

DR. SUBHASH CHANDRA (Ph. D, M. Sc)

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RG Score- 10.19

Objective

Aspiring for enriching professional skill through continuous learning & achieving challenging position where I can effectively contribute my skills & experience for my personal & the growth of an organization.

Areas of Interest:

Research and Development, Discovery and development of new Medicines, Molecular Modeling, Concepts of Diabetes, Inflammation and aging in Ayurveda, Herbal Formulation, Natural Products synthesis, QSAR, Drug Delivery, Drug Regulatory Affairs.

Education

Ph. D	Department of Pharmacy (Pharmaceutical Chemistry), Uttarakhand Technical University, Dehradun, Uttarakhand, India. Topic entitled “Evaluation of Nutritional Profile and Medicinal Value of some important Nutraceuticals of Garhwal Himalaya” (Sep. 2010-April 2016)
M. Sc.	Department of Pharmaceutical Chemistry, HNB Garhwal (A Central University) Srinagar Garhwal, Uttarakhand, India. Thesis entitled “In Vitro Antimicrobial activity of different fraction of Myrica nagi” (Jul 2007-Jun 2009)
B. Sc.	Department of Sciences, (Chemistry, Zoology & Botany) HNB Garhwal (A Central University) Srinagar Garhwal, Uttarakhand, India. (Jul 2004-Jun 2007)

Awards and Achievements

- ✚ Selection for IV International Conference on Antimicrobial Research - ICAR2016, (Torremolinos-Malaga (Spain), 29 June - 1 July 2016)
- ✚ Young Scientist award for Best Oral Presentation in 10th Uttarakhand State Science & Technology Congress, (UCOST) Dehradun, 10-12 February 2016.
- ✚ Best Poster Presentation in National Conference, Indian Drug and Pharmaceutical Limited, Rishikesh, Dehradun, 05-06 December 2015.
- ✚ Selection for International Delegates in 3rd Pharma-Nutrition conference, Philadelphia, USA, 13-15 April 2015.
- ✚ Young Scientist award for Best Oral Presentation in National Conference, DBGIT, Dehradun, 2012.
- ✚ In earlier selection for Assistant Professor (Contract Basis) in HNBSGU Srinagar Garhwal, Uttarakhand, 2011 to till date.

Teaching & Industrial Experience

- ✚ Taught Post-graduate classes in Pharmaceutical Chemistry, Departments in HNB Garhwal University, Srinagar during 2010-2019.
- ✚ One year Pharmaceutical Industry working experience in Shivalik Rasayan Ltd. Dehradun, India, 2009-2010.
- ✚ One month Microbiological training experience in Sai Institute of Paramedical and Allied Sciences, Dehradun India, 2011.

Research Experience

- ✚ UCOST/JRF Fellow (2010-2012) in the Department of Pharmaceutical Chemistry, HNB Garhwal (A Central University) Srinagar Garhwal, Uttarakhand, India Supervisor: Prof. Sarla Saklani.
- ✚ Designing and planning (2010-2019) of M. Sc. Pharma. Chemistry, final year students Research Projects in HNB Garhwal (A Central University) Srinagar Garhwal, Uttarakhand, India.
- ✚ Designing and planning (2010-2019) of laboratory reaction as per route of synthesis and purification by recrystallization, column chromatography and preparative TLC techniques.
- ✚ Structure elucidation of natural compounds (2010-2019) by exhaustive spectral analysis by FT-IR, NMR (1H & ^{13}C -NMR) & Mass spectrometry (FAB-MS) techniques.
- ✚ Antimicrobial, Anti-inflammatory and Pharmacological evaluation (2010-2019) of newly synthesized compounds (*In-vivo* & *In-vitro* technique).
- ✚ Scientific writing for Books, Research papers and Review papers 2011-2019.

Books

- ✚ **Subhash Chandra**, Sarla Saklani, Tool & Technique of Chromatography, Lambert Academic Publishing, ISBN, 978-3-659-24024-9, 2012.
- ✚ **Subhash Chandra**, Sarla Saklani, Chemical Analysis, Formulation & Evaluation of Synthetic Drugs, Lambert Academic Publishing, ISBN, 978-3-659-16663-1, 2012.
- ✚ Abhay P. Mishra, Sarla Saklani, **Subhash Chandra**, Medicinal value of Neem, Tulsi & Shisham: A Specific & combinative study, Lambert Academic Publishing, ISBN, 978-3-659-15324-2, 2012.

Membership

- ✚ Scientific Planet Society (SPS) – Membership No- SPS/LM/CS/163.
- ✚ Society of Ethnopharmacology (SFE) – Membership No- SFE/14/I-334.

Knowledge of Computer

- ✚ One year Diploma in Information Processing with System & Database Management from SKYNET Computer Education Srinagar Garhwal in 2016.
- ✚ Working knowledge MS Office (Word, Excel, Power point), Internet and Chemistry software like ACD/chemsketch 12.0, Chemdraw 11.0, ISIS draw, etc.
- ✚ Scientific data retrieval from various Internet portals like SciFinder, Delphion, Molinspiration, PASS online Software, OSIRIS Property Toolkit, Science direct, PubMed, Pubacs.org, Chem Spider etc.

