

<b>3.3.1</b> <b>Q<sub>1</sub>M</b>	<p><b><i>Institution has created an ecosystem for innovations, including Incubation centre and other initiatives for the creation and transfer of knowledge</i></b></p> <p>Describe available incubation centre and evidence of its usage (activity) within a maximum of 500 words</p> <p><b>File description</b></p> <ul style="list-style-type: none"> <li>• Upload any additional information</li> <li>• Provide the link for additional information</li> </ul>	<b>10</b>
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### TEXT

The Institution Innovation Council (IIC; [link](#)) at the TERI SAS is working towards fostering an ecosystem of innovation at the institute in areas related to sustainable development. It SAS has members from the faculty, industry (external experts with expertise in technical, financial and legal aspects) as well as student coordinators from all programmes ([link](#) to latest composition).

It meets at regular intervals to chart out the quarterly activities and plans. Necessary details are being uploaded on the MHRD-IIC portal ([Annexure 3.3.1.A](#)). Information as received from MHRD-IIC is being regularly shared with the students as well as the faculty members.

A number of activities have been organized by the IIC to inspire the students to think ‘big’, innovatively. This includes workshops and webinars on innovation and entrepreneurship, IPR as well as project management. Founders of several start-ups have been invited to deliver pep-talks and share their entrepreneurial journey with the students.

The curriculum has been updated to include courses focusing on entrepreneurship and design thinking, which are offered to students from all disciplines as electives. The administration has been extending facilities to the interested students, enabling them utilize facilities at the Campus - library, laboratories and dedicated seating facilities, besides mentoring support from the experts. Students are further being encouraged to participate in design competitions and hackathons.

#### List of Events undertaken by IIC

Sl. No	Title of event	Date	Links
1.	Opportunities for beginners in Indian Solar Rooftop Sector	17-Jun-20	<a href="#">Link</a>
2.	Swapeco - A Startup story	23-May-20	<a href="#">Link</a>
3.	Session on Cleantech Entrepreneurship	25-Apr-20	<a href="#">Link</a>
4.	Renewable Energy with RENEW Power	17-Apr-20	<a href="#">Link</a>
5.	Renewable Energy Finance & Project Management with Tata Cleantech	11-Apr-20	<a href="#">Link</a>
6.	Business Sustainability- The Obvious Corporate Choice	9-Apr-20	<a href="#">Link</a>
7.	IPR Awareness in collaboration with CII	12-Mar-20	<a href="#">Link</a>
8.	Training in Analysis of Building Energy	14-Feb-20	<a href="#">Link</a>
9.	Entrepreneurial journey of a biotechnologist	13-Feb-20	<a href="#">Link</a>

#### Facilities at TERI SAS Campus



Minutes of Meeting can be accessed against the links below.

- [Meeting Minutes - 6<sup>th</sup> Jul 2021](#)
- [Meeting Minutes - 31<sup>st</sup> Mar 2021](#)
- [Meeting Minutes - 28<sup>th</sup> Dec 2020](#)
- [Meeting Minutes - 20<sup>th</sup> Jun 2020](#)

### Snapshot of the Competitions organised

The screenshot shows an Outlook email interface. The main content is a promotional graphic for the 'Efficiency for Access Design Challenge University Guide 2020-21'. The graphic features a woman smiling and the text 'Supported by: UK ENGINEERS WITHOUT BORDERS'. The email text on the right reads:

**EforA Design Challenge - Brainstorming - Ideation Meeting - 28th July**

Akash Sondhi  
Mon 7/27/2020 6:40 PM  
To: Akash Sondhi  
Cc: Sapan Thapar; Naqul Anwer +2 others

Efficiency for Access Design C...  
1,014 KB

Dear Masters Students and PhD Scholars at TERI SAS,

Subject: Brainstorming session on 28th July at (11 am to discuss your ideas for the Efficiency for Access Challenge 2020-21 - Moderator Ms. Bhawna

Dear Friends,

In continuation of the previous email regarding the EforA Design Challenge, I encourage you to take advantage of this unique platform.

MS Teams Link - [Join Microsoft Teams Meeting \(28th July @ 11 am\)](#)

Efficiency for Access is a global coalition to accelerate clean energy access through high performing appliances. The Efficiency for Access Challenge invites teams of university students from across the world, to create affordable, high-performing off-grid appliances and supportive technologies. This year TERI university has been invited to participate and we are registering the

The screenshot shows an Outlook email interface. The main content is a PDF document titled 'IC WEBINAR SCHEDULE (1).pdf'. The PDF content includes a table with the following data:

S.No	e-Session Title	Type of Activity	Topics to be Covered/ Learning Objectives	Theme	Expert Name	Date & Time
1	National Innovation and Startup Policy for Students and Faculty 2019 - A Guiding Framework for HEIs for Implementation	IC Calendar Activity	<ul style="list-style-type: none"> <li>Strategies and governance for promoting entrepreneurship</li> <li>Notes for students and faculty driven startups</li> <li>Incubation and pre-incubation support</li> <li>Incentives &amp; rewards for students and faculty pursuing innovation and startups</li> <li>IP ownership and equity/ revenue sharing mechanisms</li> </ul>	Policy for Innovation, Startup and IPR	Mr. Dipan Sahu National Coordinator - IIC/IC & ASIA, MHRD in IIT Program MHRD's Innovation Cell, AICTE	21-04-2020 3:00 PM - 4:00 PM
2	Role and Importance of Pre-Incubators, Incubators and Accelerators in HEIs - Harnessing Innovation and Entrepreneurial Potential of Students and Faculties at Early Stage	IC Calendar activity	<ul style="list-style-type: none"> <li>Why is important to have an incubator in your institution?</li> <li>The difference between pre-incubation, incubation and acceleration.</li> <li>The service the incubator should provide.</li> <li>Staff and funding for the incubator.</li> <li>Marketing and outreach for the incubator.</li> </ul>	Incubation and Pre Incubation	Mr. Muthu Singaram, CEO, IIT Madras IITC Incubator, Founder, VibaZone	22/04/2020 3:00 PM - 4:00 PM
3	Hangout with Emerging Innovator & Entrepreneurs Supported through IIC & AICTE	IC Calendar activity	<ul style="list-style-type: none"> <li>Life of an Innovator cum Entrepreneur - Do's and Don'ts</li> <li>Lessons Learned and Opportunities and Achievements in Last 1 year- Life before and Life After *</li> <li>How IIE ecosystem in HEIs helping budding entrepreneurs to Spur.</li> </ul>	Entrepreneurship Development	Ms. Vandana Thakur Female Innovator cum Entrepreneur, Canada India Acceleration Program 2020 M. M College of Pharmacy, Abroad Mr. Anil Sanyal Innovator Cum Entrepreneur, India-South Korea Startup Exchange Program 2020 Institute of Chemical Technology, Mumbai	23/04/2020 3:00 PM - 4:00 PM

