

## Workshop on Fermentation Technology & Bread Making Session

Department of Biotechnology, Microbiology, and Biomedical Engineering in association with SRM Institute of Hotel Management, has organized a “**One day Workshop on Fermentation Technology & Bread Making Session**” at SRM University Delhi-NCR Sonapat, Haryana on 10th April 2024.

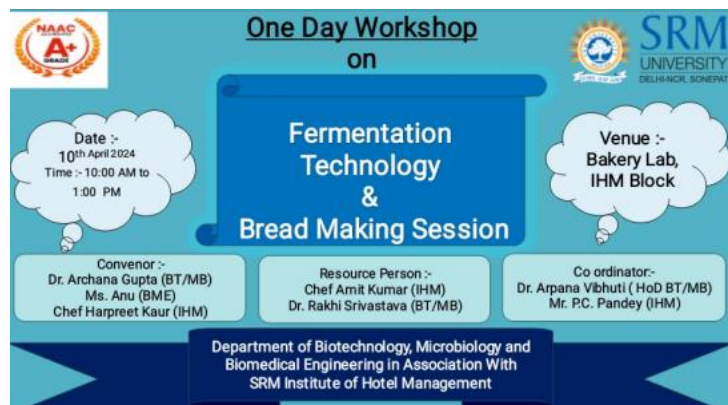
**Key Feature of the Session:** The role of Microorganisms in Food & Beverage Industries.

**Key Insights:** Fermentation is an anaerobic biological process of metabolism in which an organism converts a carbohydrate, such as starch or sugar, into alcohol or an acid. Microorganisms like yeast and bacteria usually play a role in the fermentation process, creating beer, wine, bread, kimchi, yogurt, and other foods. Yeasts are used in alcoholic fermentation to make bread. Yeast converts sugar to carbon dioxide and alcohol in the absence of oxygen, causing the dough to rise. The alcohol evaporates and the yeast is killed because of the heat from baking the bread.

**Students Learning:** Students of Biotechnology, Microbiology, Biomedical Engineering, Food Technology & Hotel Management eagerly participated, grabbing the opportunity to learn about fermentation technology through bread-making sessions. This interactive session not only fostered engagement but also empowered students with practical knowledge and a deeper understanding of industrial microbiology.

**Roles:** Overall scientific aspects of Fermentation and the importance of microbes in Industrial Microbiology were delivered by Professor V. Samuel Raj, Professor of Biotechnology & Microbiology & Dean Academics, SRMUH. Mr. Amit Kumar, Assistant Professor of Hotel Management played a crucial role in coordinating the event, ensuring smooth execution. Ms. Harpreet Kaur, Assistant Professor IHM helps in the demonstration & execution of Baking. Dr Rakhi Srivastava explained the science behind fermentation. Dr Archana Gupta and Ms Anu coordinated the event. The overall management of the workshop was done by Dr. Arpana Vibhuti, HoD Biotechnology & Microbiology, and Mr P.C. Pandey, IHM.

Thanks to the faculties for their careful guidance and to the management for the support given for the Workshop. Students from all the mentioned departments were able to participate, expand their knowledge, and improve their career prospects in Industrial Microbiology.







ATTENDENCE SHEET		
S. No.	Registration No.	Name
1	10922210012	RIYA
2	10922210005	SRISHTI GARG
3	10922210016	HIND SAAD
4	10922210013	POORAV SHARMA
5	10922210006	AMBALIKA GAUTAM
6	10922210017	MANSHA ALAGH
7	10922210002	KRRISH SARAF
8	10922210014	JALAJ TRIPATHI
9	10922210003	ANSH NAYYAR
10	10922210011	SHARAD PATEL
11	10922210008	DIKSHA BATRA
12	10922210001	KRISHNA DEO UPADHYAY
13	10922210010	PARVEZ SAIFI
14	10922210007	RIYA DAHIYA
15	10922210009	ARNAV ARNAV
16	10922210015	SID AHMED DIYA
17	10923210009	KHUSHI GUPTA
18	10923210020	DHRUVE DAHIYA
19	10923210016	VANSHIKA JAIN
20	10923210012	ADITYA RAJ
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25	10923210007	VEDANT MAHESH GARTHE
26	10923210004	ABHIJEET VERMA
27	10923210014	PRISHA BHARDWAJ
28	10923210011	MANIKA KAKKAR
29	10923210001	MONALIKA
30	10923210019	MITALI BHARDWAJ
31	10923210013	RIYAN ZUBAIR
32	10923210002	VIPUL TRIPATHI
33	10923210006	JIYA VERMA
34	10923210005	GARV SAXENA

## Healthy Lungs, Healthy Lives: Community Pulmonary Function Test Outreach Program

Department of Biotechnology, Microbiology, and Biomedical Engineering in association with PR Institute of Medical Science & Research (PRIMSR) Hospital has organized a community outreach program “**Healthy Lungs, Healthy Lives: Community Pulmonary Function Test Outreach Program**” at PRIMSR Hospital and Biotechnology Lab, SRM University Delhi-NCR, Sonapat, Haryana.

**Key Feature:** Pulmonary function test to check the capacity of the lungs.

**Key Insights:** Lungs are one of the vital organs of the body. When the body is exposed to environmental pollution, dust, smoking, and other allergic substances its capacity for inhalation, exhalation, and gaseous exchange is affected which leads to lung damage and lung diseases ultimately. This community program aims to educate people who are exposed to pollution, dust, and smoke to do lung function tests regularly. They have been encouraged to do the lung test through a spirometer.

**Community:** People who are exposed to pollutants, dust, allergens, and smoke. Students of Biotechnology, Microbiology, and Biomedical Engineering also became aware.

**Roles:** Overall healthcare and awareness aspects for lung diseases were demonstrated by Dr Poornima Sheba, Senior Physician & Medical Doctor of PRIMSR hospital. Dr Arpana Vibhuti, HoD Biotechnology was demonstrating and ensuring the smooth execution of the event. Ms. Bhumika, Ph.D. scholar, in Biotechnology helps in the execution of Spirometry and lung function tests. Dr Anjali Priyadarshini and Dr Archana Gupta coordinated the event. The overall management of the community outreach program was done by Dr Poornima Sheba and Dr Arpana Vibhuti.

Thanks to the management for the support given for the outreach program for the betterment of the community. Students from the mentioned departments participated and gained knowledge on how to keep our lungs healthy.





# PRIMSR

PR Institute of Medical Sciences &  
Research

## HEALTHY LUNGS, HEALTHY LIVES: COMMUNITY PFT OUTREACH PROGRAM

### PULMONARY FUNCTION TEST



On  
12 April, 2024  
10 am to 4 pm

*Securing the health of different generations*

**Convener:**  
Dr Anjali Priyadarshini (BT/MB/BME)  
Dr Archana Gupta (BT/MB)

**Coordinator:**  
Dr Poornima Sheba (PRIMSR)  
Dr Arpana Vibhuti (HoD BT/MB)

### Ways to Keep Lungs Healthy





ATTENDENCE SHEET		
S. No.	Registration No.	Name
1	10923210018	JATIN
2	10923210008	ALVIA FATIMA
3	10923210010	GUNGUN BHATIA
4	10923210015	ADHYA SRIVASTAVA
5	10923210007	VEDANT MAHESH GARTHE
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13	10923210006	JIYA VERMA
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29	10922210009	ARNAV ARNAV
30	10922210015	SID AHMED DIYA
31	10923210009	KHUSHI GUPTA
32	10923210020	DHRUVE DAHIYA
33	10923210016	VANSHIKA JAIN

## **EVENT REPORT**

### **World Immunology Day- 2024 (29-30<sup>th</sup> April, 2024)**

Every year on April 29, World Immunology Day is celebrated. This year, the celebration of World Immunology Day was organized, by the Department of Biomedical Engineering, Biotechnology and Microbiology, SRM University, Delhi-NCR, Sonapat. This event was graced by the presence of Prof. GP Talwar , Director Research at the Talwar Research Foundation, a Scientific and Industrial Research Organization (SIRO) recognized by DSIR, Govt of India. He was Professor & Head Biochemistry, All India Institute of Medical Sciences New Delhi 1965-83, Jawaharlal Nehru Fellow 1979-81, Scholar-in Residence National Institutes of Health Bethesda 1982-86, and Founder Director, National Institute of Immunology 1983-94, besides Wellcome Professor Johns Hopkin Baltimore 1995 and Professor of Eminence International Centre of Genetic Engineering & Biotechnology 1994-99.