Research papers

1. **Subhash Chandra**, Sarla Saklani, Estimation of Nutritional and Mineral Contents of *Eleusine coracana* and *Echinochloa frumentacea* – Two Edible Wild Crops of India, Current Nutrition & Food Science, Vol- 14: 1-4, 2018.
2. **Subhash Chandra**, Sarla Saklani, Isolation and Identification of *Ficus Palmata* Leaves and Their Antimicrobial Activities, Journal of Scientific Research, Vol- 9 (2): 193-200, 2017.
3. **Subhash Chandra**, Sarla Saklani, Evaluation of the Anti-Inflammatory Activity of the Methanolic Extract of the Fruits of *Ficus palmata*, British Journal of Pharmaceutical Research, Vol-12 (4): 1-5, 2016.
4. Abhay Prakash Mishra, Sarla Saklani, **Subhash Chandra**, Total Phenolics, Flavonoids and Antioxidant Evaluation in the Leaves of *Argyreia nervosa* Burm, International journal of Pharmaceutical Sciences Review and Research, 32(2), Pages: 34-37, 2015.
5. U. P. Bhatt, S.C. Sati, **Subhash Chandra**, Evaluation of *In Vivo* and *In Vitro* Anti-diabetic Activity of *Roylea cinerea*, International journal of Pharmaceutical Sciences Review and Research, 32(2), Pages: 210-213, 2015.
6. **Subhash Chandra**, Sarla Saklani, Abhay P. Mishra, Parbeen Singh, Evaluation of Garhwal Himalaya medicinal plant *Grewia oppositifolia* fruit, Asian Journal of Science and Technology, Vol. 4, Issue 12, 063-066, 2013.
7. Sarla Saklani, **Subhash Chandra**, “Nutritional profile, Antinutritional profile and Phytochemical screening of Garhwal Himalaya medicinal plant *Dioscorea alata* tuber, International Journal of Pharmaceutical Sciences Review and Research, Vol-23 (2), P. No.42-46, Deceber-2013.
8. Sarla Saklani, Amit Badhani, Abhay Prakash Mishra, **Subhash Chandra**, Health Promoting Phytochemicals Their Concentration and Antioxidant Activity of Wild Edible Fruits of Uttarakhand, India, Asian Journal of Chemistry; Vol. 24, No. 12, 5558-5560, 2012.
9. Sarla Saklani, **Subhash Chandra**, P. P. Badoni, Sandhya Dogra, Antimicrobial activity, Nutritional profile and phytochemical screening of wild edible fruit of *Rubus ellipticus*, International Journal of Med. Arom. Plants, 2 (2), 269-274, 2012.
10. Sarla Saklani, **Subhash Chandra**, Abhay P. Mishra, P. P. Badoni, “Nutritional Evaluation, Antimicrobial activity and Phytochemical Screening of Wild edible fruit of *Myrica nagi* pulp” International Journal of Pharmacy & Pharmaceutical Sciences, 4 (3), 407-411, 2012.
11. Sarla Saklani, **Subhash Chandra**, “Phytochemical Screening of Garhwal Himalaya wild edible fruit *Ficus palmata*”, International Journal of Pharma-Tech Research, 4 (3), 1185-1191, 2012.
12. Sarla Saklani, **Subhash Chandra**, “Antimicrobial activity nutritional profile and quantitative study of different fractions of *Ficus palmata*”, International Research Journal of Plant Science, 2(11), 332-337, 2011.
13. Sarla Saklani, Abhay Prakash Mishra, Apeksha Rawat, **Subhash Chandra**, Free Radical Scavenging (DPPH) and Ferric Reducing Ability (FRAP) of *Aphanamixis polystachya* (Wall) Parker, International Journal of Drug Development & Research, Vol. 3, Issue 4, 156-164, 2011.
14. Sarla Saklani, **Subhash Chandra**, Ashok Kumar Gautam “Phytochemical Investigation and contribution of *Perilla frutescence* as Spices in traditional Health care system” International Journal of Pharmacy and Technology. 3 (4), 3543-3554, 2011.

Review papers

- ✚ Abhay P. Mishra, Sarla Saklani, **Subhash Chandra**, *Aphanamixis polystachya* (Wall) Parker, Phytochemistry, Pharmacological properties & medicinal uses: An Overview, World journal of Pharmacy and Pharmaceutical Sciences, vol. 3, (6), 2242-2252, 2014,
- ✚ Sarla Saklani, **Subhash Chandra**, “*Berberis asiatica*: Potential fruits as Nutraceuticals”. International Journal of Pharmacy and Technology, 3 (4), 1586-1604, 2011.

