in DST inspire camp of HNB Garhwal University, 26 January 2019.

**Conference/Symposium/Workshop Organized during last five years (2014-2019)**

Organizing Secretary,

Recent Advancement in Natural Products Chemistry and Nanotechnology (RANPCN - 2019)

9-10 September 2019

Department of Chemistry Chauras Campus HNB Garhwal University.Srinagar

**Publications during last five years (2014-2019)**

- A. Kumar, Satish C. Sati, Manisha D. Sati, Sudhir Kumar, Rajendra Singh, Nidhi S. and A. Kumar (2014), In- Vitro Anti microbial and Anti oxident Screening of Medicinally used *Sarcococca saligna* against Human Pathogens, *Journal of applicable Chemistry*,3(6),2318-2324.
- S.C. Sati and M. D. Sati,(2014), Determination of biological activities of *Reinwardtia indica*, *Euonymus tingens* and *Sapindus mukurossi* species, *U. Journal of Phytochemistry and Ayurvedic Heights*, Vol.-II, No.17, 19-24.
- S.C. Sati and M. D. Sati(2014), Green Synthesis and Characterization of Zinc Oxide (ZnO) and Silver nanoparticles (NP) and Determination of their Antibacterial Assay, *Journal of Phytochemistry and Ayurvedic Heights*, Vol.-1, No.16, 20-23.
- S.C. Sati and M. D. Sati (2015) Chemical Constituents from bark of *Euonymus tingen*(Celastraceae), *Journal of Phytochemistry and Ayurvedic Heights*, Vol.-1, No.18, 11-14.
- Kumar, Satish C. Sati, Manisha D. Sati, Sudhir, Darshan Singh, U. Bhatt and G. Kaur (2015),Chemical and Potential Biological Perspectives of Genus *Sarcococca* (Buxaceae), *The Natural Products Journal*, 5,28-49.
- S.C. Sati and M. D. Sati (2015) Chemical Constituents of *Urtica ardens* Leaves  
*Journal of Phytochemistry and Ayurvedic Heights*, Vol.-1, No.18, 11-14.
- U. P. Bhatt, S. C. Sati, Sudhir Kumar, Darshan Singh And R P Bahuguna, (2015) , *Evaluation of In vivo and In Vitro anti – Diabetic Activity of Roylea sinerea*, *International Journal of Pharmaceutical Sciences Review and Research* ,32(2),210-213.

- Ashok Kumar, Satish Chandra Sati, Manisha Dobhal Sati, Sudhir Kumar, Darshan Singh, Upendra Bhatt and Gurpreet Kaur, Chemical and Potential Biological Perspectives of Genus *Sarcococca* (Buxaceae), *The Natural Product Journal*, (2015). 5, 28-49.
- S.C. Sati and M. D. Sati and S. Sexena (2016), Preliminary Screening and Phytochemical Investigation of different solvent extracts of *Citrus aurantium* Peel, Fruit and Seeds, *Journal of Phytochemistry and Ayurvedic Heights*, Vol. -1 ,No. -1 ,20-23.
- Sati S.C. and Sati Maneesha D. (2016) Chemical Constituents of *Urtica ardens* Leaves *Asian Resonance*, Vol. -1, Issue – 1, 34-38. (impact factor, 0.876, ISSN)0976-8802(P),2349-9443(E)
- S.C. Sati, Maneesha D. Sati and S. Sexena (2016), Preliminary Screening and Phytochemical Investigation of different solvent extracts of *Citrus aurantium* Peel, Fruit and Seeds, *Journal of Phytochemistry and Ayurvedic Heights*, Vol. -1 ,No. -1 ,20-23. (ISSN – 0973-3507)
- Darshan Singh, Satish C.Sati and Manisha D.Sati In-vitro Antioxidant of Garhwal Himalaya Medicinal Plant *Pholidota articulata*, *World Journal of Pharmaceutical Sciences*, 2016, 4(9), 192-193
- Darshan Singh, Satish C.Sati and Manisha D.Sati In- vitro Antibacterial and Antifungal activity of *Pholidota articulata*, *World Journal of Pharmaceutical Research*, 2016, 2(10), 1068-1072.
- Darshan Singh, S. C Sati and Maneesha D sati Evaluation of free radical scavenging activity of methanolic extract of *Pholidota articulata*, *The Pharma Innovation*, 2016, 5(9), 06-07.
- Darshan Singh, Satish C.Sati and Manisha D.Sati In vitro antimicrobial activity of Himalayan medicinal plant *Pholidota articulata*, *International Journal of Herbal Medicine*, 2016, 4(6), 01-03.
- Darshan Singh, Satish C.Sati, Manisha D.Sati, Evaluation of anti-inflammatory activity of *Pholidota articulate* extract *European Journal of Pharmaceutical and Medical Research*, 2016,3(11),362-364.
- Darshan Singh, Satish C.Sati , Subhash Chandra, Manisha D.Sati, Sudhir Kumar, Ashok Kumar, Rajendra Singh and Upendra P. Bhatt, Evaluation of Garhwal Himalaya Medicinal Plant *Eria alba*, *International Journal of Pharmaceutical Science Review and Research*, 2016, 36(1), 173-175.
- U. P. Bhat, S.C. Sati, Subhash Chandra, Rajendra Singh, Darshan Singh, Naresh Kumar, Ashok Kumar, R. P Bahuguna, Evaluation of *In Vivo* and

*In Vitro* Anti-diabetic Activity of *Roylea cinerea*, Journal of Pharmaceutical Science Review and Research, 2015, 32(2), 210-213.

