



**Seminar On**  
**“WiS : A Career In Science”**  
**08 March 2015**

**Venue : Karnataka State Women’s University, Jnana Shakti Campus, Torvi, Vijayapur - 586101**

### Background

Women in Science comprise only a small percentage of the total number of working women in India. Although there is no explicit discrimination against women in enrollment at the college or faculty levels, attitudinal biases and absence of supportive institutional/social structure have, over the year, operated as powerful forces against talented women realising their full potential in the pursuit of productive and rewarding careers in science. It does not appear that there is societal perception in India of women being incapable of intellectual attainment in science since women students are not in short supply at undergraduate and post-graduate levels in science. Many of these university students do brilliantly and are gold medalists. Many of them also enter Ph.D programs. However their number drops in faculty positions, in selection committees, and so on. The under-representation of women in science, particularly at the senior level of teaching and research in India, has become a serious cause of concern for women scientists and science policy planners.

There is an overwhelming body of empirical and qualitative evidence for this 'leaky' pipeline in science, as well as presence of gender inequality in the practice of science. There is a need to make women aware of a career in science as a possible career option and then to retain them in their profession. It is becoming increasingly evident that if we want more to be successful in science we need to create, at all levels, supports structure for and positive attitudes about a science career for women. The pressure for change has come from within the scientific community, not just from women but from all those who believe that the practice of science cannot be built on a foundation of quality.

### Objective

The aims of the seminar are as follows :

1. To have presentations by leading women scientists about latest developments in their area of activity, to showcase the work done by women scientists, to an audience of both gender.
  2. To inspire and motivate young women to take up career in science.
  3. To create an awareness on various career options available to young women scientists.
  4. To explore avenues for entrepreneur development for women through Science. This is part of the role model program of the WiS Panel of the Indian Academy of Science. (<http://www.ias.ac.in/womeninscience/>).
- By holding the seminar at Karnataka State Women’s University, Vijayapur we hope to target graduate and Ph.D students, research scholars, teachers and scientists in and around Vijayapur and inspire more young women to take up career in science.

### Programms

8.00 a.m. - 9.00 a.m.	Registration
9.00 a.m. - 9.30 a.m.	INAUGURATION
9.30 a.m. - 10.00 a.m.	Tea Break
	Speakers with Title
10:00 am—10:45 am	Dr. Lalitha Guruprasad, University of Hyderabad "Making the Most from a Protein Sequence"
10:45 am —11:15 am	Dr. P. Ramadevi, IIT Bombay "Fun with Knots"
11:15 am—12:00	Dr. Annapurni Subramaniam, IIA Bangalore "Chemistry, Biology and Physics of Stars and Galaxies"
12:00—01:30 pm	Lunch
01:30 pm—02:15 pm	Dr. Anisa Chorwadwala, IISER Pune "Shape Optimization Problems via the Problem of Queen Dido"
02:15 pm—03:00 pm	Dr. Suhita Nādkarni, IISER Pune "Eavesdropping on Chitter Chatter at a Synapse using Computational Simulations"
03:00 pm—04:00 pm	Panel Discussion
04:00 pm—04:10 pm	Vote of thanks
04:10 pm—04:40 pm	Tea Break

### Registration :

There is no registration fee, However participants are requested to fill up the attached Registration with the relevant information.

### Address for Communication

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### Patron

**Prof. Meena R. Chandawarkar**

Vice Chancellor

Karnataka State Women’s University,  
Vijayapur

### Advisor

**Prof. Rohini Godbole,**

Chair Women in Science (WiS),  
Panel of the Indian Academy of Sciences

### Convener

**Prof. Riddhi Shah,**

School of Physical Sciences,  
Jawaharlal Nehru University, New Delhi

### Registrar

**Prof. S.A. Kazi**

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### Co-ordinator

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Organised By

Panel On "Women In Science"(WiS) Indian Academy of Science, Bangalore