



J.C. Bose University of Science and Technology, YMCA, Faridabad

(Established by Haryana State Legislative Act No. 21 of 2009 & Recognized by UGC Act 1956 u/s 22)

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ACTIVITY REPORT

Seminar on "Coordination Chemistry: A Versatile Tool for the Synthesis of Medicinally Important Targets"

1.	Name of Activity (Title)	Seminar on " Coordination Chemistry: A Versatile Tool for the Synthesis of Medicinally Important Targets"
2.	Type of Activity (FDP/Lecture/Technical/ conference etc.)	National Seminar (Virtual)
3.	Name of department/ Section/ cell conducting the activity	Department of Chemistry, J. C. Bose University of Science & Technology, YMCA, Faridabad in association with Central University of Haryana, Mahedragarh
4.	In coordination with (if any)	Under the aegis of Internal Quality Assurance Cell (IQAC)
5.	Date of conduct	29th October, 2021
6.	Name of Activity Coordinator (s)	J. C. Bose University of Science & Technology, YMCA, Faridabad Dr. Ravi Kumar (Associate Professor, Department of Chemistry), Dr. Sunil Kumar (Assistant Professor, Department of Chemistry), Dr. Bhawna Uttam (Assistant Professor, Department of Chemistry) Central University of Haryana, Mahedragarh Dr. Vinod Kumar (Chairperson, Department of Chemistry) Dr. Manoj Kumar Gupta (Assistant Professor, Department of Chemistry),
7.	Amount Spent	Nil
8.	Registration Fee for the Participants	Nil
9.	Funding Agency	J. C. Bose University of Science & Technology, YMCA, Faridabad
10.	Target audience	UG/PG Students, Ph.D. Research Scholars, Research Associates, Post-Doctoral Fellows and Faculty (National Level)
11.	No. of beneficiaries	One Hundred Twenty Four (124)
12.	Name of Guest Speakers	Dr. Amit Rajput (Assistant Professor) (J. C. Bose University of Science and Technology, YMCA, Faridabad)
13.	Any other information	Registration Link: https://forms.gle/fCVBkuGuLNBAHVep7 GoogleMeet Meeting Link: https://meet.google.com/vco-xnax-qtb
14.	Attach two/ three good quality photographs	Enclosed



J. C. BOSE University of Science and Technology, YMCA, Faridabad

**In Association With
Central University of Haryana, Mahendragarh**

**Seminar
on**

**Coordination Chemistry: A Versatile Tool for the Synthesis of Medicinally Important Targets
29th October, 2021**

**(Minute-to-Minute Details of Conference)
Oct 29, 2021**

Timings	Speaker	Topic of Lecture
9:30 AM	Dr. Sunil Kumar	Formal Welcome
9:32 AM	Dr. Manoj Kumar Gupta	About the University and Program
9:38 AM	Dr. Sunil Kumar	Introduction to Speaker
9.40-10:50 AM	Dr. Amit Rajput	Speaker
10:55 AM	Dr. Bhawna Uttam	Vote of Thanks

**Dr. Ravi Kumar
Dr. Manoj Kumar Gupta**
Conveners

**Dr. Sunil Kumar
Dr. Bhawna Uttam**
Organizing Secretaries



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PROGRAM BROCHURE



Department of Chemistry,
J. C. Bose University of Science & Technology, YMCA, Faridabad
In Association With
Department of Chemistry,
Central University of Haryana, Mahendragarh



PATRONS



Prof. Dinesh Kumar
Hon'ble Vice Chancellor
J. C. Bose UST, YMCA



Prof. Tankeshwar Kumar
Hon'ble Vice Chancellor
Central University of
Haryana

CO-PATRONS

Dr. Sunil Kumar Garg
Registrar
J. C. Bose UST, YMCA

Prof. Sarika Sharma
Registrar
Central University of
Haryana

PROGRAM ADVISORS

Prof. Ashutosh Dixit
Dean,
Faculty of Sciences
J.C. Bose UST, YMCA

Dr. Vinod Kumar
Dean, School of Basic
Sciences, Central
University of Haryana

CONVENERS

Dr. Ravi Kumar
Chairperson, Department
of Chemistry,
J. C. Bose UST, YMCA

Dr. Manoj Kumar Gupta
Department of Chemistry,
Central University of
Haryana

Organizing

A Seminar

on

**Coordination Chemistry: A Versatile Tool for the
Synthesis of Medicinally Important Targets**

29th October 2021 (9:30 AM Onwards)



