

BRIEF REPORT OF WEBINAR

collaborated with IQAC Organized by the Institution's Innovation Council (IIC),
Hansraj College, University of Delhi

Poster for Webinar:

The poster is for a webinar organized by Hansraj College. It features the college's logo on the left and a crest on the right. The main text reads: 'Hansraj College NAAC GRADE 'A+' WITH CGPA 3.62'. Below this, it states 'Institution Innovation Council (IIC) and Internal Quality Assurance Cell (IQAC) Organizes a session on Problem Solving and Ideation'. The event details are: 'JOIN US on 22/02/2022 at 11:00 am'. The Zoom Meet link is 'https://us02web.zoom.us/j/88374501845'. A pre-registration link is provided: 'https://docs.google.com/forms/d/e/1FAIpQLSdo3Zq0FgcSeJI-wlxYGW-cW7IUKOGBECNi4RS0ASAdDKUvsA/viewform?usp=sf_link'. A photo of Dr. Mahendra P. Darokar is shown, with his title: 'DR. MAHENDRA P. DAROKAR Chief Scientist Technology Management Directorates (SeMI), CSIR, Anusandhan Bhawan, New Delhi'. At the bottom, a list of organizers and coordinators is provided, including Prof. (Dr.) Rama, Ms. Alka Kacker, Dr. Mona Bhatnagar, Dr. Archana Singh, Prof. (Dr.) Vijay Rani Rajpal, and Dr. Sonu Kumar, Dr. Lebin Thomas, Dr. Indrani Jha. A note at the bottom states: 'E-certificate will be provided to every participant who fills the feedback form'.

Title of Webinar: Problem Solving and Ideation

Name of the Speaker: Dr. Mahendra P. Darokar

Chief Scientist, Technology Management Directorates (SeMI), CSIR, Anusandhan Bhawan, New Delhi

Date of Program: 22/2/2022 Time: 11: 00 am onwards

Link for Registration: https://docs.google.com/forms/d/e/1FAIpQLSdo3Zq0FgcSeJI-wlxYGW-cW7IUKOGBECNi4RS0ASAdDKUvsA/viewform?usp=sf_link

Link for Webinar or Meeting Link: <https://us02web.zoom.us/j/88374501845>

Link for Feedback Form: https://docs.google.com/forms/d/e/1FAIpQLSe2UwAe6JeN-AiLbuM74EuAqD_JU9vfGU-5UrjNHoWVzbEdtg/viewform?usp=sf_link

Plate Name: ZOOM Plate form, FDP Center, Hansraj College Delhi University

Facebook Link: <https://www.facebook.com/hrcduofficial/videos/637343440887643/>

Abstract:

On 22nd Febuary, 2022 in collaboration with IQAC, a webinar was organized, by the Institution Innovation Council (IIC), Hansraj College from 11:00 am onwards, through the online platform ZOOM meeting. Professor (Dr.) Rama, Principal and President IIC, Ms. Alka Kacker, Vice-Principal & Vice-President, Dr. Mona Bhatnagar IQAC, Director, HRC, Dr. Archana Singh, Convenor, IIC and Prof. (Dr.) Vijay Rani Rajpal, innovative activity coordinator, IIC along with Coordinators Dr. Sonu Kumar, Dr. Lebin Thpmas and Dr. Indrani Jha were involved in organization of the webinar. The webinar began with the opening remarks by Ms. Alka Kacker. Further Prof (Dr.) Vijay Rani Rajpal introduced to the invited speaker. The invited speaker of the session Dr. Mahendra Pandurang Darokar is a chief scientist in technology Management Directorates (SeMI), CSIR, New Delhi. His research field and current interests Biotechnology (Bioprospection & Molecular Genetics); Biomolecule prospection from Medicinal and Aromatic plants for the development of novel drugs and agrochemicals. Recently, his work based on Socio-economic Ministry Interface for the deployment of CSIR Technologies for societal benefits including water, environment, health and rural development.

