

W-STEM Good practices

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Woman in Engineering Project

- Leader: Evelyn Salas Valerio
- Look forward to attract female students to the areas of engineering.
- Run by 5 female teachers of the Faculty of Engineering
- Focus on
 - students at Primary School (to raise awareness),
 - Secondary School (with an emphasis on women), and
 - students of the Faculty of Engineering of the UCR (Elementary students were recently included in the Program).

- **Primary School**

- Developing awareness and information workshops.
- Seek to eliminate stereotypes from young ages.

- **Secondary School**

- Attraction of High School students: keep them informed and sensitize them in the areas of engineering so they choose a career with criteria and information.

- **University level**

- Motivate students to continue in the areas of engineering and avoid migration to saturated areas or with greater female presence.

Goal	Indicator	Measure
Send information on the different Engineering to at least 30 Secondary Schools around Rodrigo Facio Headquarters and Interuniversity Headquarter of Alajuela.	Number of Secondary Schools to which information was sent	Quantitative Quantity: 30
Visit at least 4 schools in the Rodrigo Facio Headquarters area and at least 2 in the Alajuela Interuniversity Headquarters area	Number of visits to Secondary Schools by zone	Quantitative - Quantity 6
To perform at least one workshop in a primary education center in the metropolitan area.	Number of visits made to primary education centers	Quantitative - Quantity 1
To have at least 2 spaces in social networks with more than 1000 members, where more than 60% are women.	Number of spaces in social networks with more than 1000 members and that 60% of members are women	Quantitative - Quantity 2
To make at least 4 talks, conversations, activities per year, for university students.	Number of talks, conversations, activities held per year, for university students.	Quantitative - Quantity 4
Perform at least 3 activities in conjunction with institutions, private companies, organizations or professionals (Two at Rodrigo Facio Headquarters and one at Alajuela Interuniversity Headquarters).	Number of activities carried out jointly with institutions, private companies, organizations or professionals per headquarter.	Quantitative - Quantity 3
Analyze, systematize and define actions based on the results of the application of the quantitative instrument, which supports the entry of women into engineering careers.	Number of actions defined to support the entry of women to engineering careers	Qualitative
Define the work plan to carry out the research in at least another career of the Faculty of Engineering.	Defined work plan	Qualitative



Important factors:

- –The motivation and commitment of the teachers from the team of Women in Engineering team.
- –The motivation of the students of the Faculty who participate and support the activities.
- –The planning, organization of all the activities that are developed.
- –The lack of community feeling between the students at the Faculty of Engineering and approach to the teaching staff.
- –The students need for performing join activities.
- –The need for national promotion of gender issues makes Primary and Secondary Schools approach us.
- –The need for increasing the number of engineers in national and foreign organizations.

Barriers to overcome

- The work with the teachers to sensitize them. The project has tried to do it, but it is an audience that is difficult to gather.
- Higher number of teachers assigned to the project, because they are very few hours between all to develop so many activities.
- Support, participation and accompaniment of authorities on these issues.

Disclaimer

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