The email text on the right reads:

**MHRD Innovation Cell: e-Activities**

Sapan Thapar  
Mon 4/20/2020 8:49 AM  
To: Students: Faculty  
Cc: Kamal Sharma

IC WEBINAR SCHEDULE (1).pdf  
214 KB

Dear Colleagues & Students,  
MHRD Innovation Cell is organizing e-activities on various themes of Innovation, IPR and Entrepreneurship and Startup. You may like to participate as per the guidelines listed below -

- No Prior Registration is required to attend the e-sessions and you can use your smartphone and laptop/desktop.
- The time slot for the e-sessions are 3.00 PM to 4.00 PM (except Saturday and Sunday) from 21st April to 10th May 2020.
- Enrollment is Free through clicking the WEBEX Link <https://iicm.gov.in/webinar.php> The link will be active for joining the sessions 15 minutes Prior to the commencement of Session.
- Maximum 1000 numbers of Participants Can

### Curriculum on Design Thinking

<b>Course title:</b> Design Thinking			
<b>Course code:</b> PPM 179	<b>No. of credits:</b> 2	<b>L-T-P:</b> 10-18-0	<b>Learning hours:</b> 28
<b>Pre-requisite course code and title (if any):</b> NA			
<b>Department:</b> Department of Business and Sustainability			
<b>Course coordinator:</b>		<b>Course instructor:</b>	
<b>Contact details:</b>			
<b>Course type:</b> Open Elective		<b>Course offered in:</b> Semester III	
<p><b>Course Description</b>            This course will be an introduction to Design Thinking (DT). This course will let the learners understand the underpinnings of design thinking, and work with the DT framework and tools to help them understand design thinking as a creative problem solving approach. We will also explore unique stories from organizations and teams that used design thinking to uncover compelling solutions.</p>			
<p><b>Course objectives</b>            The course aims to:            Instill the Design Thinking approach            Develop the understanding and implementation of Design Thinking framework Apply Design Thinking tools to solve a problem            Conceive and ideate persuasive solutions using Design Thinking approach.</p>			

### Curriculum on Entrepreneurship Development

<b>Course title:</b> Entrepreneurship Development and Management			
<b>Course code:</b> PPM 198	<b>No. of credits:</b> 2	<b>L-T-P:</b> 15-13-0	<b>Learning hours:</b> 28
<b>Pre-requisite course code and title (if any):</b> None			
<b>Department:</b> Department of Business Sustainability			
<b>Course Coordinator:</b>		<b>Course instructor:</b>	
<b>Contact details:</b>			
<b>Course type:</b> Core		<b>Course offered in :</b> Semester 3	
<p><b>Course description:</b>            It is needless to mention the relevance and importance of Entrepreneurship culture in our country given the level of unemployment on one hand and opportunities for creation of enterprises on the other. The subject of Entrepreneurship attracts importance in every sector of economy since it opens up the door for enterprise creation in every sector of business. Government has already issued a mandate of skilling 500 million youths of our country by the year our country enters 75th year of Independence in the year 2022. One of the objectives of skilling up youth is to encourage them to set up their own micro/small enterprises or engage themselves productively in larger enterprises. In essence we need to create Entrepreneurial movement in our country and such a movement is possible through entrepreneurial curriculums.</p>			
<p><b>Course objectives:</b>            Primary objective of the course is to expose the students of Business Management to appreciate and understand the concepts and fundamentals of Entrepreneurship and to make them understand the process of business idea generation and converting the idea into a business model. While carrying out this process they also understand the role of government and the machinery that renders support in terms of policies, assistance etc. for creation, sustenance and growth of the enterprises by the individuals.</p>			

### 3.3.1.A.

## MHRD Portal – Uploaded Information

The screenshot displays the MHRD Portal interface for the TERI School of Advanced Studies. The page is divided into a left sidebar and a main content area. The sidebar contains navigation options: MY PROFILE, My Council (selected), Activity, Innovation Ambassador, Innovation Contest, Add Incubation Details, Announcement from IC Institutes, Notification, Suggestion, and Download. The main content area shows the 'Add Teaching/Non teaching Members' section, which is currently displaying a list of members. The members listed are Sapan Thapar, Udit Soni, and Fewzia Tarannum. Each member's profile includes their name, email address, contact number, and department. The page also features a search bar and a 'Details' tab. The top navigation bar includes the IIC ID (IC201810825), the school name (TERI SCHOOL OF ADVANCED STUDIES), and Star Ratings (5 stars). The bottom of the screenshot shows the Windows taskbar with the search bar and system tray.

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KP Phillip	kophilip@ireda.in	9810165918	IREDA	Members