

MATHEMATICS, WOMEN & PAKISTAN

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The World Map



Map of PAKISTAN



Provinces of Pakistan

PAKISTAN is divided into five provinces:

- 1: Punjab
- 2: Sind
- 3: Khyber Pukhtun-khwah (NWFP)
- 4: Baluchistan
- 5: Baltistan

•The total polution of Pakistan=

187 millions;

% age of Women = 58 %

% age of Men = 42%



Female Ph.Ds in Mathematics

- The number of female Ph.Ds in Maths is very few in each province in Pakistan in general.
- Even in my own department (from where I did my graduation) there is no female teacher or doctor.
- The Majority of women working in Maths departments are lecturers/ assistant professors.
- Very few are professors.

Areas lacking women Ph.Ds

- These three provinces have only 2/3 PhD women mathematicians for the whole region.



Problems, women faced in building their careers in Mathematics.

- Lack of departments providing PhDs and MS.
- Lack of funds.
- Co-education system for higher education
- Getting married: quitting job/education
- As female teachers are teaching maths in girls schools so due to lack of good female mathematicians good female teachers of maths were very few. Which resulted in losing interest of girls in maths specially in rural areas.
- Mathematics is for men not for women (in some areas).

Some Hopes

- Higher Education Commission (HEC) has sent a good number of female mathematicians to study abroad. This will help to increase the ratio of female researchers in Mathematics in coming years.
- Very few women universities are established in some provinces, but these are not enough for the women of the whole country.
- Realization of female talent is increasing day by day.
- However, these are not enough. Much more is still needed especially for the women from northern areas of Pakistan.

My Leading Objective

- I want to bring them under one umbrella so that they can share their education/experience with other women in Mathematics from all over Pakistan.
- The hard areas where there is no women Ph. Ds, should be covered by providing special support to the students of that areas.



Many thanks to ICTP and EUROPEAN WOMEN in MATHEMATICS, for providing me the opportunity of speaking here for the women in mathematics in Pakistan.



MANY THANKS FOR LISTENING MY TALK