Four competitions were organized for the students: essay writing, poster, oral presentation, and quiz. The themes for various competitions were

- i. Poster: Immunology
- ii. Essay writing: Vaccination related
- iii. Oral presentation: Vaccination myths spread by social media
- iv. Quiz: General immunology

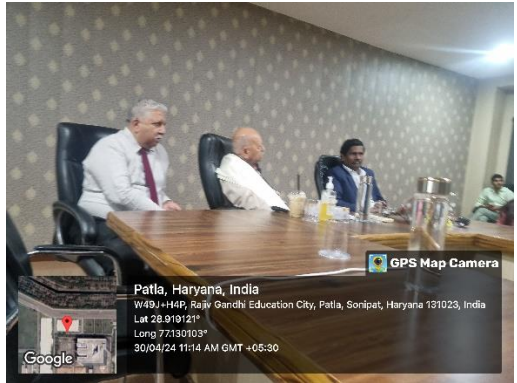
A total of 58 students participated in all four events from the Department of Biomedical Engineering, Biotechnology, Microbiology and Political Science. The participants received certificates of participation. Furthermore, the top three performers for each event received medals and certificates.

Dr. Anjali Priyadarshini (HoD-BME) and Dr Arpana Vibhuti (HoD- Biotechnology) were the coordinator of the event. Dr. Vandana, Dr. Manoj Kumar Yadav, Dr. Shikha Suman, Dr. Poonam Khalsa, Ms Anu, Dr Archana Gupta, Dr Rashmi Ambasta, Dr Pratibha Gaur and Dr Rakhi Srivastava were members of organizing committee.

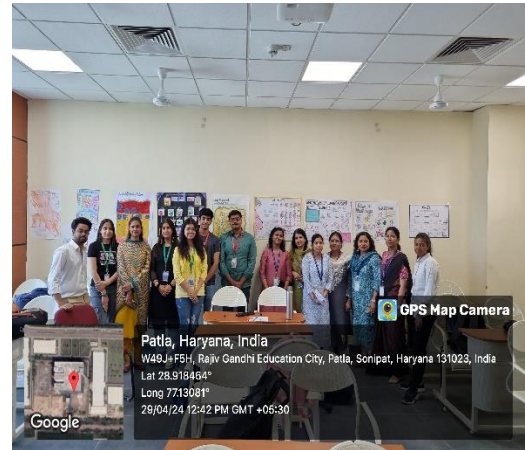
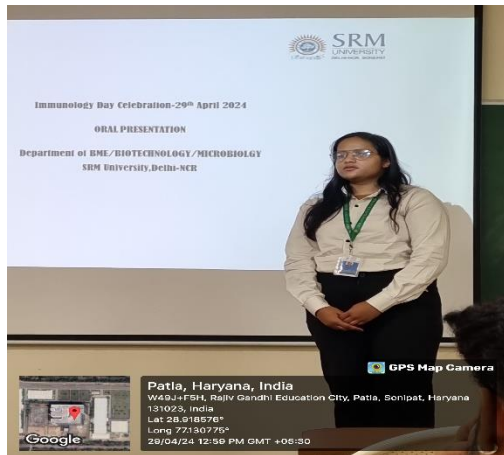
Overall, World Immunology Day serves as a platform to emphasize the critical role of immunology in safeguarding public health and encourage individuals to prioritize vaccination and immunization as essential components of disease prevention strategies. This event was a testimony of this and we hope to continue to spread the awareness through such activities.

The photographs of the events are attached herewith.

Thank you



## Award Ceremony



## Events

ATTENDENCE SHEET		
S. No.	Registration No.	Name
1	10921210007	HARSH JHA
2	10921210001	ANANYA SHARMA
3	10921210002	ANJU
4	10921210003	PRATISHTHA DAS
5	10921210006	MANISH SHARMA
6	10921210008	ANIKET PAUL
7	10921210005	ALLEN SAJI GEORGE
8	10921210004	DIYA KUMARI
9	10922210012	RIYA
10	10922210005	SRISHTI GARG
11	10922210016	HIND SAAD
12	10922210013	POORAV SHARMA
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42	10923210005	GARV SAXENA

## **Two Days Hands-On Training and Workshop on UV-Visible Spectroscopy, ATR FTIR, and Real-Time PCR**

**Organizer:** Department of Biomedical Engineering, Biotechnology and Microbiology

**Sponsors:**

Lab India (3 K)

Biorad (4 K)

**Event Overview:**

The hands-on training and workshop on UV-visible spectroscopy and ATR FTIR was conducted on 16th May 2024, followed by a workshop on Real-Time PCR on 17th May 2024. These events were designed to provide practical experience and in-depth understanding of advanced analytical techniques to the participants.

**Resource Persons:**

UV-Visible Spectroscopy and ATR FTIR:

Dr. Vandana

Mr. Nitish

Mr. Sachin Chug

Real-Time PCR:

Dr. Arpana Vibhuti

Dr. Durgesh

**Participants: (Around 70 Participants)**

The training was attended by faculties and students from various departments including Biomedical Engineering, Biotechnology, and Microbiology at SRMUH. Additionally, students from the Department of Chemistry (SRMUH) and eight students from DCRUST, Murthal also participated in the event.

**Day 1: UV-Visible Spectroscopy and ATR FTIR (16th May 2024)**

The first day of the workshop focused on UV-visible spectroscopy and ATR FTIR techniques in two batches. Mr. Nitish and Mr. Sachin Chug from Lab India, and Dr. Vandana (SRMUH) led the sessions. The day began with an introduction to the principles and applications of UV-visible spectroscopy, followed by a hands-on session where participants were able to operate the spectrophotometers and analyze sample data.

In the afternoon, the focus shifted to ATR FTIR. The resource persons explained the working principles, sample preparation, and the interpretation of IR spectra. Participants were given the opportunity to perform their own measurements and gain practical experience with ATR FTIR instruments.

**Day 2: Real-Time PCR (17th May 2024)**

The second day was dedicated to Real-Time PCR technology, conducted by Dr. Durgesh from Biorad and Dr. Arpana Vibhuti (SRMUH). The session began with a theoretical overview of PCR principles, their applications in various fields, and the advancements in real-time PCR technology.

Following the theoretical session, participants engaged in a hands-on training session. Dr. Durgesh demonstrated the setup and running of real-time PCR experiments, including sample preparation, cycling parameters, and data analysis. Participants had the chance to perform real-time PCR assays, enhancing their understanding of this powerful technique.

**Conclusion:**

The two-day event was highly informative and provided valuable practical experience to all participants. The hands-on sessions were particularly appreciated, allowing students and faculty members to directly engage with the advanced analytical instruments.

The successful completion of this workshop underscores the importance of such practical training sessions in enhancing the skill sets of future scientists and researchers. We extend our heartfelt thanks to SRM University Delhi-NCR Sonipat, resource persons, sponsors, and all participants for making this event a grand success.