He offered his valuable insights on "Problem Solving and Ideation". He discussed about innovation and ideation with suitable examples and said that ideations play a critical role in design thinking process. Dr. M. P. Darokar gave a presentation on the various heartwarming stories from the CSIR, S & T Endeavors:

- (i) The Indelible Ink gift of CSIR
- (ii) Amul Milk Product
- (iii) DNA finger print
- (iv) Mine safety
- (v) India Mark II pump
- (vi) Menthol Mint
- (vii) Rural women empowerment through MAPS technologies
- (viii) Safe drinking water
- (ix) Leather Technologies
- (x) Wood without Tree
- (xi) Biodegradable Products from agro-residues

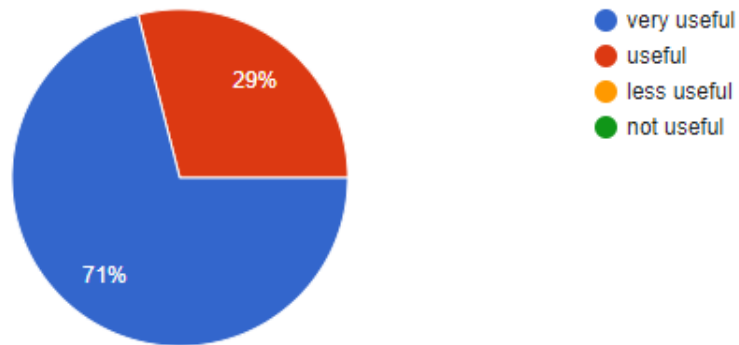
He acquainted the students about the innovative, ideation and related activities in the field of science and technologies. Furthermore, he guided the students about plans to execute on novel thinking ideation path. The webinar concluded with an intriguing discussion and questionnaire session and everyone gathered valuable information.

Finally, the webinar was concluded by Vote of Thanks presented by Dr. Archana Singh, Convener IIC, Hansraj College. There were 102 participants, who attended and were benefitted from this webinar.

Feed back form: https://docs.google.com/forms/d/e/1FAIpQLSe2UwAe6JeN-AiLbuM74EuAqD_JU9vfGU-5UrjNHoWVzbEdtg/viewform?usp=sf_link

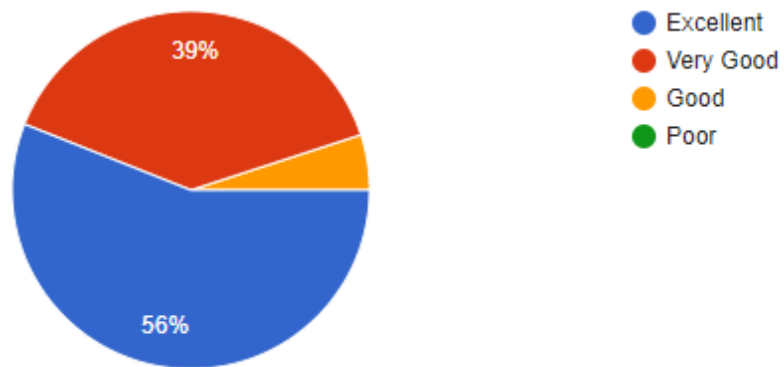
How useful was the webinar for you?

100 responses



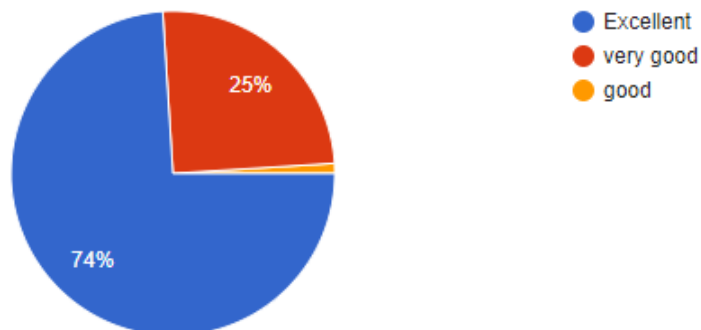
How would you rate the "Problem Solving and Ideation"

100 responses



How would you say the speaker or presenter was knowledgeable in "Problem Solving and Ideation"?

100 responses



Attendance: The webinar was attended by around 102 participants having professor, students, Research scholar from Delhi university and out of Delhi university.