Oral & Poster presentation

- ✚ 13th Uttarakhand State Science & Technology Congress, Vigyan Dham Dehradun, 26-28 February 2019.
- ✚ National conference on recent frontiers in Chemistry (NCRFC-2018), Department of Chemistry, HNBGU Srinagar Garhwal, 27-28 April 2018.
- ✚ 12th Uttarakhand State Science & Technology Congress, Vigyan Dham Dehradun, 07-09 March 2018.
- ✚ National conference on Recent Advances in Ayurvedic Medicine - From Source to Manufacturing, CSIR-Indian Institute of Petroleum, Dehradun, 15-16 September 2017.
- ✚ 11th Uttarakhand State Science & Technology Congress, Vigyan Dham Dehradun, 2-4 March 2017.
- ✚ IVth International Congress of the Society for Ethnopharmacology India “Health care in 21st Century Perspective of Ethnopharmacology & medicinal plant research, Surat Gujrat, 23-25 February 2017.
- ✚ International conference on Research Advancements in Pharmaceutical and Chemical Sciences, Modinagar NCR Delhi, 24-25 December 2016.
- ✚ 10th Uttarakhand State Science & Technology Congress, Vigyan Dham Dehradun, 10-12 February 2016.
- ✚ National Symposium on Perspectives on Research in Science and Health Care, Sardar Bhagwan Singh Post Graduate Institute of Biomedical Sciences & Research Balawala, Dehradun, 29-30 January 2016.
- ✚ National conference on recent advances in bioscience and drug discovery, Indian Drug and Pharmaceutical Limited, 05-06 December 2015.
- ✚ 9th Uttarakhand State Science & Technology Congress, Vigyan Dham Dehradun, 26-28 February 2015.
- ✚ National seminar on regulatory issues of herbal drugs to promote its commercialization in Chhattisgarh, Chhattisgarh college of pharmacy Anjora Durg (CG), 21-22 November 2014.
- ✚ National conference on recent advances in science, engineering & management, Delhi technical campus Delhi, 29 March 2014.
- ✚ National conference on recent advances in bioscience and drug discovery, Gurukul Kangri Vishwavidyalaya Haridwar, 03-04 March 2014.
- ✚ International conference on Pharmaceutical Science (ICPS-2014), SGRRITS Dehradun 14-15 Feb. 2014.
- ✚ Advance training programme on SPSS (ATP on SPSS), HNBGU Srinagar Garhwal 30-31 Jan. 2014.
- ✚ Ist International Conference on New Horizons in Pharmaceutical and Biomedical Sciences, Sidhartha college of Pharmacy, Dehradun 12-13 Jan. 2013.
- ✚ 7th Uttarakhand State Science & Technology Congress, Graphic Era University Dehradun, 21-23 Nov. 2012.
- ✚ International Conference on Global Trends in Pure & Applied Chemical Science, Inder Residency Udaipur, 3-4 March 2012.
- ✚ Ist National Conference on Recent Advantages in Pharmaceutical Biotechnology with Emphasis on Bio-Diversity Conservation, DBGI Dehradun, 25-26 Feb. 2012.

- ✚ National Conference & Workshops on New Methodologies in Drug Discovery and Research, St. Joseph's college of Pharmacy Kerala, 2, 3-4 Feb. 2012.
- ✚ National Conference on Recent Development in Chemistry and Chemical Education, HNBGU Srinagar Garhwal, 16-17 December 2011.
- ✚ 6th Uttarakhand State Science & Technology Congress, SSJ Campus Kumaun University Almora, 14-16 Nov. 2011.

Workshop & Conference attended:

1. One week National Workshop on Research Methodology, Faculty Development Centre (PMMMNTT), HNBGU Srinagar Garhwal, 10-16 December 2018.
2. National Workshop on Intellectual Property Right, Department of Pharmaceutical Chemistry, HNBGU Srinagar Garhwal, 17 November 2018.
3. National workshop Popularisation of Remote Sensing Based Maps & Geospatial Information, Jointly organised by ISRS & Indian Space Research Organisation, HNBGU Srinagar Garhwal, 11 August 2017.
4. National workshop on applied statistical methods and data analysis with SPSS -22, HNBGU Srinagar Garhwal, 31-1 August. 2014.
5. Workshop on Recent Prospective and Alternatives to Animals on Experimental Pharmacology, Divsthal Vidyapeeth College of Pharmacy Rudrapur, Udham Singh Nagar, 20 April 2013.
6. Workshop on Intellectual Property Right & Patent Awareness, HNBGU Srinagar Garhwal, 28 March 2012.
7. Workshop on Green Chemistry Education: Necessity of a sustained future, HNB Garhwal University Srinagar Garhwal, 22-23 March 2011.

Strengths

- ✚ Capable of working independently as well as part of a team.
- ✚ Have zeal to learn new concepts quickly and apply innovative ideas to achieve best results.
- ✚ Self-motivated and enthusiastic.

Personal Details

Father's Name	Shri Ramesh Chandra
Date of Birth	15 th June 1987
Nationality	Indian
Sex	Male
Languages Known	English, Hindi, (Read, Write & Speak)
Marital Status	Unmarried
Hobbies	Reading, Cricket and Traveling.

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Place: -

Dr. Subhash Chandra