

4, Institute of Electrical and Electronics Engineers, Women in Engineering in India (IEEE-WIE India), India

Contact Information

Partner representative: **Dr. Ramalatha Marimuthu**
 Position: Professor, Kumaraguru College of Technology
 Address: Coimbatore
 Telephone: +919443856444
 E-mail: ramalatha.marimuthu@gmail.com

(a) Pillar 1: STEM Education

Activities	In 2019				In 2020				Note
IEEE-WIE India holds IEEE-WIE STAR Programs to educate women students in India. These are for school students led by Engineering Students – 2 in South India and 2 in North India.	4 programs for 100 female students.				4 programs for 100 female students				Total target #s in the year
	In 2019 cost estimation TOTAL: USD 500				In 2020 cost estimation TOTAL: nil				Cost Estimation
	Q1 Jan-	Q2 Apr-	Q3 Jul-	Q4 Oct-	Q1 Jan-	Q2 Apr-	Q3 Jul-	Q4 Oct-	Aiming timeline
	NA	NA	50 female students IN	50 female students IN	2 programs for 50 female students IN	NA	2 programs for 50 female students IN	NA	Quarterly Target #s with country
NA	NA	2 programs for 50 female students IN	2 programs for 50 female students IN	0	2 programs for 160 female students (Grid Integration Issues Associated with Renewable Energy Systems on 16/05/2020 Perspectives of IoT on 12/06/2020)	1 program for 44 female students (Design and Control of Extreme-Scale Wind Turbines” on 31/07/2020) IN		Achievement	

						IN			
IEEE-WIE India provides Awareness workshops on solar-based device building in India, for expertise and skill-building and to increase the interest in STEM education for school students.	2 workshops for 100 female students.				2 workshops for 100 female students.				Total target #s in the year
	In 2019 cost estimation TOTAL: USD 2000				In 2020 cost estimation TOTAL: USD 100				Cost Estimation
	Q1 Jan-	Q2 Apr-	Q3 Jul-	Q4 Oct-	Q1 Jan-	Q2 Apr-	Q3 Jul-	Q4 Oct-	Aiming timeline
			1 workshop for 50 female students IN	1 workshop for 50 female students IN			1 workshop for 50 female students IN	1 workshop for 50 female students IN	Quarterly Target #s with country
			1 workshop for 50 female students, Kerala IN	1 workshop for 50 female students, Chennai IN		1 workshop for 167 female students (Robotics control workshop) IN	1 workshop for 15 female students (International Boot camp on "Energy Modeling in Industry" with hands on, pitch your idea and Mentoring) IN		Achievement
IEEE-WIE India awards travel grants to attend the finals of YESIST12 for winning female students of the Annual Project Presentation in	1 Annual Project Presentation by female students. (YESIST12 is a worldwide IEEE annual project competition and maker fair on the theme of UN SDG.)				1 Annual Project Presentation by female students (YESIST12 is a worldwide IEEE annual project competition and maker fair on the theme of UN SDG.)				Total target #s in the year
	In 2019 cost estimation TOTAL: USD 3000				In 2020 cost estimation TOTAL: USD 750				Cost Estimation
	Q1 Jan-	Q2 Apr-	Q3 Jul-	Q4 Oct-	Q1 Jan-	Q2 Apr-	Q3 Jul-	Q4 Oct-	Aiming timeline

the Power domain in India.	30 female students attended IN	70 female students attend IN	100 female students attend 20 gets the travel grant to Thailand IN	NA	NA	50 female students attended IN	100 female students attend IN	NA	Quarterly Target #s with country
		70 female students attend from Madras, Pune, Bengaluru IN	27 female students attend from Madras, Pune, Bengaluru IN (Out of the 97 students, 18 female students won travel grant to go Thailand for the finals)	NA				33 students participated in finals virtually IN	Achievement

(b) Pillar 2: Recruitment

Activity	In 2019				In 2020				Note
IEEE-WIE India calls for volunteers to represent WePOWER in online chats in India.	2 volunteer representatives for WePOWER (Online chats of IEEE WIE will draw school students, parents, and engineering students.)				2 representatives for WePOWER (Online chats of IEEE WIE will draw school students, parents, and engineering students.)				Total target #s in the year
	In 2019 cost estimation TOTAL: USD NIL				In 2020 cost estimation TOTAL: USD NIL				Cost Estimation
	Q1 Jan-	Q2 Apr-	Q3 Jul-	Q4 Oct-	Q1 Jan-	Q2 Apr-	Q3 Jul-	Q4 Oct-	Aiming timeline
			1 volunteer IN	1 volunteer IN			1 volunteer IN	1 volunteer IN	Quarterly Target #s with country
			2 volunteer representatives IN	3 volunteer representatives, the			2 volunteers (Conducted 1 Online	No volunteer IN	Achievement

				online chat is planned in Dec.			Chat with 83 registrants from 15 countries)		
				IN			IN		

(c) Pillar 3: Development for Female Engineer professionals

Activity	In 2019				In 2020				Note
IEEE-WIE India conducts the Women Leadership Summits in India.	1 Leadership Summit for 100 female engineers				1 Leadership Summit for 100 female engineers				Total target #s in the year
	In 2019 cost estimation TOTAL: USD NA				In 2020 cost estimation TOTAL: USD 2700				Cost Estimation
	Q1 Jan-	Q2 Apr-	Q3 Jul-	Q4 Oct-	Q1 Jan-	Q2 Apr-	Q3 Jul-	Q4 Oct-	Aiming timeline
	NA	NA	100	NA	NA	NA	100	NA	Quarterly Target #s with country
			1 Leadership Summit with 100 female engineers, Pune, Delhi					1 Leadership Summit with 93 female engineers	Achievement
			IN				IN		

(d) Pillar 4: Retention (including Facilities)

Activity	In 2019				In 2020				Note
IEEE-WIE India holds panel sessions in Returning Mothers conference in India.	1 Returning Mothers Panel session with 100 female engineers				1 Returning Mothers Panel session with 100 female engineers				Total target #s in the year
	In 2019 cost estimation TOTAL: USD 3500				In 2020 cost estimation TOTAL: USD 1000				Cost Estimation
	Q1 Jan-	Q2 Apr-	Q3 Jul-	Q4 Oct-	Q1 Jan-	Q2 Apr-	Q3 Jul-	Q4 Oct-	Aiming timeline
	NA	NA	NA	1 Returning Mothers Panel session with 100 female engineers	NA	NA	NA	1 Returning Mothers Panel session with 100 female engineers	Quarterly Target #s with country
				IN				IN	

				1 Returning Mothers Panel session with 60 female engineers, <i>In Bengaluru, Chennai</i> IN				1 Returning Mothers Conference with 180 female participants IN	<i>Achievement</i>
--	--	--	--	---	--	--	--	---	--------------------

(e) Pillar 5: Policy and Institutional Change

None.