Attendance sheet

	A	B	C	D	E	F	G	H	I	J	K	L	M
1	Timestar	Username	Name as you want on c	Contact N	Designat	If studen	College	Departm	Affiliatio	How use	How wou	What did	How wou
2	2022/02/	kartik.rssb	Kartikeya Sharma	8.7E+09	Student	UG	Hansraj	(Departm	Delhi Un	useful	Very Goo	The slide	Excellent
3	2022/02/	jayamalho	Dr. Jaya Malhotra	9.9E+09	Professor		Hansraj	(Zoology	Universit	useful	Very Goo	the comm	very good
4	2022/02/	viveanand	Vivek Anand	9.9E+09	Student	UG	Hansraj	(Chemistr	Delhi un	useful	Very Goo	Quite dif	very good
5	2022/02/	saniilsngr	Saniil Sengar	8.5E+09	Student	UG	Hansraj	(English	Universit	very usef	Very Goo	The pres	very good
6	2022/02/	navdeepsi	Navdeep Singh	9.5E+09	Professor		N.A.S Col	Chemistr	CCS Univ	very usef	Excellent	Easy exai	Excellent
7	2022/02/	rockstrong	Tanya Singh	8E+09	Student	UG	Hansraj	(Botany	12th pas	very usef	Good	Idea and	very good
8	2022/02/	goelriyans	Riyanshi Goel	9.6E+09	Student	UG	Hansraj	(Chemistr	Hansraj	(useful	Very Goo	Get to kn	Excellent
9	2022/02/	shakshish	Shakshi Sharma	9.1E+09	Student	UG	Hansraj	(Zoology	Know ab	very usef	Very Goo	Differenc	Excellent
10	2022/02/	lakshitaku	Lakshita Kumari	7.4E+09	Student	PG	N.A.S Col	Chemistr	CSIR NET	very usef	Very Goo	Excellent	Excellent
11	2022/02/	ay6334087	Ankit yadav	9E+09	Student	UG	Hansraj	(Chemistr	Universit	very usef	Excellent	Explanat	Excellent
12	2022/02/	hs7058173	Harsh Sharma	8.4E+09	Student	UG	Hansraj	(Botany	Universit	very usef	Excellent	Languag	Excellent
13	2022/02/	abhikumai	Abhishek Kumar	9.7E+09	Student	UG	Hansraj	(Chemistr	Ugc/DU	very usef	Excellent	Ideas an	Excellent
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17	2022/02/	yashika16	Yashika sharma	8.3E+09	Student	UG	Hansraj	(Chemistr	Universit	very usef	Excellent	Sir's lang	Excellent
18	2022/02/	radhikadh	Radhika	9.4E+09	Student	UG	Hansraj	(Chemistr	Student	(very usef	Excellent	The best	Excellent
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31	2022/02/	ronakgoda	RONAK GODARA	9E+09	Student	UG	Hansraj	(Chemistr	3354	very usef	Excellent	About CS	Excellent
32	2022/02/	singh.aditi	Aditya Kumar	9.1E+09	Student	UG	Hansraj	(BSc phys	Universit	very usef	Excellent	Present	Excellent
33	2022/02/	tlebin6@h	Dr. Lebin Thomas	8.1E+09	Assistant	professc	Hansraj	(Botany	Universit	useful	Excellent	Ideation	Excellent
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35	2022/02/	sanjeetma	Sanjeet Kumar Maurya	9.6E+09	Student	UG	Hansraj	(Chemistr	Delhi Un	useful	Very Goo	Good ex	very good
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37	2022/02/	gauravgan	Gaurav Gangwar	9.4E+09	Student	UG	Hansraj	(Chemistr	Universit	useful	Very Goo	Everythin	Excellent
38	2022/02/	nandhudir	Hridik Dinesh	9.4E+09	Student	UG	Hansraj	(BSc(hons	Universit	useful	Very Goo	The prob	very good
39	2022/02/	dikshatiw	Diksha Tiwari	9.3E+09	Student	UG	Hansraj	(Chemistr	Universit	very usef	Excellent	Info abo	Excellent
40	2022/02/	gunjankha	Gunjan	8.9E+09	Student	UG	HansRaj	Chemistr	Universit	very usef	Excellent	Innovatic	Excellent
41	2022/02/	sukh03mai	Sukhmanpreet Kaur	7.6E+09	Student	UG	Hansraj	(Bsc (Hon	Universit	useful	Very Goo	The inno	Excellent
42	2022/02/	Rohilla321	Khushhal Rohilla	9.5E+09	Student	UG	Hansraj	(Chemistr	Universit	very usef	Excellent	This is ve	Excellent
43	2022/02/	ronakgoda	RONAK GODARA	9E+09	Student	UG	Hansraj	(Chemistr	3354	very usef	Excellent	About CS	Excellent
44	2022/02/	diya21203	Diya	8.2E+09	Student	UG	Hansraj	(Chemistr	Delhi Un	very usef	Very Goo	Innovatic	Excellent
45	2022/02/	shraddhay	Shraddha Yadav	8.6E+09	Student	UG	Hansraj	(Chemistr	Delhi Un	very usef	Excellent	Rural wo	Excellent
46	2022/02/	jatinmano	Jatin Prajapati	9.6E+09	Student	UG	Hansraj	(Chemistr	ICSCE	very usef	Very Goo	I've	Excellent
47	2022/02/	mohima20	MS. MOHIMA MITRA	9.9E+09	Student	UG	HANSRAJ	LIFE SCIE	New Dell	useful	Very Goo	MENTHO	very good
48	2022/02/	arvindnim	Ankit yadav	6.4E+09	Student	UG	Hansraj	(Chemistr	Indrani n	very usef	Very Goo	Explanat	very good
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50	2022/02/	ratragehna	Gehna Ratra	9.6E+09	Student	UG	Hansraj	(Chemistr	Was able	very usef	Excellent	The web	very good
51	2022/02/	shagunsh	Shagun Sharma	6E+09	Student	UG	Hansraj	(Zoology	Zoology	very usef	Excellent	The case	Excellent
52	2022/02/	deeva.gau	Deeva	8.1E+09	Student	UG	Hansraj	(Chemistr	Universit	very usef	Excellent	Farming	Excellent
53	2022/02/	snehakaur	Sneha kaur	1E+10	Student	UG	Hansraj	(Chemistr	Universit	very usef	Very Goo	How to s	very good
54	2022/02/	jaijain273	Jai Kumar Jain	8.9E+09	Student	UG	Hansraj	(Chemistr	Indrani n	very usef	Excellent	Explanat	Excellent
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56	2022/02/	divyanshu	Divyanshu	7.7E+09	Student	UG	Hansraj	(BSc hons	Universit	useful	Very Goo	Head	Excellent



