Dr. Ajay Semalty University SWAYAM Coordinator,

Professor (Associate)

Department of Pharmaceutical Sciences,

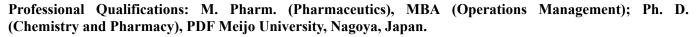
HNB Garhwal University (A Central University) Srinagar Garhwal,

Uttarakhand, semaltyajay@gmail.com, semaltyajay@yahoo.co.in

9412964614, www.swayamhnbgu.in



(Teaching: 22 Yrs; Industrial: 01 Yr)



Achievements:

- ☐ International Award: Awarded Daiko Foundation Post-Doctoral Research Fellowship and invited by Meijo University, Nagoya, Japan as a visiting scientist for Research for FY 2011-12.
- □ National award: Received the prestigious Research Award (A National award given in every two years to the 100 teachers for excellence in research from all over India covering all the subjects) in Pharmacy by UGC, New Delhi for 2016-18.
- ☐ State Award: Young Scientist Award 2007 by Uttarakhand Council of Science & Technology (UCOST).
- □ MOOCs in top 5 (2022 ranking): SWAYAM online courses "Academic Writing" (#3) and "Industrial Pharmacy" (#5) have been ranked in the top 5 courses in the country as per the Survey of Ministry of Education, GoI for July 2021 Cycle (https://www.ugc.ac.in/pdfnews/1033053 Letter-Online-Learning-Courses.pdf).
- MOOCs listed in Class Central's Best Online Courses of All Time (2021 Edn.); My SWAYAM online courses, "Academic Writing" and "Industrial Pharmacy" are figured in Class Central's Best Online Courses of All Time (2021 Edn.). The ranking contains 150 courses from 100+ universities based on 170000 + learner reviews (https://www.classcentral.com/report/top-moocs-2021-edition/; https://www.classcentral.com/collection/top-free-online-courses?page=6)
- ☐ MOOC figured in global top 30 MOOCs in 2020: Academic Writing SWAYAM online course was recognized as the top 30 MOOCs worldwide (as per PIB, 27th April press release; https://pib.gov.in/PressReleasePage.aspx?PRID=1618725).

Associations and Affiliations

- Member- The Asian Council of Science Editors, PCI, APTI. Commonwealth Pharmacists Association, British Society for Antimicrobial Chemotherapy (BSAC)
- Member of National Panel of UGC's resource persons
- Expert reviewer: Iceland Research Foundation Iceland.; Israel Science Foundation (ISF) Israel.; Scientific Expert (REPRISE) for Ministry of Institution and University Research (MIUR), Italy; DST Govt. of India
- Peer reviewer- Elsevier Books US.
- Founder Vice President-Association of Pharmaceutical Teachers of India (APTI) of Uttarakhand State branch for 2008-13.
- Visiting Scientist, Faculty of Pharmacy, Meijo University Nagoya, Japan.
- University SWAYAM Coordinator, SPOC- NPTEL Local Chapter

- Editorial Board Member of various national and International reputed journals.
- Certified Microsoft Innovative Educator Master Trainer
- Master Trainer of UGC for SWAYAM MOOC developers/ CCs
- Peer reviewer for various national and International journals of repute

Invited lectures Delivered: > 500 (OER, Academic writing, Nanoparticle research, Research methodology, Research ethics, Software in research, MOOC, blended/ flipped learning, research proposal writing, academic integrity, plagiarism, pharmaceutical research, industrial pharmacy, Pharm Tech etc.)

Funded Research Projects 14 (More than INR 2.0 Crore)

Completed 11 (01 international: 08 national from DST, AICTE, UGC)

Ongoing 01 (from DAE)

M. Pharm Project Supervised - 30 (and two ongoing)

Ph D supervised - 02 (01 pursuing)

Publications

Papers - 100 (43 International, 57 National)

Scientific Abstracts - 85 (15 International, 70 National)

Chapter in Book - 52 (01 International, 51 National)

Books - 11

Patents - 03 (granted); 01 (filed)

E content development - more than 200 hrs

MOOCs (SWAYAM online courses)- 02 (by UGC and CEC) > 50 hrs of video lectures

E -Modules for ARPIT Course - 04 (2 hrs)

SWAYAMPRABHA e-modules - 30 hrs (50 lectures; two courses)

Online Courses (other than SWAYAM)- 24 Courses

(https://pharmastate.academy/profile/ajaysemalty/; Fundamental of ICT Tools for

School Teachers; Fundamental of ICT Tools for School Teachers 2.0 developed for

SCERT, Uttarakhand)

Total citations - >3000

H index - 28

(https://scholar.google.co.in/citations?user=rsv5X4UAAAAJ&hl=en)

I10 Index - 41

Total Impact - > 150

Scopus id: 23976816400

ORCID 0000-0002-2512-8516

MOOCs (SWAYAM online course)— More than 100 hr; 02 (Academic Writing & Industrial Pharmacy I) [PIONEER IN UNIVERSITY & Pharmacy profession] with more than 96000 learners from 100 countries.

One of the most cited researchers with h index 28; i10 index 41 (citations >3000); total impact >150

Focus Area of Research

Formulation and Development, Herbal drug delivery, Herbal drug delivery (for obesity, hair growth promotion etc.) Phospholipid/ Cyclodextrin based drug delivery systems, Mucoadhesive drug delivery, Novel and controlled drug delivery, Solubility improvement, nanoparticles, solid-state characterization, SANS, ADXRD, SEM etc.

Compiled links: https://tiny.cc/linksbysemalty

(Dr Ajay Semalty)