

WOMEN ENGINEERS PAKISTAN

Enabling women to STEM Forward

Women Engineers Pakistan (WEP) is a grassroots social enterprise that catalyzes participation of women in Science, Technology, Engineering and Math (STEM) fields. We create a high-value resource cycle within three focus groups of high school students, university students, and working women, thereby improving student-student linkage and student-industry linkage, providing hands-on industry training, and organizing events surrounding advancement in STEM in Pakistan and beyond.



www.womenengineers.pk



[/WomenEngineersPakistan](https://www.facebook.com/WomenEngineersPakistan)



[/company/women-engineers-pakistan/](https://www.linkedin.com/company/women-engineers-pakistan/)



[@Women_Engrs_Pk](https://twitter.com/Women_Engrs_Pk)

GOALS

- Increase female participation in STEM in Pakistan
- Increase female visibility in STEM
- Dispel negative stereotypes
- Grow & diversify STEM workforce
- Provide peer-to-peer & peer-to-mentor networks
- Promote cooperation between industry and academia
- Advocate better workplace policy
- Gender Equity in STEM fields

CORE TEAM



Ramla Qureshi

CEO- WEP
NSF Navigate, MDRF
Research Grantee, SUNY.
Fellow Rajeev Circle
Silicon Valley
Fulbright Scholar



Saba Safdar

PhD, Marie Sklodowska-Curie Early Stage Researcher, KU Leuven
Fulbright Scholar

PRESENCE

so far

8

cities

16

university campus chapters

130

student ambassadors

700

student members in database

900

online network of women in STEM

3500+

school students reached

18000+

focused online reach

and growing everyday!



WEP Resource Cycle

Women in the field
(Employed or at home)

Monthly Webinars,
High-value Networking,
Policy advocacy,
Gender gap surveys,
Job portal
Recruiting services

Workshops
Conferences
Software training
Mentoring
Shadow Internships

External
Partnerships
&
Consultancy
Services

Main Focus Group
Undergraduates
Prospective Engineers

Conference outreach,
Industry outreach,
IT & Digital skills training,
Resume/Interview skills,
Career counseling,
Webinars,
Scholarship portal,
Job portal

STEM K-12 outreach
STEM summer camps
Game-based learning
Career awareness
Role Models
Computer literacy
Makerspace

Data
collection
& Research

Public & private
Middle & High school students

Curriculum development,
Direct & Indirect
administrative feedback

Our 2019 Road-Map

WEP will conduct STEM Outreach Sessions in Middle/High Schools that use Game-Based Learning to make young girls feel at home in STEM!


WEP commits to reach at least **500** students.



5 Mentors, 10 Mentees in STEM fields.

Women Engineers Pakistan presents


ROLE MODELS IN S.T.E.M.*



TASNEEM ZEHRA

Tasneem Zehra Husain became Pakistan's first female string theorist when she was just 26. She was awarded a scholarship by the Abdus Salam International Centre for Theoretical Physics (ICTP) to study in the field of High-Energy Physics in Trieste, Italy. Husain obtained her PhD in theoretical physics from Stockholm University, and then went on to do her post-doctoral research at Harvard University. She recently published her new book "Only the Longest Threads".

* Science, Technology, Engineering, and Math



WEP will conduct a video/audio podcast project that showcases **15 female role models** in STEM.

The name of this project is "Wujood-e-Zann" translating literally to "existence of women", and it will highlight female role models who have successfully shattered the proverbial "glass ceiling", in an attempt to normalize the image of a Pakistani female in STEM and bridge the gender gap.

