

➤ **What was the Inspiration behind taking up this Particular Subject for the Webinar?**

A project was submitted to CRDF global under the scheme of building networks among women to share best practices and experiences working in the nuclear security and non-proliferation sector. This would enable the grantee to expand her network and explore the options available for aspiring candidates in the nuclear sector.

➤ **Distinguished Guest Speakers Invited for the Event.**

1. Dr. Manpreet Sethi, Distinguished Fellow, Centre for Air Power Studies, New Delhi, [manpreetsethi@hotmail.com](mailto:manpreetsethi@hotmail.com)
2. Dr. Meera Venkatesh, Retired Director: Division of Physical and Chemical Sciences IAEA, Former Head-Radiopharmaceuticals Division, BARC, [prof.mvenkatesh@gmail.com](mailto:prof.mvenkatesh@gmail.com)
3. Prof. Vandana Nanal, Professor, Dept of Nuclear and Atomic physics, Tata Institute of Fundamental Research, [vnanal@gmail.com](mailto:vnanal@gmail.com)
4. Dr. Umasankari Kannan , Head Reactor Physics and Design Division, Bhabha Atomic Research Centre, Mumbai , [uma\\_k@barc.gov.in](mailto:uma_k@barc.gov.in)
5. Zoya Akhter, Research Associate, Nuclear Studies Group, Centre for Air Power Studies New Delhi, [zoyakhter@gmail.com](mailto:zoyakhter@gmail.com)
6. Dr. Kanica Rakhra, Munich Young Leader 2021, [Kanica.r@gmail.com](mailto:Kanica.r@gmail.com)
7. Dr. Tanvi Kulkarni, Policy Fellow, Asia Pacific Leadership Network, [tanvi.mailmehere@gmail.com](mailto:tanvi.mailmehere@gmail.com),
8. Dr. Silky Kaur Associate Fellow, Centre for Air Power Studies, [drsilkycour@gmail.com](mailto:drsilkycour@gmail.com)

They would be directly remunerated by CRDF global USD 70 each for their sessions. Their CVs have been attached with the mail for their educational qualification details.

➤ **What was the Criteria Considered for inviting the Various Individual Guests, Internal as well as External ?**

The guests are all women working in the nuclear sector.

➤ **Were the guests in advance and if yes, from what previous interaction? Were the guests Recommended by someone. If yes, who ?**

Some of the guests had visited AINST at various interactions and others were suggested by either Head AINST, Advisor AINST and guest speakers themselves as they had worked with them.

➤ **Who all attended the webinar? Also, if possible, give the numbers.**

The attendees comprised of students, researchers, and faculty from various institutions. The attendee list has been attached here. There were 59 and 41 attendees on 10<sup>th</sup> and 11<sup>th</sup> December 2021 respectively.

➤ **What were the ‘Take Homes’ for the Guests and the Attendees in the form of knowledge, facts, information etc.? Please give the Salient Novel Points Covered by the Guest Speakers, in Bullet Points Format.**

1. Nuclear security appears as a male preserve. Inclusion of women voices would bring in diversity this would bring richness in the national security aspects.
2. Major gender gap exists in the sector. (Think tank culture is quite recent, technical streams lack women participation due to lack of awareness, opportunities, and funds)

3. Interpretation and reading between lines important. Language competency and more literature is essential.
4. Women suffer from imposter syndrome which might be acting against them giving the best in any sector.
5. The opportunities are limited/restricted in this sector for women. Situation slowly improving although.
6. Lack of funds, income opportunities in nuclear security studies.
7. Since the outputs are intangible in the sector strong motivation and passion drives the researcher.
8. Women have an edge over men since they might be side earners. Better avenues and more passion to pursue their hearts despite less funding.
9. Metro cities having major opportunities for study, research, and jobs.
10. Women from all streams are working in the sector at various positions.
11. There are taboos associated with women workers (excess leave, having soft stands on issues of national importance)
12. Schemes are available at the national and international level to support suitable candidates.
13. Working in closely connect with the agencies handling sensitive matters gives better insight of the issues of national importance, Internships and industry connect is importance henceforth.
14. Lack of work ethics, empathy for coworkers hinderance for women workers.
15. For all women achievers: mentors and family support were crucial.
16. Lack of education opportunities in remote areas and non-metro cities.
17. Women face lack of support from family.