ATTENDENCE SHEET		
S. No.	Registration No.	Name
1	40521210013	NITU .
2	40521210011	NANCY .
3	40521210003	NIDHI
4	40521210005	NICKY KUMARI SINGH
5	40521210006	NANDITA DOHERE
6	40521210002	KOMAL SEHRAWAT
7	40521210010	DEEPIKA GUPTA
8	40521210001	NEHA
9	40521210007	NIKKI
10	40521210008	SHEETAL DUHAN
11	40521210014	SHREYA
12	40521210012	ANKITA
13	40521210004	MAHESH
14	40521210009	ANJALI KUMARI
15	40522210004	SIMRAN
16	40522210001	SAKSHI
17	40522210003	ADITI SINGH
18	40522210007	NIKITA MALIK
19	40522210009	SWATI .
20	40522210008	SHEETAL
21	40522210010	SHRUTI CHAURASIA
22	40522210006	PAYAL
23	40522210002	LEENA JINDAL
24	40522210005	DIKSHA

## Event Report

Industrial visit to Yakult Danone India Pvt. Ltd.

Date : 21<sup>st</sup> May 2024 (10:15 am)

Location: Industrial area, Sonipat, Haryana

The industrial visit to Yakult Danone India Pvt. Ltd. (Industrial area, Sonipat, Haryana) was organised by the Department of Biotechnology, Microbiology & Biomedical Engineering on 21.05.2024 to bridge the gap between theoretical knowledge and real-world application enhancing students' understanding of manufacturing of products & its applications.

Participants: 33 students from M.Sc. Biotechnology, Microbiology, and Biomedical Engineering accompanied by 3 faculty members (Dr. Pratibha Gaur, Dr. Rakhi Srivastava, and Ms. Anu).

Yakult Danone India Pvt. Ltd. is the best probiotic drink available in the market. Their latest technology and using lactobacillus as a good bacterium for the preparation of Yakult products. It has two types : Yakult (with red lids) and Yakult light (with blue lids). Yakult Light has 50 % less sugar than the other one.

During our visit to Yakult Danone, the staff graciously welcomed everyone with warmth. This industry involves the whole manufacturing process from inoculum to the final product. Ms Sanya, our tour guide, started the factory visit by briefing the manufacturing unit and the precautions one should take care of during the visit. She has shown the students four important components of the unit:-

1. Seed Room: - It involves the lactobacillus bacteria as an inoculum for the initial starting culture.
2. Fermentation Room/Culturing Room:- It involves the large culturing by fermentation process in industrial fermenters.

3. Quality Control Room : All the scientist check the product quality by checking PH, taste and several other biochemical test. Once the product is checked in the quality control room, it moves to the last part of the manufacturing unit.
4. Packaging Room :- It is the final room where packaging of the Yakult product packed in small plastic bottles and labelled with logo and sealed in various size of packs.

After showcasing the complete manufacturing unit where our students interacted with Ms Sanya profoundly. Next, we move to the presentation room to understand the benefits of this probiotic drink. The presentation was interesting and very informative for our students which ends with their commercial. Our students also got a chance to taste Yakult and Yakult light.

This industry also provides internships/employment opportunities for SRM students.

The photographs of the events are attached:-





ATTENDENCE SHEET		
S. No.	Registration No.	Name
1	40521210014	SHREYA
2	40521210012	ANKITA
3	40521210004	MAHESH
4	40521210009	ANJALI KUMARI
5	40522210004	SIMRAN
6	40522210001	SAKSHI
7	40522210003	ADITI SINGH
8	40522210007	NIKITA MALIK
9	40522210009	SWATI .
10	40522210008	SHEETAL
11	40522210010	SHRUTI CHAURASIA
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13	40522210002	LEENA JINDAL
14	40521210013	NITU .
15	40521210011	NANCY .
16	40521210003	NIDHI
17	40521210005	NICKY KUMARI SINGH
18	40521210006	NANDITA DOHERE
19	40521210002	KOMAL SEHRAWAT
20	40521210010	DEEPIKA GUPTA
21	40521210001	NEHA
22	40521210007	NIKKI
23	40521210008	SHEETAL DUHAN

**Event Details:**

Date: May 22, 2024

Speaker: Mr. Nabendu Das, General Manager of South Asia, CENTOGENE

Venue: Mini Conference Room

**Introduction:**

The guest lecture titled "Opportunities for Biomedical Engineers," delivered by Mr. Nabendu Das, General Manager of South Asia at CENTOGENE, was held on May 22, 2024. The event was attended by faculty members and students from the biomedical engineering department.

**Summary of the Seminar:** Mr. Nabendu Das commenced his presentation by highlighting the rapidly evolving landscape of biomedical engineering and its critical role in modern healthcare. He provided a comprehensive overview of the current trends, advancements, and opportunities in the field, emphasizing the interdisciplinary nature of biomedical engineering and its applications.

**Key Points Covered:**

**Industry Insights:** Mr. Das discussed the latest technological advancements in biomedical engineering, including innovations in medical imaging, prosthetics, and biomedical devices. He provided an overview of emerging fields such as bioinformatics, genomics, and personalized medicine, and their impact on healthcare.

**Career Opportunities:** The seminar shed light on various career paths available to biomedical engineers, ranging from research and development to clinical applications and regulatory affairs. Mr. Das emphasized the importance of interdisciplinary collaboration and continuous learning to stay ahead in this dynamic field.

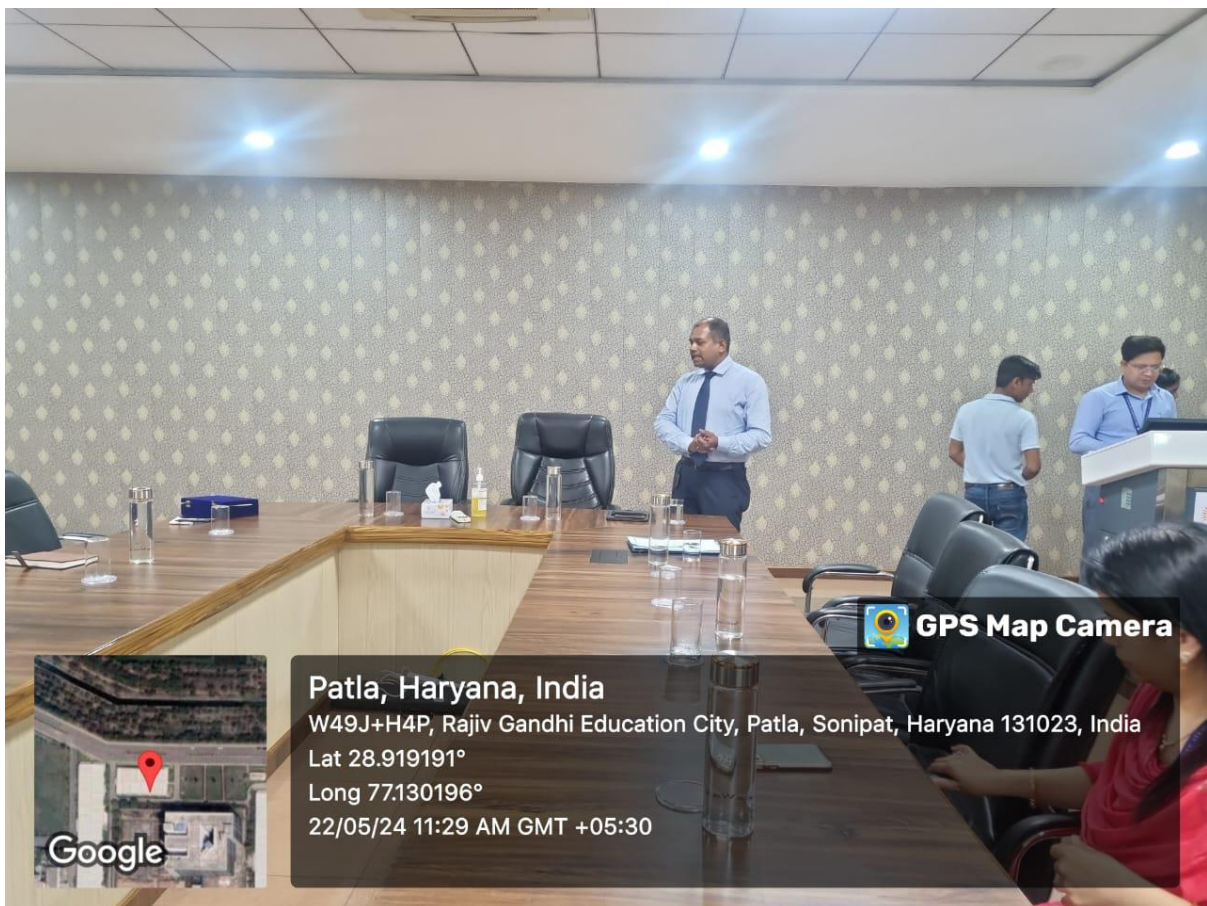
**Real-World Applications:** Mr. Das shared real-world examples of biomedical engineering projects and their successful implementation in improving patient care and outcomes. He highlighted CENTOGENE and its role in rare disease diagnostics and the application of cutting-edge technologies to advance medical research.