EMINENT SPEAKER

Dr. Amit Rajput

Assistant Professor

Department of Chemistry

J. C. Bose UST YMCA, Faridabad

Registration Link: <https://forms.gle/fCVBkuGuLNBAHVeP7>
e-certificates for participants attending the session
Google Meet Link: <https://meet.google.com/vco-xnax-qtb>

Under the aegis of IQAC

ORGANIZING SECRETARIES

Dr. Sunil Kumar
Assistant Professor
Department of Chemistry
J.C. Bose UST, YMCA

Dr. Bhawna Uttam
Assistant Professor
Department of Chemistry
J.C. Bose UST, YMCA

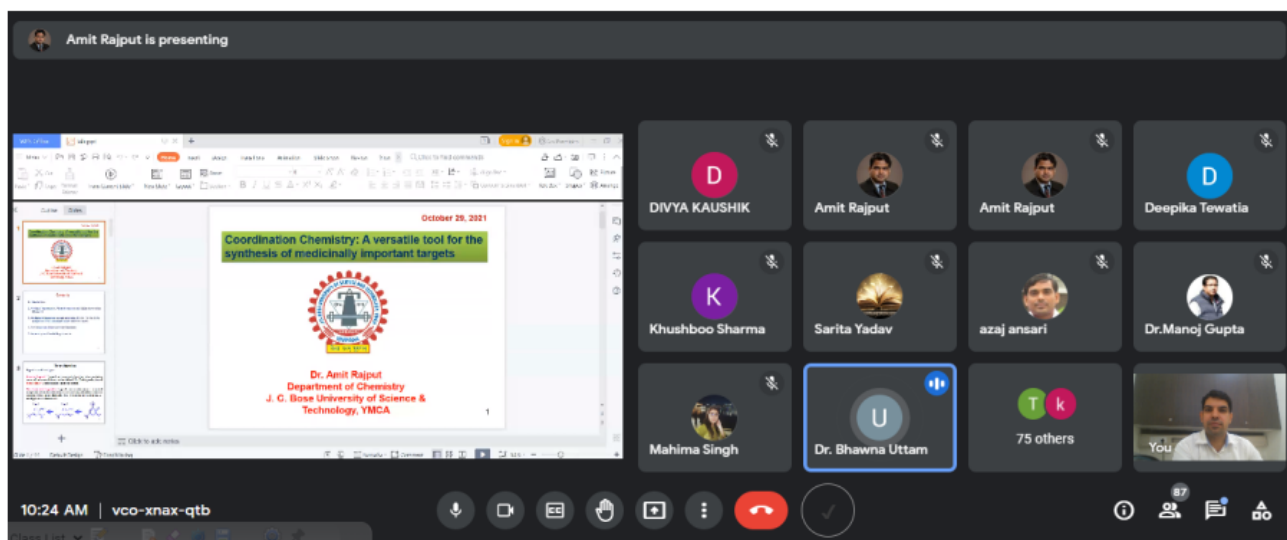
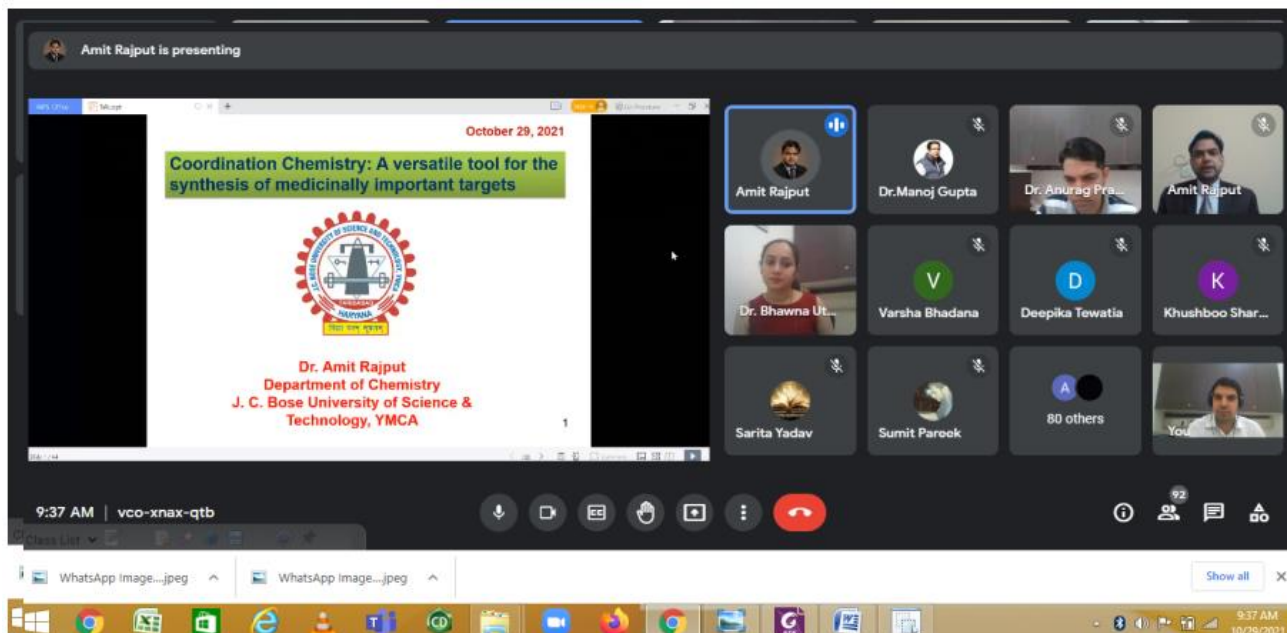
Ensuring Quality Higher Education is one of the Most Important Things We Can do for Future Generations