➤ **Has the Webinar been able to generate any Tangible Gains for the Faculty, Researchers and Students of Amity. If yes , what are these ?** This was planned to understand and highlight the challenges faced by women working in the nuclear sector. The following are the main findings/recommendations:

1. Research must be decentralized. Industry, government, and academia must work in conjunction for best outcomes in terms of policies and technology development.
2. Promote cross disciplinary research for better results/outcomes.
3. Develop /promote institutes of excellence in areas of nuclear safety, security, and policy. They are facing shortage of funds, its only passion which is presently ensuring good candidates pursue a career in the area under consideration.
4. Women at leadership positions may/to promote and provide equal opportunities to deserving candidates. Provide means of promotion, support for women to occupy leadership positions (giving due regards to their personal responsibilities).
5. Language competency /expertise is essential (international relations /studies), this might be a challenge in Indian subcontinent since we are multilingual. At times English is the third language.
6. Nuclear security and international relations must have experts coming from various backgrounds to bring in more richness to the subject. Opinions /recommendations from each sector will improve the techniques and policies both.
7. Aspects of nonproliferation and disarmament must have voices from either gender to ensure better handling of matters.

## Radiant Women: experience sharing forum

8. Forums like women in nuclear, Women scientists association, can promote and encourage many more women candidates to contribute for the sector.
9. Gender matters at younger age, later its professional passion and quality of work. Women must speak and bring their opinions to light.
10. Mentoring would augment present schemes in industry to give more confidence to women candidates.
11. Welfare schemes like childcare facilities (childcare Leave, flexi work timings, Creche etc.), can bring in more women to continue their careers in the nuclear sector.
12. Support from family, colleagues, friends, and society is of utmost importance.

➤ **What are the ‘Progressive Outcomes /Way Forward’ planned, based on the event of the webinar. Please give them pointwise, with timelines and names of the persons responsible for their execution.** We are working on the women in nuclear India chapter, and this would help us strengthen our initiative. As a board member this will help us build our organization. This would encourage more women candidates to pursue careers in this sector. This also gave some visibility to the institute and faculty. The speaker from BARC also expressed interest to visit AINST, this would be beneficial for our students and faculty.

➤ **Have we Followed-Up with the Guests to consider Various Collaborations such as Joint Research Papers and Publications; Joint Funded Projects; Student Internships and Placements; Participation in National/ International Seminars/ Conferences,/Workshops ; Student/Faculty Exchange Programmes ; Post Doctorate tie ups ; etc. etc.**

our students are already beneficiaries of various such initiatives. We have been sending them for internship and projects at their prestigious organizations and their work is being appreciated. Both Faculty and students have also been beneficiary of being able to participate in various seminars organized by organizations like Centre for Air power Studies, New Delhi.

➤ **What are the plans for utilizing the contacts developed with the Invited Guests, for future cooperation to meet the targets of ‘Mission: Connect’ and Mission: Synergy of Brains? Please give a roadmap with timelines.**

The speakers will be invited for expert interactions and guest lectures for subsequent semesters. This would bring in more internship and project opportunities for our students in not only technical aspects but also policy sector.

Recording Link: <https://youtu.be/xAVtYnNobc4> (10th December 2021)

Attendees:

Event Name	# Registered	# Attended	Event Date & Time
<u>Radiant Women: Experiences of women contributing to nuclear safety, security, and society.</u>	<u>67</u>	<u>59</u>	10 Dec 3:00PM - 5:00PM

