9-1. Institute of Electrical and Electronics Engineers, Women in Engineering (IEEE-WIE), Central

**Contact Information**

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Position: Professor of Mathematics and Engineering  
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(a) Pillar 1: STEM Education

<table>
<thead>
<tr>
<th>Activity</th>
<th>In 2019</th>
<th>In 2020</th>
<th>Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>IEEE WIE Central delivers STEM Education of Tomorrow to create awareness about STEM Education and the WePOWER Network.</td>
<td></td>
<td>Not planned</td>
<td>Total target #s in the year</td>
</tr>
<tr>
<td></td>
<td>Q1 Jan-</td>
<td>Q2 Apr-</td>
<td>Q3 Jul-</td>
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</tbody>
</table>

(b) Pillar 2: Recruitment

None.
(c) Pillar 3: Development for Female Engineer professionals

<table>
<thead>
<tr>
<th>Activity</th>
<th>In 2019</th>
<th>In 2020</th>
<th>Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>IEEE WIE Central provides Advisor &amp; Mentor to regional IEEE WIE professors.</td>
<td>--</td>
<td>IEEE WIE Central provides Advisor &amp; Mentor to the IEEE YESIST12.</td>
<td>Total target #s in the year</td>
</tr>
<tr>
<td>Q1 Jan-</td>
<td>Q2 Apr-</td>
<td>Q3 Jul-</td>
<td>Q4 Oct-</td>
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<tr>
<td>Q1 Jan-</td>
<td>Q2 Apr-</td>
<td>Q3 Jul-</td>
<td>Q4 Oct-</td>
</tr>
<tr>
<td>Q1 Jan-</td>
<td>Q2 Apr-</td>
<td>Q3 Jul-</td>
<td>Q4 Oct-</td>
</tr>
<tr>
<td>Q1 Jan-</td>
<td>Q2 Apr-</td>
<td>Q3 Jul-</td>
<td>Q4 Oct-</td>
</tr>
<tr>
<td>IEEE WIE Central attends WePOWER track in IEEE WIE Regional activities.</td>
<td>--</td>
<td>IEEE WIE Central attends 3 WePOWER tracks.</td>
<td>Total target #s in the year</td>
</tr>
<tr>
<td>Q1 Jan-</td>
<td>Q2 Apr-</td>
<td>Q3 Jul-</td>
<td>Q4 Oct-</td>
</tr>
<tr>
<td>Q1 Jan-</td>
<td>Q2 Apr-</td>
<td>Q3 Jul-</td>
<td>Q4 Oct-</td>
</tr>
<tr>
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<td>Q3 Jul-</td>
<td>Q4 Oct-</td>
</tr>
<tr>
<td>Q1 Jan-</td>
<td>Q2 Apr-</td>
<td>Q3 Jul-</td>
<td>Q4 Oct-</td>
</tr>
<tr>
<td>Q1 Jan-</td>
<td>Q2 Apr-</td>
<td>Q3 Jul-</td>
<td>Q4 Oct-</td>
</tr>
<tr>
<td>IEEE WIE Central invites professors in Energy Sector from universities as the keynote (webinar) and the panelist in</td>
<td>--</td>
<td>IEEE WIE Central invites professors in Energy Sector from universities.</td>
<td>Total target #s in the year</td>
</tr>
<tr>
<td>Q1 Jan-</td>
<td>Q2 Apr-</td>
<td>Q3 Jul-</td>
<td>Q4 Oct-</td>
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<tr>
<td>Q1 Jan-</td>
<td>Q2 Apr-</td>
<td>Q3 Jul-</td>
<td>Q4 Oct-</td>
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<tr>
<td>Q1 Jan-</td>
<td>Q2 Apr-</td>
<td>Q3 Jul-</td>
<td>Q4 Oct-</td>
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<tr>
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<td>Q2 Apr-</td>
<td>Q3 Jul-</td>
<td>Q4 Oct-</td>
</tr>
</tbody>
</table>

1 Advisor and Mentor provide.
Every Saturday entire year.
SAR

IEEE WIE Central invites professors in Energy Sector from universities.

3 professors
<table>
<thead>
<tr>
<th>WIE Event</th>
<th>Description</th>
<th>Quarter Timeline</th>
<th>Achievements</th>
</tr>
</thead>
<tbody>
<tr>
<td>IEEE WIE Central builds WePOWER Networks</td>
<td>--</td>
<td>Q1 Jan-Q2 Apr-Q3 Jul-Q4 Oct</td>
<td>Total target #s in the year</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Aiming timeline</td>
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<td></td>
<td></td>
<td>Quarterly Target #s with country</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Achievement</td>
</tr>
<tr>
<td>IEEE-WIE Central develops 1 IEEE-WIE mentorship program</td>
<td>--</td>
<td>Q1 Jan-Q2 Apr-Q3 Jul-Q4 Oct</td>
<td>Total target #s in the year</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Aiming timeline</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Quarterly Target #s with country</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Achievement</td>
</tr>
<tr>
<td>IEEE-WIE Central develops one toolkit, resources and best practices for female engineers and trainers. These resources are disseminated by WePOWER Secretariat and IEEE-WIE.</td>
<td>--</td>
<td>Q1 Jan-Q2 Apr-Q3 Jul-Q4 Oct</td>
<td>Total target #s in the year</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Aiming timeline</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>Quarterly Target #s with country</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Achievement</td>
</tr>
</tbody>
</table>
For female engineers and trainers with resources and best practices

IEEE-WIE Central hosts on-line training courses for women’s engineers to strengthen their capacities. Also, IEEE-WIE Central use social media to promote the on-line courses.