**Skills and Competencies:** Mr. Das encouraged students to seek internships, engage in research projects, and participate in professional networks to enhance their career prospects. **Interactive Session:** Following the presentation, an interactive Q&A session was held, where students and faculty members had the opportunity to engage with Mr. Das. The questions ranged from specific technical inquiries to advice on career development and industry trends. Mr. Das's responses were insightful and provided practical guidance to the attendees.

**Conclusion:** The seminar concluded with a vote of thanks, expressing gratitude to Mr. Nabendu Das for his enlightening presentation and valuable insights. The Dean of Academics, and Registrar Prof. (Dr.) V. Samuel Raj felicitates Mr. Das. Dr. Anjali Priyadarshini, HOD Biomedical Engineering reiterated the importance of such seminars in bridging the gap between academia and industry.

**Feedback:** The seminar received positive feedback from both students and faculty members.

Attendees found the session highly informative and motivating, with many expressing a renewed interest in exploring various facets of biomedical engineering.





ATTENDENCE SHEET		
S. No.	Registration No.	Name
1	10923210001	MONALIKA
2	10923210019	MITALI BHARDWAJ
3	10923210013	RIYAN ZUBAIR
4	10923210002	VIPUL TRIPATHI
5	10923210006	JIYA VERMA
6	10923210005	GARV SAXENA
7	10922210012	RIYA
8	10922210005	SRISHTI GARG
9	10922210016	HIND SAAD
10	10922210013	POORAV SHARMA
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25	10923210015	ADHYA SRIVASTAVA
26	10923210007	VEDANT MAHESH GARTHE
27	10923210004	ABHIJEET VERMA
28	10923210014	PRISHA BHARDWAJ
29	10923210011	MANIKA KAKKAR

## **EVENT REPORT**

### **World Earth Day- 2024 (on 26<sup>th</sup> April, 2024)**

Every year on April 22, people around the world celebrate World Earth Day to draw attention to the state of the globe and to emphasize how important it is to conserve the environment and the Earth. This year, the celebration of World Earth Day was organized on the campus of SRM University, Delhi-NCR, Sonapat, by the Department of Chemistry.

Four competitions were organized for the students: essay writing, poster, rangoli, and quiz. The theme of poster and rangoli competitions was the Earth; the topics for essays were (i) The Future Earth and (ii) The Impact of Industrialization on Earth. The quiz questions were related to Earth and the environment.

A total of 56 students participated in all four events. Event-wise, in Quiz, Poster, and Essay Writing, Rangoli 30, 25, 22, and 6 students participated, respectively, from the Department of Chemistry, Food Tech, BME, Management, Law, Political Science, and CSE. The participants received certificates of participation. Furthermore, the top three performers received monetary prizes.

Dr. Avinash Singh was the coordinator of the event. Dr. Naresh Kumar, Dr. Prashant Kumar, Dr. Ritika Nagpal, Dr. Deepak Mishra, Dr. Surita Basu, and Miss Pooja were the members of the organizing committee and judges of the various events. Dr. Ajit Kumar, Head, Department of Chemistry, was the Chairman of the organizing committee.

The photographs of the events are attached herewith.

Regards!!



Students Participating in Quiz Competition



Judges Evaluating Poster-1



Judges Evaluating Poster-2



Students Participating in Essay Writing Competition



Judges Evaluating Rangoli Competition



Students Participating in Poster Making Competition







Prize Distribution-1



Prize Distribution-2



Prize Distribution-3



Prize Distribution-4



Prize Distribution-5



Group Photo

ATTENDENCE SHEET		
S. No.	Registration No.	Name
1	42722210002	HARSHITA BISHT
2	42722210004	NISHA
3	42722210008	KUMUD CHOUDHARY
4	40122210009	AAYUSHI GOEL
5	40122210010	DEEPIKA SAINI
6	40122210007	DEEPANSHI BATRA
7	40122210001	PINKI
8	40122210008	RAHUL BHUTANI
9	42721210001	SNEHA CHATURVEDI
10	40121210002	MITALY
11	40121210003	ISHIKA BANSAL
12	40121210004	KASHIKA
13	40121210001	RAKSHITA ARORA
14	42722210007	POOJA
15	42722210003	RITIKA
16	42722210001	PRERNA

## **EVENT REPORT**

### **One Day Workshop On: Manufacturing Herbal-Based Cosmetics**

**Date: 3<sup>rd</sup> May, 2024 (11:00 to 04:00 PM)**

**Location: Chemistry Laboratory, Engineering Block G-09**

A one-day workshop on manufacturing herbal-based cosmetics was organized by the Department of Chemistry, SRM University, Delhi-NCR, Sonapat, on May 3, 2024. A total of 34 students participated in the event from various departments, including chemistry, computer science and engineering, and biomedical engineering. The event aimed to provide students with valuable insights and practical knowledge about the manufacturing process of herbal cosmetics.

### **Workshop Sessions:**

#### **1. Introduction to Herbal Cosmetics:**

The event commenced with an engaging discussion by Ms. Nisha Chopra, an expert in the field of herbal cosmetics. She emphasized the growing demand for natural and organic cosmetic products and highlighted the increasing demand for natural and plant-based cosmetic products. Participants gained insights into the benefits of using herbal ingredients and the importance of sustainable manufacturing practices.

#### **2. Selecting Herbal Ingredients:**

This session focused on the selection and sourcing of herbal ingredients for cosmetic formulations. Participants learned about various herbs, their properties, and their specific benefits for skincare. They also gained knowledge about identifying and procuring high-quality herbal ingredients.

#### **3. Herbal Product Formulation and Manufacturing:**

**(Herbal Face Serum; Aloe Vera Gel Moisturizer; Herbal Hand Wash, and Herbal Shampoo)**

The formulation development session delved into the process of creating effective herbal cosmetic products. Participants learned about the different types of formulations and gained insights into ingredient compatibility, emulsification techniques, and formulation adjustments to achieve

desired product characteristics. Participants engaged in hands-on exercises related to manufacturing techniques.

**Conclusion:**

The Manufacturing Herbal Cosmetics workshop provided participants with a comprehensive understanding of the manufacturing process of herbal cosmetics. Through informative sessions and hands-on activities, participants gained practical knowledge about ingredient selection, formulation development and manufacturing techniques, quality control, and packaging considerations. The workshop fostered a collaborative learning environment, allowing participants to interact with industry experts and fellow enthusiasts. It provided a platform for sharing experiences, addressing challenges, and exploring innovative approaches in the manufacturing of herbal cosmetics. The event provided ample networking opportunities for attendees to connect with industry professionals and peers.

Dr. Ritika Nagpal and Dr. Naresh Kumar were the coordinators of the event. Dr. Avinash Singh, Dr. Prashant Kumar, Dr. Sandeep Sharma, Dr. Deepak Mishra, Dr. Surita Basu, and Miss Pooja were the members of the organizing committee. Dr. Ajit Kumar, Head, Department of Chemistry, was the Chairman of the organizing committee.

The photographs of the events are attached herewith.

Regards!!