Radiant Women: experience sharing forum

Sr. No	Name	Email Address	Join Time	Leave Time	Total Duration (Minutes)	Guest
1	Zoya Akhter	<a href="mailto:zoyakhter@gmail.com">zoyakhter@gmail.com</a>	10/12/2021 14:48	10/12/2021 16:12	84	Yes
2	Amity University	zoom1@amity.edu	10/12/2021 14:30	10/12/2021 17:38	189	No
3	Chetna Yadav	yadavchetna1994@gmail.com	10/12/2021 16:13	10/12/2021 17:02	49	Yes
4	Usha Yadav	ushasoniya13@gmail.com	10/12/2021 15:04	10/12/2021 15:11	8	Yes
5	Umasankari Kannan	<a href="mailto:umadishanka@gmail.com">umadishanka@gmail.com</a>	10/12/2021 15:00	10/12/2021 17:38	158	Yes
6	Unnati Gupta	ugupta@amity.edu	10/12/2021 16:18	10/12/2021 17:32	74	Yes
7	Tarushi Aggarwal	<a href="mailto:tarushiagggarwal24@gmail.com">tarushiagggarwal24@gmail.com</a>	10/12/2021 15:30	10/12/2021 16:28	58	Yes
8	Tanvi mailmehere	tanvi.mailmehere@gmail.com	10/12/2021 14:58	10/12/2021 17:38	161	Yes
9	Swagatika Bhoi	swagatikabhoi66@gmail.com	10/12/2021 15:23	10/12/2021 16:26	64	Yes
10	Sutanu Bhattacharya	sutanu.bhattacharyaaa@gmail.com	10/12/2021 15:01	10/12/2021 17:38	158	Yes
11	Surbhi Gaur	surbhigaur1938@gmail.com	10/12/2021 15:22	10/12/2021 17:38	137	Yes
12	Sunita Gupta	sunitagupta1823@gmail.com	10/12/2021 15:01	10/12/2021 17:38	158	Yes
13	Sudhakar Potluri	sudhakar_potluri@yahoo.com	10/12/2021 15:11	10/12/2021 16:18	67	Yes
14	R Sharma	sritik127@gmail.com	10/12/2021 17:30	10/12/2021 17:38	8	Yes
15	Renu Sharma	srenu3607@gmail.com	10/12/2021 15:24	10/12/2021 17:00	96	Yes
16	Sudatta Ray	sray@amity.edu	10/12/2021 15:01	10/12/2021 17:38	158	Yes
17	Suman Lata	slata9671@gmail.com	10/12/2021 15:29	10/12/2021 16:05	36	Yes
18	Sushil Chadda	skchadda12@gmail.com	10/12/2021 17:37	10/12/2021 17:38	2	Yes
19	Shubham Chaudhary	shubhamslash18@gmail.com	10/12/2021 17:17	10/12/2021 17:38	22	Yes
20	Shrikant Thorat	shrikantthorat1997@gmail.com	10/12/2021 15:41	10/12/2021 17:38	117	Yes

Radiant Women: experience sharing forum

21	Sonal Chauhan	schauhan1@amity.edu	10/12/2021 15:21	10/12/20 21 16:08	47	Yes
22	Ritu Sahrawat	ritusahrawat@gmail.com	10/12/2021 15:29	10/12/20 21 17:38	130	Yes
23	Rimpi Yadav	rimpikumari07@gmail.com	10/12/2021 15:09	10/12/20 21 15:39	30	Yes
24	Ritu Chhabra	rchhabra@amity.edu	10/12/2021 15:57	10/12/20 21 17:38	102	Yes
25	Ravi Patel	ravirjp2003@gmail.com	10/12/2021 15:03	10/12/20 21 15:25	22	Yes
26	Pooja Yadav	py604715@gmail.com	10/12/2021 15:06	10/12/20 21 15:10	4	Yes
27	Meera Venkatesh	prof.mvenkatesh@gmail.com	10/12/2021 14:47	10/12/20 21 17:38	172	Yes
28	Priya Gusain	priyagusain14@gmail.com	10/12/2021 15:01	10/12/20 21 17:38	158	Yes
29	Prithviraj Shinde	prithvirajshinde11@gmail.com	10/12/2021 15:12	10/12/20 21 15:13	2	Yes
30	Payal Nimwal	payalnimwal5@gmail.com	10/12/2021 15:50	10/12/20 21 15:51	2	Yes
31	Mamina Panigrahi	panigrahi.mamina@gmail.com	10/12/2021 15:32	10/12/20 21 16:58	86	Yes
32	Niranjana kundu	niranjanaakundu11@gmail.com	10/12/2021 16:42	10/12/20 21 16:52	11	Yes
33	Midhat Imteyaz	midhatimteyaz@gmail.com	10/12/2021 15:32	10/12/20 21 15:37	6	Yes
34	Mansi Gurnani	mgurnani1@amity.edu	10/12/2021 15:01	10/12/20 21 17:38	158	Yes
35	Manpreet Sethi	manpreetsethi@hotmail.com	10/12/2021 15:04	10/12/20 21 16:55	111	Yes
36	Krishna Kumar	kkatdae@gmail.com	10/12/2021 15:01	10/12/20 21 16:59	119	Yes
37	Kanica Rakhra	kanica.r@gmail.com	10/12/2021 15:05	10/12/20 21 17:36	152	Yes
38	Kamna Mamgain	kamnamamgain@gmail.com	10/12/2021 15:01	10/12/20 21 17:38	158	Yes
39	Jisha M R	jisha.chandni@gmail.com	10/12/2021 15:02	10/12/20 21 16:42	101	Yes
40	Jashandeep Singh	j78140@gmail.com	10/12/2021 15:16	10/12/20 21 15:56	40	Yes
41	Reetta sara George	greettasara@gmail.com	10/12/2021 15:01	10/12/20 21 15:51	51	Yes
42	Golda K S	goldaks@gmail.com	10/12/2021 15:04	10/12/20 21 17:05	121	Yes
43	Meena Goyal	glpskanina@gmail.com	10/12/2021 15:13	10/12/20 21 15:27	15	Yes