- Darshan Singh, Satish C. Sati, Manisha D. Sati, Subhash Chandra, Upendra P. Bhatt. Antioxidant activity of *Eria alba* extract, World Journal of Pharmaceutical Sciences, 2016, 4(5), 212-214.
- Darshan Singh, Satish C.Sati, Manisha D. Sati, In-vitro Antioxidant Activity of Garhwal Himalaya Medicinal Plant *Pholidota articulata*, World Journal of Pharmaceutical Sciences, 2016, 4(9), 234-236.
- Darshan Singh, Satish C.Sati and Manisha D.Sati In- vitro Antibacterial and Antifungal activity of *Senecio chrysanthemoides*, World Journal of Pharmaceutical Research, 2017, 6(5); DOI:10.20959/wjpr20175-8351.
- Darshan Singh, Satish C.Sati and Manisha D.Sati In vitro antimicrobial screening of medicinally used *Eria alba*, European Journal of Pharmaceutical and Medical Research, 2017, 4(4),681-683.
- Darshan Singh, Satish C.Sati and Manisha D.Sati, In vitro-antimicrobial activity of Himalayan medicinal plant *Senecio chrysanthemoides*, European Journal of Pharmaceutical and Medical Research 2017,4(5),587-590.
- Darshan Singh, Satish C.Sati, Manisha D. Sati, Phytochemical and Pharmacological research on plants from the genus *Pholidota* (Orchidaceae), European Journal of Pharmaceutical and Medical Research, 2017,4(11), 191-199
- Darshan Singh, Satish C.Sati, Manisha D. Sati, Chemical and Potential Biological Perspectives of genus *Senecio* (Asteraceae), European Journal of Pharmaceutical and Medical Research, European Journal of Pharmaceutical and Medical Research, 2017,4(11), 200-222
- Darshan Singh, Satish C.Sati, Manisha D. Sati, Total Phenolics, Flavonoids and Antioxidant evaluation leaves *Eria alba*, European Journal of Pharmaceutical and Medical Research, 2017,4(11), 350-353
- Darshan Singh, Satish C.Sati, Manisha D. Sati, Antimicrobial Activity Nutritional Profile and Quantitative study of different fractions of *Senecio chrysanthemoides*, European Journal of Pharmaceutical and Medical Research, 2017,4(11), 354-357
- Darshan Singh, Satish C.Sati, Manisha D. Sati, Phytochemical screening and evaluation of antibacterial activity of alkaloids extract of *Senecio chrysanthemoides*, European Journal of Pharmaceutical and Medical Research, 2017,4(11), 358-362

- Darshan Singh, Satish C.Sati, Manisha D. Sati, In vitro Antimicrobial activity of *Senecio chrysanthemoides*, European Journal of Biomedical and Pharmaceutical science, 2017, Volume 4, Issue 11, 332-334.
- Gurpreet Kour, S. C. Sati, Manisha Sati. Rapid green synthesis of silver nanoparticles using leaf extract of *Ficus auriculata*: Characterization and Antimicrobial studies, International Journal of Pharma and Biosciences.2017, 8(2), 276-282, ISSN -0975 -6299.
- Darshan Singh, Satish C.Sati, Manisha D. Sati, In-vitro antibacterial and antifungal activity screening medicinally used *Eria alba*, European Journal of Biomedical and Pharmaceutical science, 2017, Volume 4, Issue 11, 335-337
- Darshan Singh, Satish C.Sati, Manisha D. Sati, In vitro antimicrobial and antioxidant activity of *eria alba* against human pathogens, European Journal of Biomedical and Pharmaceutical science, 2017, Volume 4, Issue 11, 338-341.
- U. P. Bhatt, S. C. Sati, R. P. Bahuguna, R. B. Semwal and D. K. Semwal Two antidiabetic constituents from *Roylea cinerea*(D.Don) Baill Natural Products Research 32(11), 2018.(I F 1.9)
- Gurpreet Kaur, S. C. Sati, M. Amin Mir, Prashast Kumar Tripathi, Synthesis of Silver nanoparticles using leaves extract: *Ficus palmata* Characterization and evaluation for its Antimicrobial and Antioxidant activities. Asian Journal of Pharmacy and Pharmacology 2018; 4(2),192-198.
- S.C. Sati, Maneesha D. Sati and Gurpreet Kaur, Determination of Anti Oxidant Activity of *Ficus auriculata* Leaves, *U Journal of Phytochemistry and Ayurvedic Heights*, Vol.2 ,No.25 ,11-15, 2018.
- S.C. Sati, P K Tripathi and Manisha D Sati, Green Synthesis of Silver Nanoparticle from Leaves of *Artemisia roxburghiana*, Journal of Applicable Chemistry 2018, 7 (4): 835-842 ,ISSN: 2278-1862.
- P K Tripathi and S.C. Sati, Green synthesis of Ag/Cu Bimetallic nanoparticles and determination of its antimicrobial and antioxidant activities, *JETIR*, 2019, 627-633, Vol – 6.

## Books

**Integrated Chemistry I,978-93-86633-72-9**, Pragati Prakashan Meerut,2017

**Integrated Chemistry II**, (Chemical energetics , equilibria and functional organic chemistry),ISBN No. 978-93-86-306-45-6, Pragati Prakashan Meerut,2017

**Integrated Chemistry III,978-93-87151-28-4**, Pragati Prakashan Meeru,2017

**Integrated Chemistry IV**, (Chemistry of s- and p- block elements, states of matter and

chemical kinetics), ISBN No. 978-93-86306-46-3, Pragati Prakashan Meerut, 2017

**Polymer Chemistry. 978-93-87151-18-5**, Pragati Prakashan Meerut, 2017

**Total Number of Research Publications: 88**