ATTENDENCE SHEET		
S. No.	Registration No.	Name
1	42721210001	SNEHA CHATURVEDI
2	40121210002	MITALY
3	40121210003	ISHIKA BANSAL
4	40121210004	KASHIKA
5	40121210001	RAKSHITA ARORA
6	42722210007	POOJA
7	42722210003	RITIKA
8	42722210001	PRERNA
9	42722210006	AARTI SAROHA
10	42722210005	RAVJOT SINGH BAGGA
11	42722210002	HARSHITA BISHT
12	42722210004	NISHA
13	42722210008	KUMUD CHOUDHARY
14	40122210009	AAYUSHI GOEL
15	40122210010	DEEPIKA SAINI
16	40122210007	DEEPANSHI BATRA
17	40122210001	PINKI
18	40122210008	RAHUL BHUTANI

## **EVENT REPORT**

**One-Day Seminar On: Project writing skills and funding opportunities in DRDO**

**Date: 22<sup>nd</sup> May, 2024 (11:00 AM onwards)**

**Venue: 5<sup>th</sup> Floor Conference Room Engineering Block**

### **Objectives of the Event:**

1. To enhance participants' skills in writing effective project proposals.
2. To provide insights into available funding opportunities within DRDO.
3. To facilitate networking among researchers and project managers.

### **Keynote Speakers:**

1. Shri. S.P. Mishra, (Associate Director and Head, ER & IPR DRDO)
2. Dr. M. K. Pandey (Additional Director ER & IPR DRDO)
3. Shri Abhisar Hudda, (Assistant Director ER & IR DRDO)

### **Event Highlights:**

A one-day seminar on “**Project writing skills and funding opportunities in DRDO**” was organized by the Department of Chemistry, SRM University, Delhi-NCR, Sonapat, on May 22<sup>nd</sup>, 2024. A total of 30 participant participated in the event from various departments. The seminar was started by welcoming followed by facilitation of Shri. S.P. Mishra, Dr. M. K. Pandey & Shri Abhisar Hudda by the Registrar and Dean Academics Affairs Prof. (Dr.) V. Samuel Raj sir.

The seminar on Project Writing Skills and Funding Opportunities in DRDO successfully met its objectives by enhancing participants' proposal writing skills and providing valuable information on funding opportunities. The seminar was conducted in two session: Shri. S.P. Mishra start the first session with an inspiring address on the strategic importance of well-crafted project proposals for securing funding and advancing research. He also explain the thrust areas and different funding opportunity in DRDO through Directorate of ER & IPR. In the second session Dr. M.K Pandey explain the fundamentals of technical writing, emphasizing the importance of clarity, structure, and coherence in project proposals to take a grant from DRDO.

**Conclusion:**

The seminar conclude with vote of thanks by Dr. Ajit Kumar Head of Department Chemistry. This event successfully met its objectives by enhancing participants' proposal writing skills and providing valuable information on funding opportunities. The event received positive feedback for its practical approach and networking opportunities. It also provide a platform for sharing experiences, addressing current challenges and exploring innovative ideas in project writing.

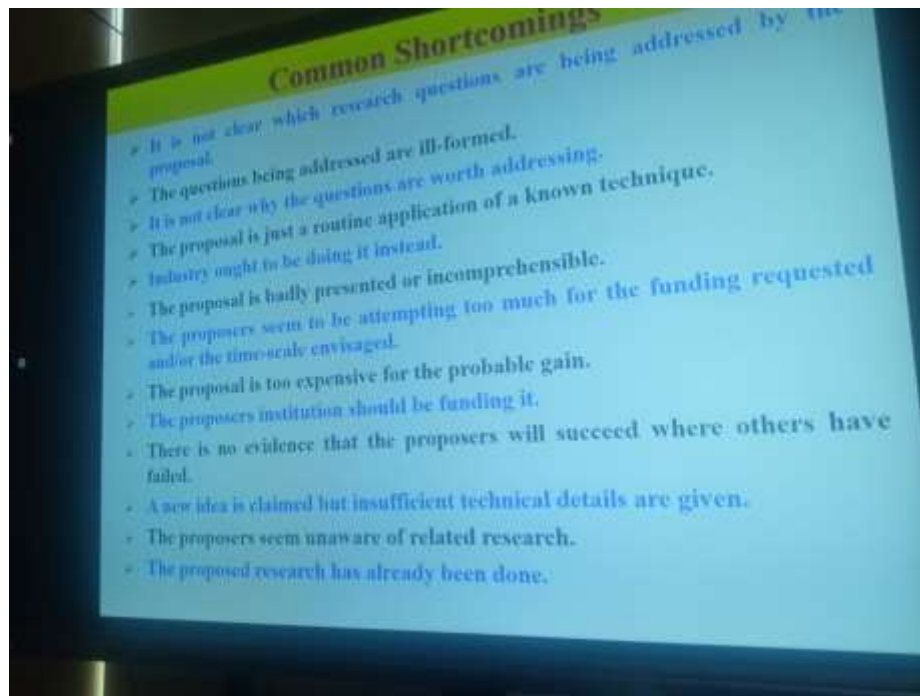
Dr. Prashant Kumar and Dr. Deepak Mishra were the coordinators o the event. Dr. Avinash Singh, Dr. Ritika Nagpal, Dr. Sandeep Sharma, Dr. Surita Basu and Miss Pooja were the members of organizing committee. Dr. Ajit Kumar, HOD Chemistry was the convener of the event.

The photograph of the event are attached herewith.

Regards









ATTENDENCE SHEET		
S. No.	Registration No.	Name
1	42721210004	CHHAVI
2	42721210006	SAKSHI KUMARI
3	42721210008	KAJAL CHAUHAN
4	42721210009	NIKITA KUMARI
5	42721210003	NEHA
6	42721210005	NEHA
7	42721210010	YASH ARORA
8	42721210001	SNEHA CHATURVEDI
9	40121210002	MITALY
10	40121210003	ISHIKA BANSAL
11	40121210004	KASHIKA
12	40121210001	RAKSHITA ARORA
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15	42722210001	PRERNA
16	42722210006	AARTI SAROHA
17	42722210005	RAVJOT SINGH BAGGA
18	42722210002	HARSHITA BISHT

# REPORT

## Workshop on HTML/CSS

The workshop on HTML/CSS has been organised by **Department of Computer Science and Engineering and WEBYES club** on 4th and 5th April 2024 and serves as an invaluable platform for attendees to delve into the fundamental building blocks of web development. Hosted amidst an atmosphere of collaboration and learning, the workshop aimed to equip participants with essential skills in crafting visually appealing and functionally robust web pages. Over the course of two days, attendees were immersed in practical exercises, guided tutorials, and insightful discussions, fostering a deeper understanding of HTML and CSS principles. This report summarizes the main takeaways, observations, and reflections from the enriching experience that the participants shared, shedding light on the significance of HTML and CSS in contemporary web development.

## Team Information

- Convenor- Prof (Dr.) Puneet Goswami (HoD CSE)
- Faculty Coordinator- Dr Seema Kharb and Ms. Kanika Pahwa
- Mentor - Ujjwal Balaji and Rahul Kanwar
- Aryan Singh- Lead
- Sajal Batra- Co-Lead
- Deepak- Tech Lead
- Bhavuk- Design Lead
- Praneel- Social Media & Outreach Lead
- Volunteer- Harshil Sharma and Akkshan Khanna

## Registration & Selection Process

The registration and selection process for the workshop conducted through Luma platform proved to be a seamless and efficient experience. With a total of 150+ eager participants registering for the event, the response exceeded expectations, highlighting the enthusiasm and interest in the subject matter.

Utilizing a "first come first serve" approach, 42 participants were chosen from the pool of registrants. This method ensured fairness and transparency in the selection process, allowing those who registered early to secure their spots in the workshop. The promptness of registration played a crucial role in determining participation due to the limited capacity of the event.

Organizers were able to manage registrations effortlessly, track participant data, and streamline communication throughout the process. This not only facilitated a smooth registration experience but also enabled efficient coordination and logistics planning for the workshop.