<table>
<thead>
<tr>
<th>Quarter</th>
<th>IEEE-WIE Central hosts 2 on-line courses for women’s engineers. Target audience are 100 each</th>
<th>IEEE-WIE Central hosts 2 on-line courses for women’s engineers. Target audience are 100 each</th>
<th>Total target #s in the year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Q1 Jan-</td>
<td>1 on-line course with 100 women engineers</td>
<td>1 on-line course with 100 women engineers</td>
<td>Aiming timeline</td>
</tr>
<tr>
<td>Q2 Apr-</td>
<td>1 on-line course with 100 women engineers</td>
<td>1 on-line course with 100 women engineers</td>
<td></td>
</tr>
<tr>
<td>Q3 Jul-</td>
<td>SAR</td>
<td>SAR</td>
<td></td>
</tr>
<tr>
<td>Q4 Oct-</td>
<td>Not done</td>
<td>Not done</td>
<td></td>
</tr>
</tbody>
</table>

Quarterly Target #s in the year:

- Q1 1 on-line course with 100 women engineers
- Q2 1 on-line course with 100 women engineers
- Q3 SAR
- Q4 Not done

Aiming timeline:

- Q1 1 on-line course with 100 women engineers
- Q2 1 on-line course with 100 women engineers
- Q3 SAR
- Q4 Not done

IEEE-WIE Central calls for papers on issues pertinent to Women’s Engineers in Power Sector in South Asia Region.

Women track can be introduced in the PES conference in the SAR region with expected participation of 30 women.

<table>
<thead>
<tr>
<th>Quarter</th>
<th>1 call for papers</th>
<th>1 call for papers</th>
<th>Total target #s in the year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Q1 Jan-</td>
<td>1 call for paper</td>
<td>1 call for paper</td>
<td>Aiming timeline</td>
</tr>
<tr>
<td>Q2 Apr-</td>
<td>SAR</td>
<td>SAR</td>
<td></td>
</tr>
<tr>
<td>Q3 Jul-</td>
<td>1 call for paper/7 papers accepted</td>
<td>1 call for paper/11 papers accepted</td>
<td></td>
</tr>
<tr>
<td>Q4 Oct-</td>
<td>SAR</td>
<td>SAR</td>
<td></td>
</tr>
</tbody>
</table>

Quarterly Target #s in the year:

- Q1 1 call for paper
- Q2 SAR
- Q3 1 call for paper/7 papers accepted
- Q4 1 call for paper/11 papers accepted

Aiming timeline:

- Q1 1 call for paper
- Q2 SAR
- Q3 1 call for paper/7 papers accepted
- Q4 1 call for paper/11 papers accepted

Postponed to 2021 due to COVID

Achievement:

- IEEE-WIE Central calls for papers on issues pertinent to Women’s Engineers in Power Sector in South Asia Region.
- Women track can be introduced in the PES conference in the SAR region with expected participation of 30 women.
- Total target #s in the year:
  - Q1 1 call for paper
  - Q2 SAR
  - Q3 1 call for paper/7 papers accepted
  - Q4 1 call for paper/11 papers accepted

Achievement:

- IEEE-WIE Central holds on-line training courses for women’s engineers to strengthen their capacities.
- Also, IEEE-WIE Central use social media to promote the on-line courses.
- Total target #s in the year:
  - Q1 1 on-line course with 100 women engineers
  - Q2 1 on-line course with 100 women engineers
  - Q3 SAR
  - Q4 Not done
IEEE-WIE publishes a special issue of IEEE WIE Magazine or e-book to highlight the contributions of WePOWER. This may contain technical papers and informal portraits of IEEE WIE members at different stages in career from industry, academia and government.

(d) Pillar 4: Retention (including Facilities)

None.

(e) Pillar 5: Policy and Institutional Change

<table>
<thead>
<tr>
<th>Activity</th>
<th>In 2019</th>
<th>In 2020</th>
<th>Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>IEEE WIE Central develops MoU between WePOWER.</td>
<td>preparation</td>
<td>IEEE WIE Central finalizes MoU between WePOWER.</td>
<td>Total target #s in the year</td>
</tr>
<tr>
<td>Q1 Jan-</td>
<td>Q2 Apr-</td>
<td>Q3 Jul-</td>
<td>Q4 Oct-</td>
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<td>Drafte d</td>
<td>Finalized</td>
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<tr>
<td>Drafte d</td>
<td>Finalized</td>
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