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PICTURES FROM WEBINAR

Inbox (20) - bhawn... | Flyer - bhawnautta... | Coordination Chem... | JC Bose University... | Meet - Coordin... | New Tab

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Amit Rajput is presenting

Polythene

- In 1933, a team of chemists at the chemical company ICI Wallerscotte plant near Northwich in Britain were working on polymers when an experiment went strangely wrong. The discovery of polythene is attributed to two scientists - **Eric Fawcett and Reginald Gibson**.
- It took five years for ICI to consistently reproduce the chemistry and, as ICI records reveal, the first item ever made from polythene was a 'cream-coloured walking stick.'
- Polythene was used as an insulating material for radar cables during World War II, and the substance was a closely guarded secret. Its availability gave Britain an advantage in long-distance air warfare, most significantly in the Battle of the Atlantic, against the German submarines.

80 million tonnes of polythene is produced every year for various applications, currently a major concern of environmental pollution.

41

10:21 AM | Coordination Chemistry: A versatile tool for ...

Type here to search

PICTURES FROM WEBINAR

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Amit Rajput is presenting

Haber-Bosch Process

Haber-Bosch process, is an industrial procedure for the synthesis of Ammonia and discovered by Fritz Haber and Carl Bosch.

$$\text{N}_2 + 3\text{H}_2 \rightleftharpoons 2\text{NH}_3 \quad \Delta H = -91.8 \text{ KJ/mol}$$

Fritz Haber

- The process converts atmospheric nitrogen N_2 to ammonia (NH_3) by a reaction with hydrogen (H_2) using a metal catalyst under high temperatures and pressures.
- This process is one of the most important discoveries in the history of human civilisation. The process has allowed agriculture to quadruple in efficiency – meaning there would be four times more farmland across the globe without it – and has been the force that has allowed for the growth of the human population over the last century.

39

10:20 AM | Coordination Chemistry: A versatile tool for ...

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PICTURES FROM WEBINAR

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meet.google.com/vco-xnax-qtb?authuser=3

Amit Rajput is presenting

Penicillin



Alexander Fleming discovered Penicillin in 1928

CC1(C)SC(=O)N2C(=O)N(C1=O)C2=O

Structure of Penicillin

- ❖ Penicillin (PCN) is a group of antibiotics, obtained from Penicillium; which includes penicillin G, penicillin V, procaine penicillin, and benzathine penicillin.
- ❖ Penicillin antibiotics were among the first medications to be effective against many bacterial diseases due to staphylococci and streptococci.

Alexander Fleming, Howard Florey and Ernst Boris Chain together won the Nobel Prize for their work on penicillin.

20001751003 AJAY KUMAR has left the meeting

10:20 AM | Coordination Chemistry: A versatile tool for ...