## Inauguration

The inauguration of the workshop has been scheduled on 4th April 2024, in Conference Hall, 5th Floor Engineering Block. The esteemed presence of important dignitaries from the engineering faculty made the workshop's inauguration ceremony a momentous occasion. Among the distinguished guests were the Dean of Engineering and Technology, Prof. (Dr.) Ranjit Roy, the Head of the Department of CSE, Prof.(Dr.) Puneet Goswami, and a panel of esteemed faculty members, whose collective expertise and guidance added gravitas to the event.

The ceremony commenced with an address from the Dean E&T, whose inspiring words set the tone for the workshop, emphasizing the significance of continuous learning and innovation in the field of engineering. Following this, the HoD (CSE) extended a warm welcome to all participants, expressing enthusiasm for the educational journey ahead.

The panel of faculty members, representing diverse areas of expertise, shared insights and encouragement, underscoring the importance of practical skills acquisition and collaborative learning. Their presence served as a testament to the institution's commitment to fostering excellence in education and research.

The inauguration ceremony not only marked the official commencement of the workshop but also served as a platform for networking and exchange of ideas among participants, faculty, and guests. It set a positive and energizing atmosphere for the days ahead, promising a fruitful and enriching experience for all involved.





## Day Wise Event Details

### Day 1: Immersion into HTML and CSS Basics (4th April 2024)

Day 1 of the workshop was dedicated to mastering the basics of HTML and CSS, the building blocks of web development. Participants immersed themselves in hands-on sessions, learning the structure and syntax of HTML, and mastering essential tags for creating well-structured web pages.

Transitioning to CSS, attendees explored its power in styling web content, from basic concepts to advanced techniques like selectors and inheritance. Through real-time practice and experimentation, they gained confidence in manipulating HTML and CSS to create visually appealing web pages.

The day concluded with participants reflecting on their progress, armed with newfound skills and excitement for the journey ahead in becoming proficient web developers.





## Day 2: Portfolio Development (5th April 2024)

Day 2 of the workshop saw participants put their HTML and CSS skills into action by creating personal portfolios in real-time. Attendees created and developed their portfolios from scratch under the direction of the instructors, putting an emphasis on layout, color schemes, typography, and interactive elements to effectively showcase their skills.

Collaborative discussions and feedback sessions fostered an environment of learning, enabling participants to troubleshoot challenges and inspire one another. As the day concluded, attendees left with polished portfolios and a newfound confidence in their ability to apply HTML and CSS to real-world projects.

The winner of the portfolio activities are :

1. Ankit Sangwan (11023210122)
2. Abhishek Singh (11023210089)
3. Vanshika Jain (11023210127)
4. Abhilash Sharma (11023210122)
5. Aryan Jha (10323210052)



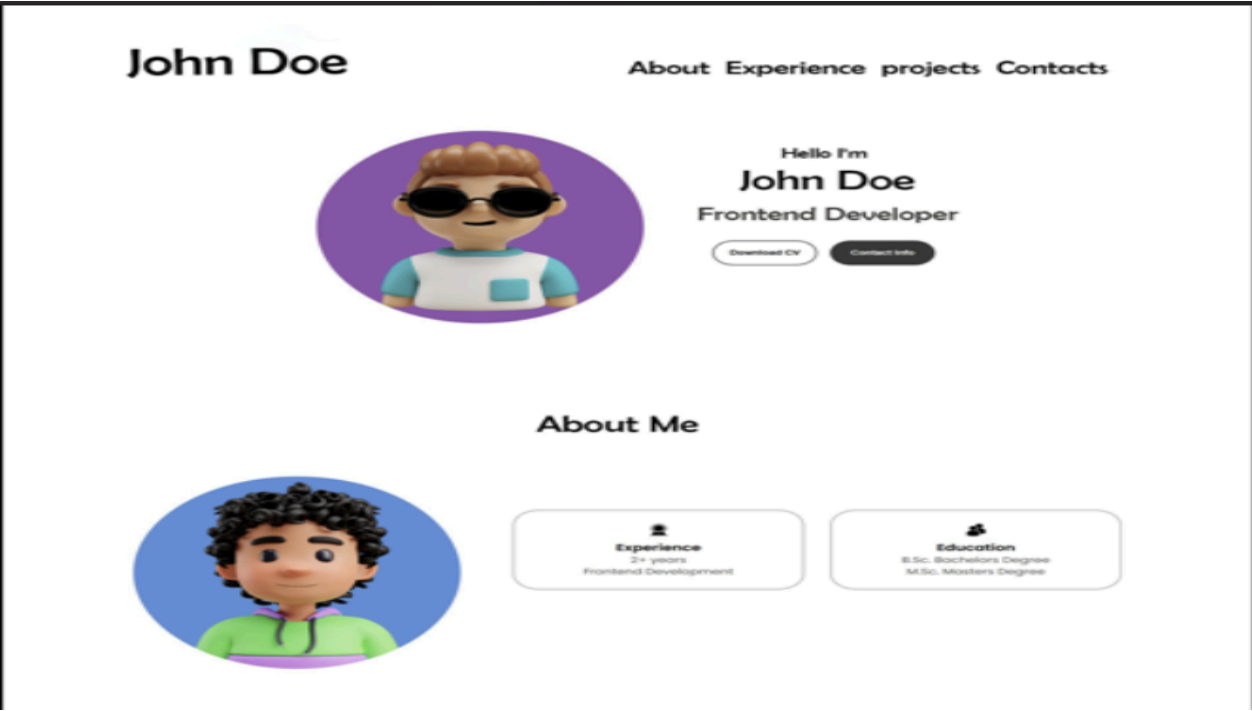
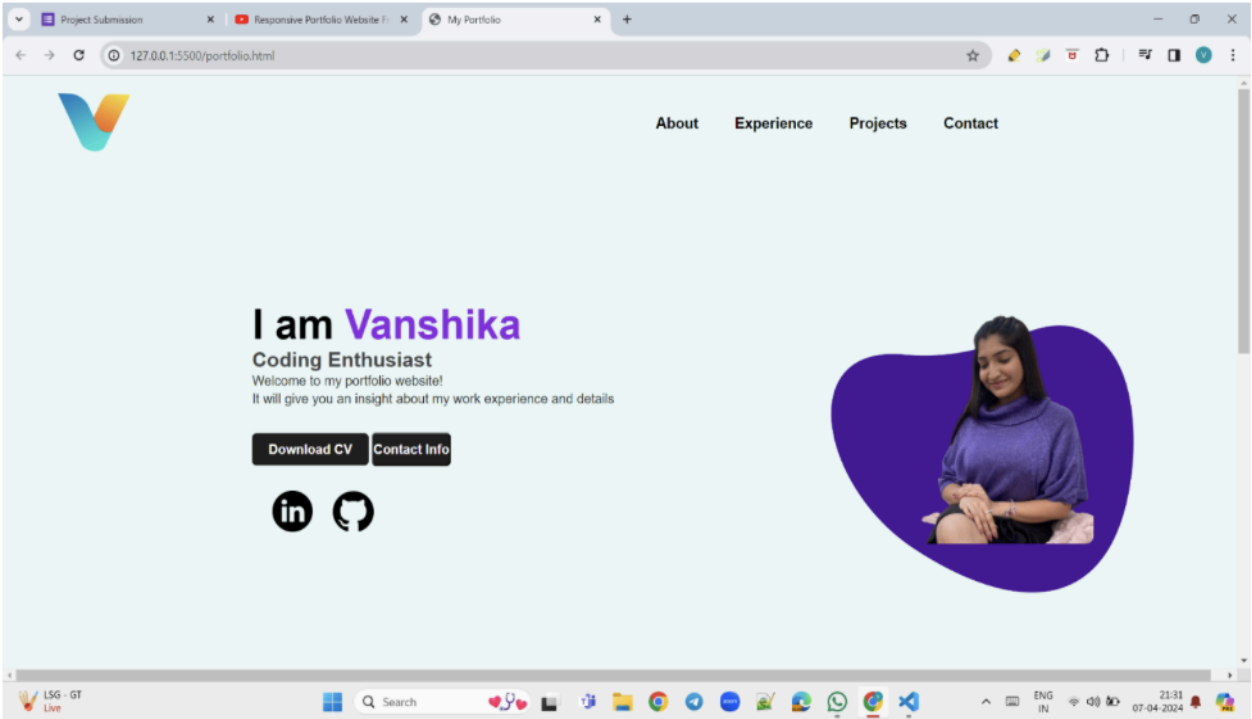
## Conclusion