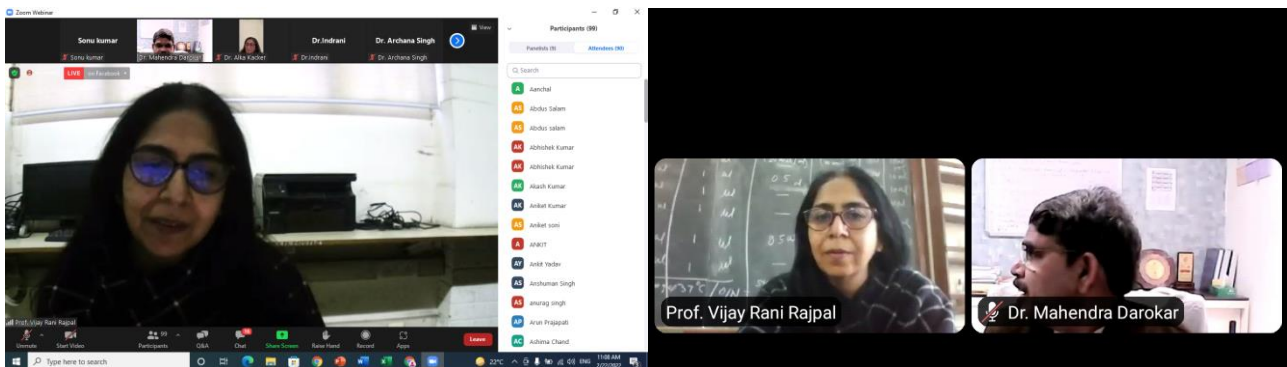
Problem solving and Ideation

S&T Innovations and entrepreneurship development : Success Stories

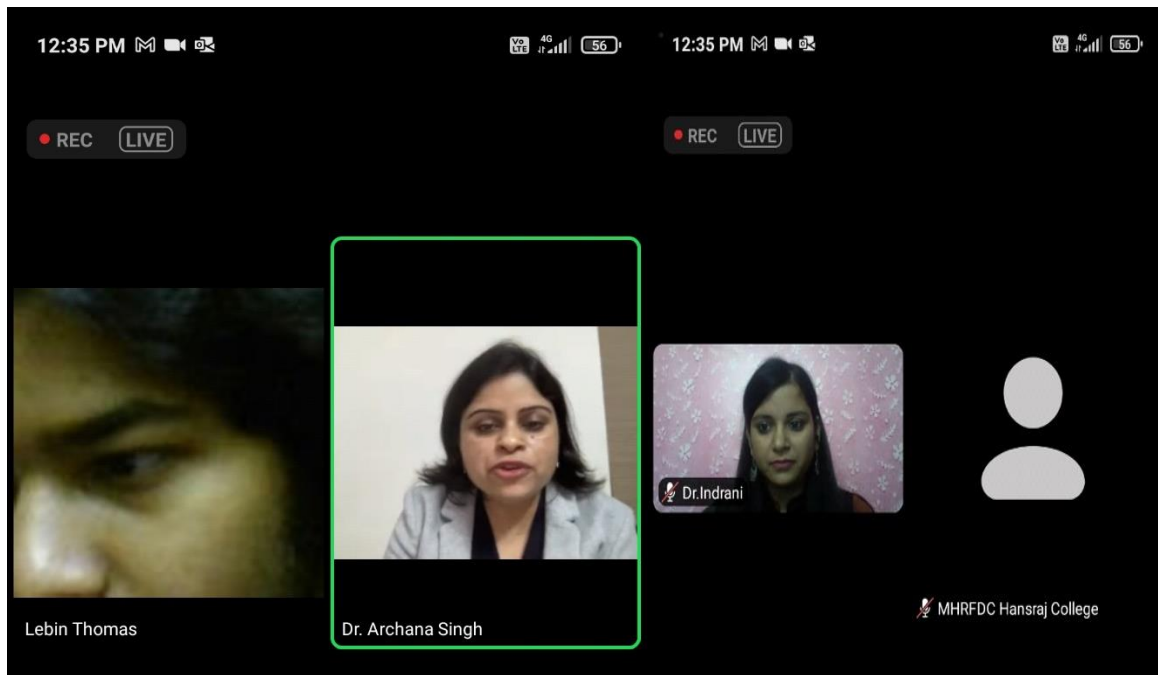


mp.darokar@csir.res.in

Invited Speaker: Dr. Mahendra Pandurang Darokar



Dr. Vijay Rani Rajpal introducing to invited speaker



Dr. Archana Singh presenting vote of thank in the webinar



LIVE on Facebook

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Innovation ?

Innovation is a process by which a domain, a product, or a service is renewed and brought up to date by applying new processes, introducing new techniques, or establishing successful ideas to create new value

Innovation, can refer to something new or to a change made to an existing idea, or field

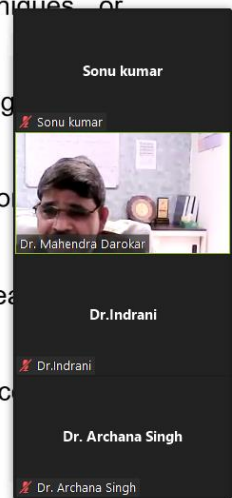
Example: The first telephone was an *invention*, the first cellular telephone an *invention* or an *innovation*, and the first smartphone an *innovation*

The word "innovation" is derived from the Latin verb innovate, which means to renew

Innovation means to improve or to replace something, for example, a product, or a service

In the context of business, however, the term needs a definition

addressing a problem



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Sonu kumar | Dr. Mahendra Darokar | Dr. Indrani | Prof. Vijay Rani Rajpal | Lebin Thomas

What Is Ideation?

Ideation is the creative process of generating new ideas, which can be accomplished through a variety of **ideation techniques**, such as brainstorming and prototyping.

If done right, ideation is what helps founders and executives determine the right problem and how to solve it

Ideation plays a critical role in the **design thinking process (IDEO)**