Type here to search

ENG 10:20 29-10-2021

PICTURE FROM WEBINAR



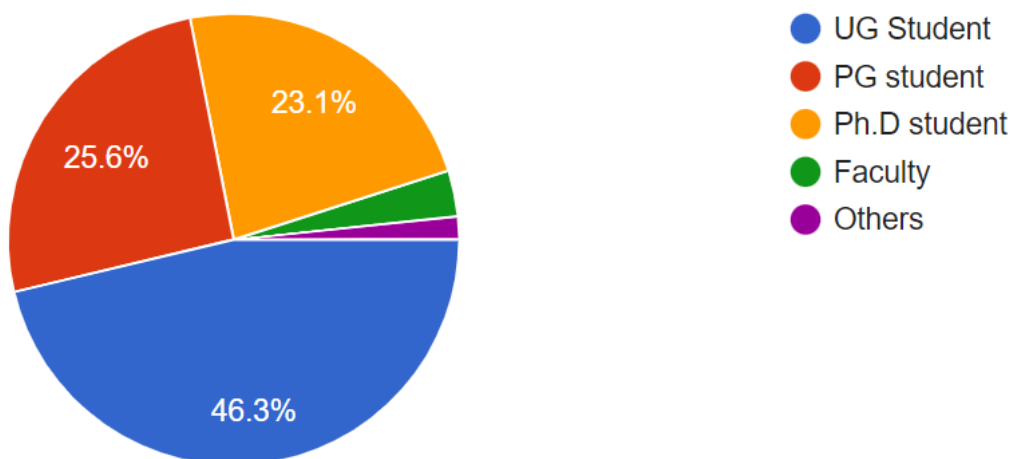
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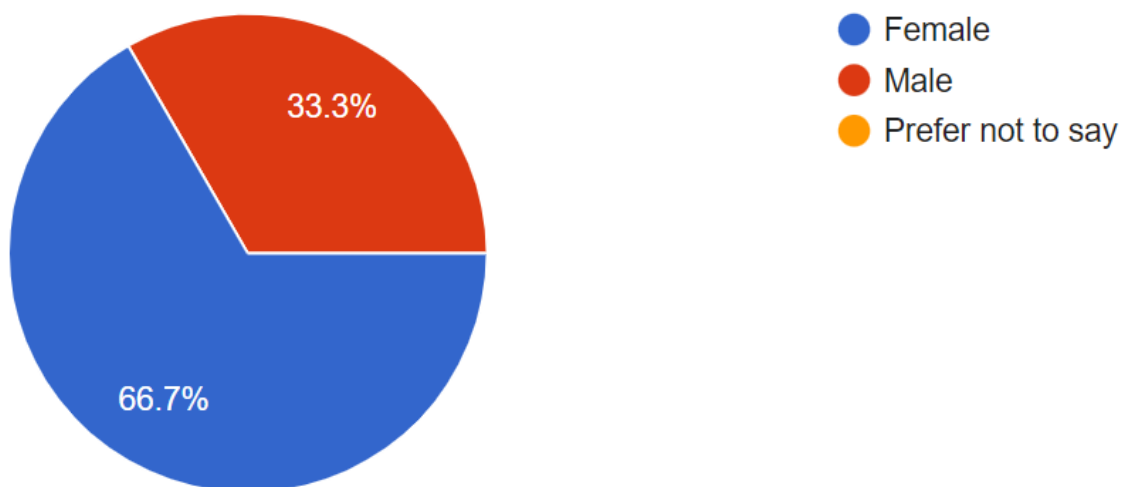
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Overall Feedback from Participants:

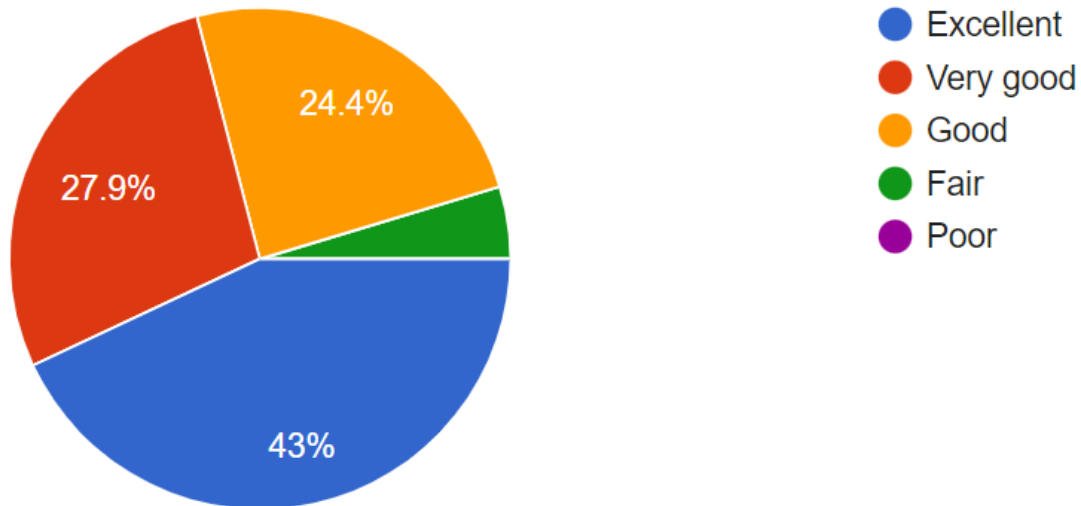
Category of Participants:



Gender



How you will rate the presentation and the audio quality



Comments by Participants:

- ❖ Fruitful session
- ❖ It was great experience
- ❖ Amazing
- ❖ It was interesting
- ❖ Achieve good experience to attend the seminar
- ❖ Effective
- ❖ Informative
- ❖ Very informative session.
- ❖ Excellent
- ❖ Excellent speakers, influent speech
- ❖ Wonderful session
- ❖ Very informative and motivating.
- ❖ It was a nice and great to have a talk with such a prominent speakers.
- ❖ Excellent step and reliance topic.
- ❖ Really well put together event and very informative.
- ❖ The seminar was informative as well as useful
- ❖ Knowledgeable talks.



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Certificate Format issued to Participants for the Seminar



A SEMINAR ON

**“COORDINATION CHEMISTRY: A VERSATILE TOOL FOR THE SYNTHESIS OF
MEDICINALLY IMPORTANT TARGETS”**

Organized by
J. C. Bose University of Science and Technology, YMCA, Faridabad
(Established by Haryana State Legislative Act No. 21 of 2009 & Recognized by UGC Act 1956 u/s 22)
In Association With
Central University of Haryana, Mahendragarh

CERTIFICATE OF PARTICIPATION

«NAME_OF_PARTICIPANT_»

This is certified that Prof/Dr/Mr/Ms/Mrs _____
of «AFFILIATION_ADDRESS_OF_THE_INSTITUTE» _____ has
actively participated in one day seminar on "Coordination Chemistry: A Versatile Tool for the Synthesis of Medically
Important Targets" conducted by Department of Chemistry, J. C. Bose University of Science and Technology, YMCA in
association with Department of Chemistry, Central University of Haryana, Mahendragarh on October 29, 2021.



J.C. Bose University of Science and Technology, YMCA, Faridabad

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Sr. No.	Name	Your Role	Organization	Nature of Participation
1	Mukhtar Ahmed	Ph.D student	Central University of Haryana	PARTICIPANT
2	Bhawna Swami	Ph.D student	Central University of Haryana	PARTICIPANT
3	Jyoti	Ph.D student	Central University of Haryana	PARTICIPANT
4	Akanshi Gupta	Ph.D student	JC Bose University of science and technology	PARTICIPANT
5	Nandita	UG Student	J.C BOSE UNIVERSITY OF SCIENCE AND TECHNOLOGY YMCA, FARIDABAD 121004	PARTICIPANT
6	Khwaish dagar	UG Student	J. C. Bose University of Science and Technology, YMCA, Faridabad-121006	PARTICIPANT
7	Bharti Chandila	UG Student	J. C. Bose University of Science and Technology, YMCA, Faridabad-121006	PARTICIPANT
8	DEEPIKA GUPTA	UG Student	Jc Bose University of science and technology ,ymca	PARTICIPANT
9	Sakshi Soni	Ph.D student	J. C. Bose University of Science & Technology, YMCA, Faridabad	PARTICIPANT
10	Rahul kathuria	UG Student	JC Bose university of science and technology	PARTICIPANT
11	Eqvinshi	Ph.D student	Central University of Haryana, Mahendergarh	PARTICIPANT
12	Aditya Gahlot	UG Student	JC Bose University of Science and Technology	PARTICIPANT
13	Shobha	UG Student	J. C. Bose University of Science and Technology, YMCA, Faridabad-121006	PARTICIPANT
14	Shubhanshi Kaushik	UG Student	J.C.Boss Institute of Science and Technology, YMCA Faridabad	PARTICIPANT
15	Sanjana Sharma	UG Student	J.C.Boss Institute of Science and Technology, YMCA Faridabad	PARTICIPANT