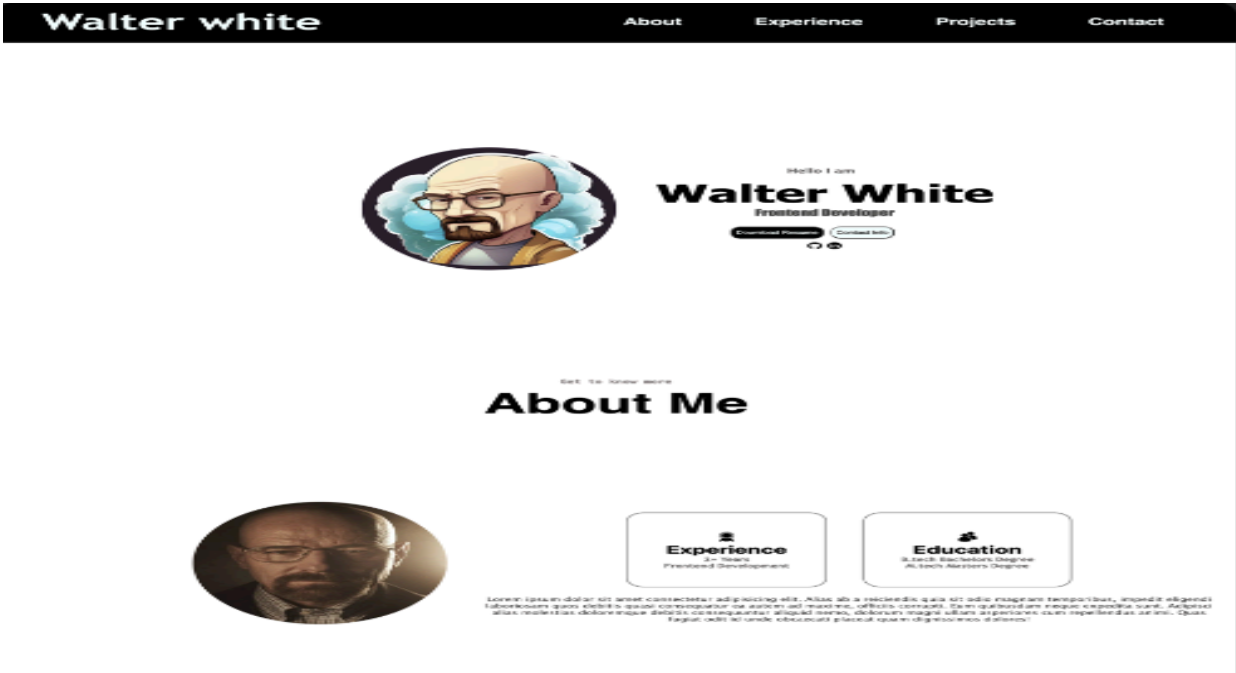
The workshop journey, spanning two immersive days, epitomized the fusion of learning, creativity, and collaboration in the realm of web development. From unraveling the intricacies of HTML and CSS fundamentals to crafting personalized portfolios brimming with individual flair, participants embarked on a transformative learning experience.

Through hands-on exercises, real-time applications, and interactive discussions, attendees not only gained proficiency in essential web technologies but also cultivated a deeper understanding of design principles and best practices.

As participants departed with newfound skills and confidence, the impact of the workshop resonated beyond the confines of the event, promising to fuel continued growth and innovation in the field of web development. The success of the workshop serves as a testament to the power of experiential learning and collaborative endeavors in shaping the next generation of digital creators and innovators.

Winning Portfolio Samples.





## Brochure



**SRM**  
UNIVERSITY  
DELHI-NCR, SONEPAT



NAAC  
**A+**

Department of  
**Computer Science &  
ENGINEERING**



**Webytes**



# WORKSHOP ON HTML & CSS



**4th and 5th April 2024**



**SCAN TO REGISTER**

**CONTACT US :-**

**UJJWAL BALAJI** +91 9643962032  
(MENTOR)

(CONVENOR)

**PROF (DR.) PUNEET  
GOSWAMI**

(FACULTY CO-ORDINATOR)

**DR. SEEMA KHARB  
MS. KANIKA PAHWA**

## Feedback

The feedback collected from participants serves as a valuable compass, guiding future iterations of the workshop. Participants appreciated the workshop's hands-on approach and real-time application of concepts, finding it highly engaging and conducive to learning. Overall, the feedback underscores the workshop's success in delivering valuable learning experiences while also providing constructive insights for refining and enhancing future iterations.

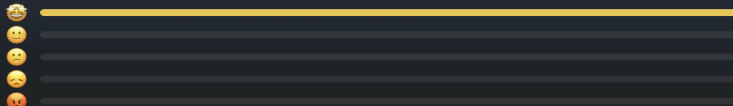
### Workshop on HTML and CSS

OverviewGuestsRegistrationEmailsInsightsMore

Event Page ↗

5.0

29 ratings




[View Breakdown](#)

[Download](#)

#### 21 Feedback

Aayush Agarwal


5/5 · Apr 5



It was an awesome experience. Enjoyed learning with the mentor and the core team. Looking forward for having more opportunities to learn from them.

Raghav Kumar


5/5 · Apr 5



GREAT WORKSHOP HAD A WONDERFUL EXPERIENCE

Abhishek Singh


5/5 · Apr 5



Quite an informative and precise learning experience... Really enjoyed the senior student's company . Webytes team was responsive and attentive to our needs . Looking forward to next workshop

Shanti


5/5 · Apr 5



The workshop was worth attending. Thanks to all

Ankit Sangwan


5/5 · Apr 5



I loved the experience of learning html/css with all of you. I liked the following things given by you to us:  
1) Open/Free environment  
2) Free to ask anything and anytime.  
3) Friendly behaviour

tanya gambhir


5/5 · Apr 5



It was a wonderful workshop! The mentors were very supportive and the way of teaching the hard core topics into a simplest way was the best! This workshop provided the hands on experience to create a innovative portfolio website! The best workshop till now in SRM so far! Keep bringing more! All the best! ✨

Mehul Arora

5/5 · Apr 5



Damm interesting , interactive workshop , made new connections , learnt new things

**Devansh Vats**

5/5 · Apr 6



It was a very interactive and fun experience. I hope we have more workshops like this.

**Rohan Bhandari**

5/5 · Apr 6



The event was great with lots of learning. The only issue was with the venue which I'm sure will be handled perfectly as the team progresses further

**Vanshika Jain**

5/5 · Apr 6



The workshop was amazing. The mentors and the coordinators were super friendly, which made it easy to ask doubts a number of times. We learnt a lot and loved it. Hope to be a part of upcoming workshops as well

**Divyansh Pahwa**

5/5 · Apr 6



I thoroughly enjoyed the HTML and CSS workshop, benefiting greatly from the knowledgeable instructors and well-structured curriculum. However, I suggest enhancing the seating arrangement to promote better interaction among participants. Overall, it was a valuable experience with room for minor improvements.

5/5 · Apr 6

Thoroughly enjoyed the process of learning and guidance. Very passionate and excited for participating in next workshop. Amazing jobs guys.