The goal of design thinking is to empathize with customers, uncover the non-obvious pain points they're experiencing, and learn more about how the current solutions in the marketplace aren't meeting users' needs. It's often in those gaps where companies can spot the best business opportunities

From there, ideation can begin, and is when companies start to leverage different techniques to come up with solutions to the problem

Participants (97) | Panelists (7) | Attendees (90)

Q Search

- A Aanchal
- AS Abdus Salam
- AS Abdus salam
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- AS Anshuman Singh
- AS anurag singh
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- AC Ashima Chand

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Sonu kumar | Dr. Mahendra Darokar | Dr. Indrani | Prof. Vijay Rani Rajpal | Lebin Thomas

CSIR Milestones through Innovative S&T Interventions

It is always when faced with adversity that India has blazed a trail

It is always when sanctions have been slapped on the country that we have soared beyond the bonds

A few heartwarming stories from the CSIR S&T endeavors

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Sonu kumar

Dr. Mahendra Darokar

Dr. Indrani

Prof. Vijay Rani Rajpal

Lebin Thomas

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The Indelible Ink


During general election, people wear a CSIR mark on their fingers

The Indelible ink used to mark the fingernail of a Voter during general elections is a time-tested gift of CSIR to the spirit of democracy

Developed in 1952, it was first produced in-campus

Subsequently, the industry has been manufacturing the Ink

It is also exported to Sri Lanka, Indonesia, Turkey and other democracies



Participants (96)

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