16	Divya	UG Student	J.C.Boss Institute of Science and Technology, YMCA Faridabad	PARTICIPANT
17	Vaishnavi Gupta	UG Student	J.C.Boss Institute of Science and Technology, YMCA Faridabad	PARTICIPANT
18	Madhu kumari	UG Student	J.C.boss University of Science and Technology, YMCA Faridabad 121006	PARTICIPANT
19	Sharol Sebastian	Ph.D student	Central University of Haryana	PARTICIPANT
20	Jaya Yadav	Ph.D student	Central University of Haryana	PARTICIPANT
21	Rajni	Ph.D student	Central University of Haryana	PARTICIPANT
22	Monika	Ph.D student	Central University of Haryana, Mahendergarh	PARTICIPANT
23	Agam	UG Student	J. C. Bose University of Science and Technology, YMCA, Faridabad-121006	PARTICIPANT
24	Tajwar Zehra	UG Student	J. C. Bose University of Science and Technology, YMCA, Faridabad-121006	PARTICIPANT
25	Sarita Kumari	Ph.D student	Central University of Haryana	PARTICIPANT
26	Neha	UG Student	JC Bose University of science and technology,ymca	PARTICIPANT
27	PRIYANSHU CHAUHAN	UG Student	JC Bose University	PARTICIPANT
28	Nikita Dagar	UG Student	J.C.Bose University of science and technology, YMCA, faridabad	PARTICIPANT
29	Varsha Bhadana	UG Student	JC Bose University ymca, faridabad	PARTICIPANT
30	Chander	Faculty	Aggarwal College Ballabgarh	PARTICIPANT
31	Sujata Negi	Ph.D student	Central university of Haryana	PARTICIPANT
32	Ankita Yadav	Ph.D student	Central university of Haryana	PARTICIPANT
33	Tina	UG Student	J. C. Bose University of science technology YMCA	PARTICIPANT
34	Pratima Kumari	Ph.D student	Central university Haryana	PARTICIPANT
35	Leeladhar	UG Student	J.C.Bose university of science and Technology ymca Faridabad	PARTICIPANT
36	Ronak jain	UG Student	JC Bose university of science and	PARTICIPANT

			technology, ymca	
37	Raj Kamal Chakrabarty	UG Student	J.C.Bose University of Science and Technology, YMCA Faridabad	PARTICIPANT
38	Shahin	UG Student	J. C. Bose University of Science and Technology, YMCA, Faridabad	PARTICIPANT
39	Aman kumar	Ph.D student	Central University of Haryana	PARTICIPANT
40	Isha	UG Student	J. C. Bose University of Science and Technology, YMCA, Faridabad	PARTICIPANT
41	Pragati yadav	Ph.D student	Central university of Haryana	PARTICIPANT
42	Tek chand	UG Student	J. C. Bose University of Science and Technology, YMCA, Faridabad	PARTICIPANT
43	Preety Yadav	Ph.D student	Central University of Haryana	PARTICIPANT
44	Ramesh Kumawat	PG student	Central University haryana	PARTICIPANT
45	Lavudya Santhosh	PG student	Central University of Haryana	PARTICIPANT
46	sarita Yadav	Ph.D student	Central University Haryana, Mahendergarh	PARTICIPANT
47	Anjali Angural	PG student	Central University of haryana	PARTICIPANT
48	Ankush kumar	PG student	Central University of Haryana	PARTICIPANT
49	YASVEER SINGH	PG student	Central University of Haryana	PARTICIPANT
50	Samiran Chakraborty	PG student	Central University of Haryana	PARTICIPANT
51	Yash kanaujia	PG student	Central University of Haryana	PARTICIPANT
52	Manbir	PG student	Central university of haryana	PARTICIPANT
53	Rimi	Ph.D student	J.C. Bose University of Science and Technology, YMCA, Faridabad	PARTICIPANT
54	SOURAV KUMAR SAMANTARAY	PG student	CENTRAL UNIVERSITY OF HARYANA	PARTICIPANT
55	Jitesh Sharma	UG Student	J. C. Bose University of Science and Technology, YMCA, Faridabad	PARTICIPANT
56	Bhavya Puri	PG student	Central University of Haryana	PARTICIPANT
57	Ekta	Ph.D student	Central University of Haryana	PARTICIPANT
58	Varsha	UG Student	J. C. Bose University of Science and	PARTICIPANT