Radiant Women: experience sharing forum

44	Geetika Papreja	geetika.papreja@gmail.com	10/12/2021 15:13	10/12/20 21 16:14	61	Yes
45	Silky Kaur	drsilkykaur@gmail.com	10/12/2021 14:49	10/12/20 21 17:38	170	Yes
46	Deepika Choudhury	deepika.choudhury@iitpr.ac.in	10/12/2021 15:12	10/12/20 21 17:25	133	Yes
47	Deeksha Aashri	deekshaaashri1@gmail.com	10/12/2021 15:14	10/12/20 21 15:48	34	Yes
48	Mehak Chhabra	chhabra.mehak2001@gmail.com	10/12/2021 15:20	10/12/20 21 16:41	81	Yes
49	Bhoomika Maheshwari	bhoomika.physics@gmail.com	10/12/2021 15:01	10/12/20 21 17:04	124	Yes
50	BADAL	badalrajbijawat@gmail.com	10/12/2021 17:29	10/12/20 21 17:38	10	Yes
51	Archana Yadav	ayadav3@amity.edu	10/12/2021 14:37	10/12/20 21 17:38	181	Yes
52	Arunita Mukherjee	arunita.mukherjee7@gmail.com	10/12/2021 16:37	10/12/20 21 17:29	52	Yes
53	archana saxena	archanasaxena777@gmail.com	10/12/2021 15:08	10/12/20 21 15:16	8	Yes
54	Poonam Rani Rani	amitsinghyadav1987@gmail.com	10/12/2021 15:20	10/12/20 21 15:39	20	Yes
55	Prof. A.K. Jain	akjain1@amity.edu	10/12/2021 14:57	10/12/20 21 17:38	162	Yes
56	Dr. Alpana Goel	agoel1@amity.edu	10/12/2021 14:52	10/12/20 21 16:16	84	Yes
57	Arpita Datta	adatta@amity.edu	10/12/2021 15:01	10/12/20 21 16:56	116	Yes
58	Abhyuday Sharma	abhyudaysharma98@gmail.com	10/12/2021 16:29	10/12/20 21 16:32	4	Yes
59	Vikas Katoch	a9289267850@gmail.com	10/12/2021 15:22	10/12/20 21 16:50	88	Yes

Radiant Women: experience sharing forum

Meeting ID 864438585

49

Topic	<a href="#">Radiant Women: Experiences of women contributing to nuclear safety, security, and society.</a>
Speaker	0
Event Start Time	11/12/2021 14:30
Event End Time	11/12/2021 17:01
Event Duration	152 mnt
Dept/Inst	AUUP AINST
HOI/Moderator	Ms. Archana Yadav, Assistant Professor, Amity Institute of Nuclear Science & Technology, (Mob:- 95-400-18081)
Email	ayadav3@amity.edu
contact Number	95-400-18081

Event Name	# Registered	# Attended	Event Date & Time
<a href="#">Radiant Women: Experiences of women contributing to nuclear safety, security, and society.</a>	54	41	11 Dec 3:00PM - 5:00PM

