

Science for Women: A Technology and Innovation Portal



Yadav, Gitanjali¹, Ranjan Aashish¹, Sharma Dhananjay¹, Venkatasubramanian Rishi¹, Chakraborty, Subhra¹,

*¹National Institute of Plant Genome Research, Aruna Asaf Ali Marg,
New Delhi, India.*

Introduction

Recognising Women in Science to mark the 75th year of Indian Independence

75 Azadi Ka Amrit Mahotsav **SWATI** Home About SWATI WIS Pioneers WIS Faculty WIS PostDocs WIS Students Type for Search Search

Current Role *

- Scientist/Teacher
- Post Doctoral Researcher
- Staff or Administrator
- Ph.D. Student
- Intern
- Entrepreneur
- Science Communicator
- Student
- Other: _____

75 Azadi Ka Amrit Mahotsav

स्वाति

SWATI SCIENCE FOR WOMEN & TECHNOLOGY AND INNOVATION PORTAL INAUGURATED BY DR. RENU SWARUP SECRETARY, DEPARTMENT OF BIOTECHNOLOGY SECRETARIAL DEPARTMENT OF SCIENCE & TECHNOLOGY CHALLENGE TO EXCELLENCE IN INDIAN SCIENCE

- ❖ Envisaged as an online repository and gateway to view expertise and contributions of Women and Girls in Indian Science.
- ❖ Developed by and housed at National Institute of Plant Genome Research (NIPGR), New Delhi.
- ❖ Launched in October 2021 by Secretary, Department of Biotechnology (DBT), Govt. of India.
- ❖ Over 2000 WiS incorporated into the portal on the day of launch.
- ❖ Expansion and Co-ordination by NIPGR HRD cell in collaboration with Inter-academy Panel, including three Science Academies of India: INSA New Delhi ; IASc Bangalore; and NASI Allahabad.

Inclusion

Aiming to Include Every Girl and Woman in Science in India



KAVITHA UK

PhD Student, RGCB, Kerala

- ❖ Education: Biology
- ❖ Expertise: Biology
- ❖ Working on Cancer Biology
- ❖ INSPIRE Scholarship - 2015 - INSPIRE SHE

- ❖ Collation of first hand information from Indian women teachers, scientists, science communicators, entrepreneurs, post-doctoral researchers and students.
- ❖ Inclusion of WiS across time, career stages, subjects.
- ❖ Spanning both Academia and Industry.
- ❖ Enabling reliable and statistically significant long-term research on the issues of Equality, Diversity and Inclusivity in Indian STEM.
- ❖ SWATI may represent a nation-wide interactive and searchable repository, the first of its kind in India.
- ❖ In future, it is envisioned to link SWATI with similar efforts across nations.



G. PADMAVATHI

Scientist, IIRR, Hyderabad

- ❖ Education: Agriculture
- ❖ Expertise: Genetics & Plant Breeding
- ❖ Currently working on molecular mapping and marker assisted breeding of biotic and abiotic stress tolerance in rice
- ❖ Crop Research Award 2004

Data Collection

Collating first hand information from Indian Women & Girls in STEM

INDIA WiS "SWATI" Template

Please provide information for yourself in this form. This information will enable accuracy of data for the Indian National Compendium for Women in Science under the SWATI ("Science for Women: A Technology and Innovation") program.

Who Can Fill This Form:

All women scientists, post doctoral researchers, project fellows and students, who are studying or working in India (or have done so in the past).

Current Role *

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- Other: _____

- ❖ Portal is open to all Indian women in STEM and related areas.
- ❖ Automated Data incorporation and updation by WiS themselves / Inclusion of Expert Advice by Inter-Academy Panel.
- ❖ To ensure accuracy, a simple Google Form is to be filled by each WiS and can be completed in a few minutes: Simple Text Input and One Image upload.
- ❖ Portal enables Browsing and Searching by Name, Affiliation, Subject.
- ❖ External Links to National / International Fora for WiS enabled.
- ❖ Inclusion of Social Media handles and Updation or Addition of Information *via* Indian Organisation.

Statistics

Scale up and Outreach



SWATI

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[WiS Pioneers](#)

[WiS Faculty](#)

[WiS PostDocs](#)

[WiS Students](#)

SECTIONS INCLUDE:

- ❖ **Icons - Awardees of National and International Recognition; Directors, Vice Chancellors, Secretaries, Academy Presidents.**
- ❖ **Faculty - Indian Universities, Colleges, Autonomous organisations.**
- ❖ **Researchers - Postdocs, JRFs, SRFs, Technical Staff.**
- ❖ **Students - PhD Scholars, Research Interns, Graduates, Post graduates, Undergraduates.**
- ❖ **Entrepreneurs - StartUps and WiS in R&D Industry.**
- ❖ **Business Women - WiS Heads of Corporate Organisations.**
- ❖ **Science Administrators - Directors of Academic and Research Organisations, Heads of Departments.**
- ❖ **Science Communicators - Program Managers, Outreach experts, PR Officers, Science Journalists and Writers.**

Acknowledgements

- ❖ **Inter-Academy Panel, India**
- ❖ **Department of Biotechnology, Govt. of India**

THANK YOU