			Technology, YMCA, Faridabad	
59	Yogesh Beniwal	UG Student	J. C. Bose University of Science and Technology, YMCA, Faridabad	PARTICIPANT
60	Arti	PG student	Central University of Haryana	PARTICIPANT
61	Muktiranjan Dalai	PG student	Central University of Haryana	PARTICIPANT
62	Dr. Azaj Ansari	Faculty	Central University of Haryana	PARTICIPANT
63	Manshu Choudhary	Ph.D student	Central University of Haryana	PARTICIPANT
64	Swati	PG student	Central University of Haryana	PARTICIPANT
65	Parijat Rarhi	PG student	Central University of Haryana	PARTICIPANT
66	Suzal	UG Student	J. C. Bose University of Science and Technology, YMCA, Faridabad - 121006	PARTICIPANT
67	Somya	UG Student	YMCA, Faridabad	PARTICIPANT
68	Dr. Vinay Kumar Shukla	Others	Indian Institute of Technology Kanpur	PARTICIPANT
69	Dr. Manoj Kumar Gupta	Faculty	Central University of Haryana	PARTICIPANT
70	Ria Gupta	UG Student	J. C. Bose University of Science and Technology, YMCA, Faridabad- 121006	PARTICIPANT
71	Manjeet Kumar	Ph.D student	Central University of Haryana	PARTICIPANT
72	Himanshi	UG Student	J.C Bose University of science and technology, YMCA	PARTICIPANT
73	Antim	Ph.D student	Central University of Haryana	PARTICIPANT
74	Anjali	UG Student	J.C Bose University of science and technology ,Y.M.C.A faridabad	PARTICIPANT
75	Akshay kumar	PG student	Central University of Haryana	PARTICIPANT
76	Tanu kaushik	UG Student	J. C. Bose University of Science and Technology, YMCA, Faridabad	PARTICIPANT
77	MADHU	PG student	Central University of haryana	PARTICIPANT
78	Tanvi Tanistha Singh	UG Student	J. C. Bose University of Science and Technology, YMCA, Faridabad- 121006	PARTICIPANT

79	Aasif khan	UG Student	J. C. Bose University of Science and Technology, YMCA, Faridabad	PARTICIPANT
80	Neha	UG Student	J. C. Bose University of Science and Technology, YMCA, Faridabad	PARTICIPANT
81	Oval Yadav	Ph.D student	Central University of Haryana	PARTICIPANT
82	Arpita	Ph.D student	J.C. Bose University of Science and Technology, YMCA	PARTICIPANT
83	Simran Rani	PG student	Jc bose University of science and technology	PARTICIPANT
84	Gautam	Others	J. C. Bose science and technology university YMCA	PARTICIPANT
85	sumit pareek	PG student	Central university of Haryana	PARTICIPANT
86	Soniya	UG Student	J. C. Bose University of Science and Technology, YMCA, Faridabad	PARTICIPANT
87	Monika	Ph.D student	J.C.Bose University of Science and Technology YMCA Faridabad	PARTICIPANT
88	Shweta	UG Student	J.C.Bose University Of Science and Technology, YMCA, Faridabad-121006	PARTICIPANT
89	Geeta malik	UG Student	J.C. Bose University of Science and Technology YMCA Faridabad	PARTICIPANT
90	Mahima Singh	PG student	Central University of Haryana	PARTICIPANT
91	Satya pandey	PG student	Central university of haryana	PARTICIPANT
92	Divya Gulihar	UG Student	J. C. Bose University of Science and Technology, YMCA, Faridabad-121006	PARTICIPANT
93	Deepak Yadav	Faculty	Central University of Haryana	PARTICIPANT
94	Komal adhana	UG Student	J.C. Bose University of Science and Technology YMCA Faridabad	PARTICIPANT
95	Monika	Ph.D student	Central University of Haryana	PARTICIPANT
96	Shivani vashisth	UG Student	JC Bose University of science and technology	PARTICIPANT
97	Monika	PG student	Jc bose university of science and technology	PARTICIPANT
98	Avnish rai	UG Student	J. C. Bose University of Science and Technology, YMCA, Faridabad-	PARTICIPANT