Sr. No.	Name	Email Address	Join Time	Leave Time	Total Duration (Minutes)	Guest
1	Zoya Akhter	<a href="mailto:zoyakhter@gmail.com">zoyakhter@gmail.com</a>	11/12/2021 14:55	11/12/2021 16:59	124	Yes
2	Amity University	zoom1@amity.edu	11/12/2021 14:30	11/12/2021 17:01	152	No
3	Zeel Raval	znr6799@gmail.com	11/12/2021 16:14	11/12/2021 17:01	47	Yes
4	Chetna Yadav	yadavchetna1994@gmail.com	11/12/2021 15:03	11/12/2021 16:06	63	Yes
5	Ajay Verma	<a href="mailto:vermaajay71727@gmail.com">vermaajay71727@gmail.com</a>	11/12/2021 15:20	11/12/2021 16:08	48	Yes

Executant: Archana Yadav, Assistant Professor, Amity University Uttar Pradesh, Noida, India.

Radiant Women: experience sharing forum

6	Umasankari Kannan	umadishanka@gmail.com	11/12/2021 14:52	11/12/2021 16:59	127	Yes
7	Unnati Gupta	<a href="mailto:ugupta@amity.edu">ugupta@amity.edu</a>	11/12/2021 15:58	11/12/2021 17:01	63	Yes
8	Tanvi mailmehere	tanvi.mailmehere@gmail.com	11/12/2021 16:31	11/12/2021 16:59	29	Yes
9	Sutanu Bhattacharya	sutanu.bhattacharyaaa@gmail.com	11/12/2021 15:42	11/12/2021 15:47	6	Yes
10	Surbhi Gaur	surbhigaur1938@gmail.com	11/12/2021 15:05	11/12/2021 15:39	35	Yes
11	Sunita Gupta	sunitagupta1823@gmail.com	11/12/2021 15:05	11/12/2021 17:00	115	Yes
12	Sudatta Ray	sray@amity.edu	11/12/2021 15:06	11/12/2021 16:04	59	Yes
13	Sushil Chadda	skchadda12@gmail.com	11/12/2021 15:09	11/12/2021 16:55	106	Yes
14	Shubham Chaudhary	shubhamslash18@gmail.com	11/12/2021 15:42	11/12/2021 17:01	79	Yes
15	Shreedevi Padmanabha	shreedevip@amitydubai.ae	11/12/2021 15:10	11/12/2021 17:01	112	Yes
16	Sarthak Mehta	sarthakmehta3678@gmail.com	11/12/2021 16:30	11/12/2021 16:37	7	Yes
17	Ritu Sahrawat	ritusahrawat@gmail.com	11/12/2021 15:03	11/12/2021 17:01	118	Yes
18	Ritu Chhabra	rchhabra@amity.edu	11/12/2021 14:54	11/12/2021 17:01	128	Yes
19	Vaani Patel (1-A)	ravirjp2003@gmail.com	11/12/2021 15:07	11/12/2021 15:50	43	Yes
20	Rahul Negi	rahul16negi@gmail.com	11/12/2021 15:19	11/12/2021 15:23	4	Yes



