

IUCEE-SCALE Student Leadership Course 2019

Date	Objectives	Assignments
Webinar 1 Fri, June 14 7:30 pm IST	<ul style="list-style-type: none"> • Getting to know each other • Create awareness of leadership qualities • Obtaining contact info for selected EWB chapters 	<p>Assignment 1: Prepare 1 page sheet with pictures and brief info about the team members.</p> <p>Discussion 1: Project experiences and their role in developing professional skills; Community projects as a means to achieve employability and leadership skills</p> <p>Assignment 2: for one EWB chapter in India , two in US and one other country</p>
Webinar 2 Fri, June 28 7:30 pm IST	<ul style="list-style-type: none"> • Understand and explain concepts behind key inventions from a variety of engineering fields 	<p>Assignment 3: Prepare 3 min video explaining 2 selected inventions</p> <p>Discussion 2: Overview of history of Technology and Inventions</p> <p>Assignment 4: Prepare short quiz on each invention</p>
Webinar 3 Fri, July 12 7:30 pm IST	<ul style="list-style-type: none"> • Discuss the Basic Concepts of Design Thinking develop solutions to engineering problems • Planning for GSF 2019 	<p>Assignment 5: Watch IDEO video, discuss key learnings</p> <p>Discussion 3: Process of Engineering Design</p> <p>Assignment 6: email key contacts for one EWB chapter in India , two in US and one other country, seeking a meeting on line, seeking guidance on starting an EWB Chapter</p> <p>Assignment 7: Review Grand Challenges website and select one challenge</p> <p>Discussion 4: Outline of GSF 2019 Plan and strategy for inviting EWB chapter members to GSF 2019.</p>
Webinar 4 Fri, July 26 7:30 pm IST	<ul style="list-style-type: none"> • Discuss redesign of the back pack • Create an IUCEE SCALE Student Chapter 	<p>Assignment 8: Work in Teams to Redesign the Backpack; submit 6 min video of the design process</p> <p>Discussion 5: Need to show leadership and motivate students to think about their role in the world we live in.</p> <p>Assignment 9: Form Chapter and hold first meeting; assist chapter members to understand Key Inventions.</p>
Webinar 5 Fri, Aug 9 7:30 pm IST	<ul style="list-style-type: none"> • Identify local Challenges relevant to Grand Challenges 	<p>Assignment 10: Study selected Grand Challenge and prepare 3 min video on one selected Challenge</p> <p>Discussion 6: Sustainability and the future of our world</p> <p>Assignment 11: Research community around institution and identify 3 potential projects addressing Grand Challenges</p> <p>Assignment 12: Learn from one challenge addressed by one of the international EWB Chapters</p>
Webinar 6 Fri, Aug 23 7:30 pm IST	<ul style="list-style-type: none"> • Engage with one local grand challenge • Learn from Case Study of EWB Chapter 	<p>Assignment 13: Conduct second monthly meeting of Chapter and submit report</p> <p>Discussion 7: Identify Grand Challenges relevant to India</p> <p>Assignment 14: present one Case study relevant to grand challenges from one of the EWB chapters; 3 min video</p>

Webinar 7 Fri, Sept 6 7:30 pm IST	<p align="center">MAKE UP INCOMPLETE ASSIGNMENTS; DISCUSS ANY ISSUES FROM CHAPTERS Identify their own strengths and weakness relevant to Professional Skills and explore ways to improve</p>	
Webinar 8 Fri, Sept 20 7:30 pm IST	<ul style="list-style-type: none"> • Planning for GSF 2019 and ASC 2020 	<p><u>Assignment 15:</u> Conduct third monthly meeting of Chapter and submit report <u>Discussion 8:</u> Goals and Objectives of GSF 2019 and ASC 2020</p>
Webinar 9 Fri, Oct 4 7:30 pm IST	<ul style="list-style-type: none"> • Planning for GSF 2019 and ASC 2020 	<p><u>Assignment 16:</u> Make an effective presentation of the selected Case Study and its relevance to local regions <u>Discussion 9:</u> Selecting suitable Case Studies for GSF 2019</p>
Webinar 10 Fri, Oct 18 7:30 pm IST	<ul style="list-style-type: none"> • Planning for GSF 2019 and ASC 2020 	<p><u>Assignment 17:</u> Conduct fourth monthly meeting of Chapter and submit report <u>Discussion 10:</u> Finalizing participants and roles for GSF 2019</p>
Webinar 11 Fri Nov 1 7:30 pm IST	<ul style="list-style-type: none"> • Final Plans for GSF 2019 	<p><u>Assignment 18:</u> Create IUCEE Student Chapter Network to communicate with students from other Student Chapters. <u>Discussion 11:</u> Course Wrap Up and Assessment</p>