			121006	
99	Deepika	UG Student	Jc Bose university of science and technology ymca Faridabad	PARTICIPANT
100	Shivangi Das	PG student	JC Bose University of Science and Technology YMCA	PARTICIPANT
101	Shine khan	UG Student	JCBUST of science and technology	PARTICIPANT
102	Neetu	UG Student	J.C.Bose University of Science and Technology, YMCA, Faridabad	PARTICIPANT
103	Rohit Gautam	UG Student	J.C Bose University of science and technology ymca Faridabad	PARTICIPANT
104	Megha Bafna	UG Student	J. C. Bose University of Science and Technology	PARTICIPANT
105	Nisha mittal	UG Student	J. C. Bose University of Science and Technology, YMCA, Faridabad-121006	PARTICIPANT
106	Kanchan Tripathi	UG Student	J.C. Bose University of Science and Technology YMCA Faridabad	PARTICIPANT
107	Nand Krishan	UG Student	J. C. Bose University of Science and Technology	PARTICIPANT
108	Ajay Soni	PG student	J.C. Bose University of Science and Technology YMCA Faridabad	PARTICIPANT
109	Shagun Kapoor	UG Student	J.C. Bose University of Science and Technology YMCA Faridabad	PARTICIPANT
110	Rahul	PG student	J.C. Bose University of Science and Technology YMCA Faridabad	PARTICIPANT
111	Radha yadav	PG student	J.C Bose UNIVERSITY OF SCIENCE FARIDABAD	PARTICIPANT
112	Abhishek Verma	UG Student	J. C. Bose University of Science and Technology, YMCA, Faridabad-121006	PARTICIPANT
113	Vaishali Kandari	UG Student	J.C. Bose University of Science and Technology YMCA Faridabad	PARTICIPANT
114	Pooja Shekhawat	UG Student	J. C. Bose University of Science and Technology, YMCA College, fbd HR.	PARTICIPANT
115	priyanka	PG student	j.c bose university	PARTICIPANT
116	Preeti Kasana	Ph.D student	J.C. Bose University of Science and	PARTICIPANT

			Technology YMCA Faridabad	
117	Rinki	PG student	JC Bose University of science and technology	PARTICIPANT
118	Rajni Sharma	PG student	J. C. Bose University of Science and Technology, YMCA, Faridabad	PARTICIPANT
119	Himanshi	PG student	J. C. Bose University of Science and Technology, YMCA, Faridabad	PARTICIPANT
120	Vijaylaxmi	PG student	J. C. Bose University of Science and Technology, YMCA, Faridabad	PARTICIPANT
121	Tarun	PG student	J. C. Bose University of Science and Technology, YMCA, Faridabad	PARTICIPANT
122	DR. SUNIL KUMAR	ASSISTANT PROFESSOR	DEPARTMENT OF CHEMISTRY, J C BOSE UNIVERSITY OF SCIENCE AND TECHNOLOGY, YMCA, FARIDABAD	ORGANIZING SECRETARY
123	DR. BHAWNA UTTAM	ASSOCIATE PROFESSOR	DEPARTMENT OF CHEMISTRY, J C BOSE UNIVERSITY OF SCIENCE AND TECHNOLOGY, YMCA, FARIDABAD	ORGANIZING SECRETARY
124	DR. MANOJ KUMAR GUPTA	ASSISTANT PROFESSOR	DEPARTMENT OF CHEMISTRY, CENTRAL UNIVERSITY OF HARYANA, MAHENRAGARH	CONVENER
125	Dr. RAVI KUMAR	ASSOCIATE PROFESSOR	DEPARTMENT OF CHEMISTRY, J C BOSE UNIVERSITY OF SCIENCE AND TECHNOLOGY, YMCA, FARIDABAD	CONVENER