Radiant Women: experience sharing forum

21	payal	payalnimwal5@gmail.com	11/12/2021 15:21	11/12/2021 15:22	1	Yes
22	Mamina Panigrahi	panigrahi.mamina@gmail.com	11/12/2021 15:25	11/12/2021 16:21	57	Yes
23	Amber Yácel	omer.yucel.1@outlook.com	11/12/2021 15:12	11/12/2021 15:25	13	Yes
24	Mansi Gurnani	mgurnani1@amity.edu	11/12/2021 15:10	11/12/2021 16:34	85	Yes
25	Karuna bisht	karunabisht762@gmail.com	11/12/2021 15:32	11/12/2021 17:01	89	Yes
26	Kanica Rakhra	kanica.r@gmail.com	11/12/2021 14:44	11/12/2021 15:58	74	Yes
27	Kamna Mamgain	kamnamamgain@gmail.com	11/12/2021 15:02	11/12/2021 17:01	120	Yes
28	Jashandeep Singh	j78140@gmail.com	11/12/2021 15:10	11/12/2021 16:19	69	Yes
29	Reetta sara George	greettasara@gmail.com	11/12/2021 15:40	11/12/2021 17:01	82	Yes
30	Geetika Papreja	geetika.papreja@gmail.com	11/12/2021 15:07	11/12/2021 15:18	11	Yes
31	GEETANSHU SINGH	geetanshusingh2251@gmail.com	11/12/2021 15:50	11/12/2021 16:18	29	Yes
32	Silky Kaur	drsilkykaur@gmail.com	11/12/2021 14:57	11/12/2021 16:59	122	Yes
33	dishagusain04@gmail.com	dishagusain04@gmail.com	11/12/2021 15:14	11/12/2021 15:28	14	Yes
34	Mehak Chhabra	chhabra.mehak2001@gmail.com	11/12/2021 15:23	11/12/2021 17:01	98	Yes
35	Bharat Jangra	bharatjangra119@gmail.com	11/12/2021 16:13	11/12/2021 16:38	26	Yes

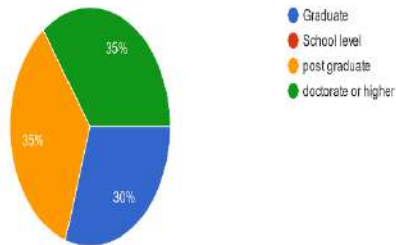
## Radiant Women: experience sharing forum

36	Archana Yadav	ayadav3@amity.edu	11/12/2021 14:34	11/12/2021 17:01	147	Yes
37	Anurag Sahrawat	anuragsahrawat298@gmail.com	11/12/2021 15:03	11/12/2021 17:01	118	Yes
38	Ankita Rao	ankitarao1312@gmail.com	11/12/2021 15:51	11/12/2021 17:01	70	Yes
39	Dr. Alpana Goel	agoel1@amity.edu	11/12/2021 14:56	11/12/2021 16:59	123	Yes
40	ABHISHEK YADAV	abhishekyadav117@gmail.com	11/12/2021 16:39	11/12/2021 16:51	13	Yes
41	Abhinav Yadav	abhinavyadav152@gmail.com	11/12/2021 15:04	11/12/2021 15:59	56	Yes

### Feedback analysis:

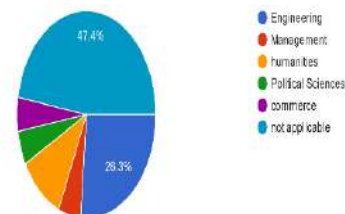
Please select your highest qualification

20 responses



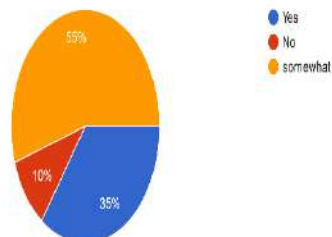
What is domain of your education ?

19 responses



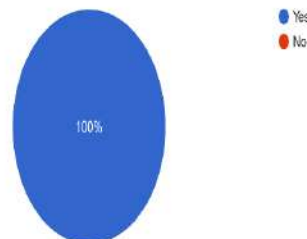
Are you aware of the options available in the nuclear industry?

20 responses



do you feel gender gap exists ?

12 responses

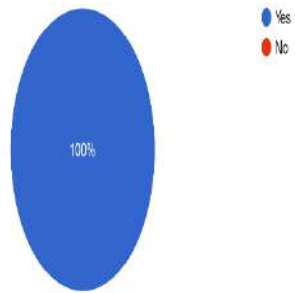


Executant: Archana Yadav, Assistant Professor, Amity University Uttar Pradesh, Noida, India.

## Radiant Women: experience sharing forum

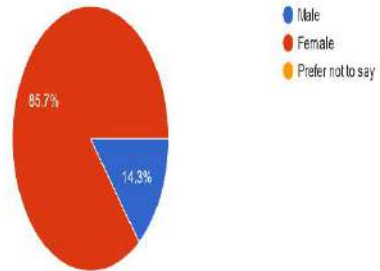
Did this webinar arouse your interest to pursue career in nuclear?

13 responses



Which group do you belong to ?

14 responses



### Other aspects:

was the time allocation sufficient?

12 responses