**Khushi Kadyan**

5/5 · Apr 6



It was a amazing workshop .  
Team was really putting their best into teaching students instead of jst a formality.  
Session were really enthusiastic and level and standard set by webytes was great [wow](#).  
Keep going webytes.

**Hemant Kumar**

5/5 · Apr 6



Workshop was interactive and fun. All doubts were attended and cleared. I got got to learn so much and enjoyed the process while doing so. Thank you for giving me an opportunity to participate.

**Divesh Sharma**

5/5 · Apr 6



great experience overall, thanks for havin me

ATTENDENCE SHEET		
S. No.	Registration no.	Name
1	11022210066	HARSH VARDHAN
2	11022210067	SAHIL AHUJA
3	11022210068	ASHISH KALIA
4	11022210069	SANSKAR VASHISHT
5	11022210070	HARSHIT DABAS
6	11022210071	RAJ ARYAN SINGH
7	11022210072	DEVASHISH BISWAS
8	11022210073	AKARSHIT SHARMA
9	11022210074	JAIRAJ SINGH
10	11022210075	PRATHAM RAJESH NAGPAL
11	11022210076	ADITYA SETH
12	11022210077	SAKSHAM BHARDWAJ
13	11022210078	VIDHI TANWAR
14	11022210079	PRIYANSHU
15	11022210080	PRINCE RAJBHAR
16	11022210083	UDAY DAHIYA
17	11022210081	TANISHA AGGARWAL
18	11022210082	CHAITANYA MANN
19	11022210084	PRATEEK
20	11022210086	ISHITA JAISWAL
21	11022210087	LAKSHAY
22	11022210088	SHOURYA KAUSHIK
23	11022210093	YAVI DEHLAN
24	11022210094	VANSH GARG
25	11022210090	SHREYA GARG
26	11022210092	KRISHNANAND R
27	11022210095	ANSHUL SHARMA
28	11022210096	VIDIT NAYYAR
29	11022210099	VAIDEHI MEHTA
30	11022210098	ARPITA .
31	11022210101	MUKUL
32	11022210089	SAKSHAM ARORA
33	11022210100	ABHISHEK KAUSHAL
34	11022210102	RIDHIMA .
35	11022210039	NIKUNJ ANTIL
36	20822210001	NIHARIKA MEHRA
37	20822210002	AAKASH KUMAR
38	20822210003	KUSUM .
39	10323210337	SUKARAN GULATI
40	10323210338	AGRIM SANGOTRA
41	10323210054	AVNI DABAS
42	10323210271	BALWANT LAL
43	10323210139	PRIYANSHU
44	10323210268	DEEPANSHU
45	10323210037	MEHUL ARORA
46	10323210192	SHREYA
47	10323210226	PRATEEK
48	10323210039	NAINA

49	10323210026	HARSHUL CHHONKER
50	10323210040	PRINCE
51	10323210041	DEEPANSHU KUMAR CHAUBEY
52	10323210106	MADHAV BAJAJ
53	10323210178	ASHRAY KAPOOR
54	10323210047	HITESH SAINI
55	10323210048	RAGHAV AGGARWAL
56	10323210049	PRAFUL SINGH
57	10323210050	NANDINI
58	10323210042	SWASTIK
59	10323210043	UTKARSH RAJ
60	10323210045	RAKSHIT SEKSARIA
61	10323210348	SARTHAK
62	10323210052	ARYAN JHA
63	10323210220	KAUSHAL DEEP
64	10323210051	ARYAN TANWAR
65	10323210055	VIJAY KANT DWIVEDI
66	10323210056	LUCKY
67	10323210057	GOURAV
68	10323210060	ARNAV KUMAR
69	10323210061	AKSHAT SHARMA
70	10323210064	MONIKA PATRA
71	10323210065	MEHAR MALHOTRA
72	10323210067	AJIT KUMAR
73	10323210012	HARSHIT BHARDWAJ
74	10323210068	THEEPASH MANI
75	10323210138	VEDANSH
76	10323210071	MUSKAN RAJPUT
77	10323210096	NISHU
78	10323210301	YASHRAJ GIRI GOSWAMI
79	10323210270	MRIDUL GUPTA
80	10323210010	GARV KHATKAR
81	10323210312	VIPUL CHAUHAN
82	10323210334	ATIKSHA AGGARWAL
83	10323210318	OJASHWA TRIPATHI
84	10323210136	SAKSHAM
85	10323210073	YASH
86	10323210018	MAYANK SAINI
87	10323210021	AASHIMA SADANA
88	10323210144	TAMANA
89	10323210074	ANUJ CHAUDHARY
90	10323210353	CHIRAG RANA
91	10323210075	JATIN RATHI
92	10323210087	TARUN
93	10323210174	KRISH
94	10323210253	SIDDHARTH PILANIA
95	10323210077	PARTH KANOTRA
96	10323210336	AAKRITI
97	10323210340	DEEPANSHU
98	10323210001	GAUTAM SHARMA

## Orientation Session of “Your DOST” for the students

Date: 13th May

Venue: University Campus Auditorium

The session was arranged to inform and educate the students about the benefits of mental and psychological health. The orientation session took place on Monday, May 13<sup>th</sup>, 2024 and was moderated by Dr. Ruchi Kawatra. The session was divided into three sub-sessions for the students of different Faculties – Engineering, Law and Management, and Science and Humanities.

### Aim and Significance

The session started with a warm introduction given by Dr. Ruchi Kwatra who informed the students about the MoU signed between **SRM University**, Delhi-NCR, and **Your DOST (Online Counselling and Emotional Wellness Coach)**. Prof. Paramjit S Jaswal welcomed the students and staff from YourDOST for coming and encouraging the students about their emotional health and mental well being. Prof. V. Samuel Raj, Registrar and Dean Academic Affairs took the platform further to encourage the students to avail the benefits of the counselling facility extended by the University. The speakers for the day, Mr. Chinmaya and Mr. Kamal spoke at length about the trials and tribulations of modern-day living of 21<sup>st</sup> century. Hence, it becomes imperative that stigmas and taboos around mental health and wellness be removed and all individuals look forward to the professional help from expert wellness coaches in dire situations.

The speakers informed the audience that **Your DOST**, was formed by an ex IITian Ms Richa Singh, an initiation to expand the significance of individual mental and psychological health. The online portal of Your Dost includes different options to avail counselling services 24x7 related to different problems. The aim of this initiative is to give students access to professional counselors without investing any money. It also aims to overcome the gaps between individuals that came during the period of post Covid era. The audience was also informed that sessions and matters discussed with the professional counsellor remain strictly confidential.

To conclude, the session was immensely informative for the students to open and speak about their problems and share their difficult experiences. The students got to know about how important one's mental health is and how does Your DOST can help them to overcome anxiety, stress, and panic that often come across in their day-to-day life. The students were seen interacting with the experts and members of Your DOST team.

Some of the Glimpses of the session are





ATTENDENCE SHEET		
S. No.	Registration no.	Name
1	10323210337	SUKARAN GULATI
2	10323210338	AGRIM SANGOTRA
3	10323210054	AVNI DABAS
4	10323210271	BALWANT LAL
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64	10323210082	MOKSH BANSAL
65	10323210284	DASHEEN DUA
66	10323210013	ALAN K ABRAHAM
67	10323210085	PRATHAM
68	10323210086	SIDDHANT
69	10323210255	VARUN BHARDWAJ
70	10323210088	ADITYA KUMAR PANDEY
71	10323210090	SHANTANU
72	10323210272	BHAVYA GUGNANI
73	10323210151	MANISH KUMAR
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75	10323210092	LAKSHAY RANA
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83	10323210233	PRAVEEN KUMAR PRANJAL
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86	10323210108	VISHAL BOSE
87	10323210076	DIVYAM KUMAR
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89	10323210110	KRISH KUMAR GUPTA
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91	10323210261	SANYA GUPTA
92	10323210038	PRIYANKA ANAND
93	10323210113	MUKUL
94	10323210116	GANTA BHANU TRINAY PAVAN
95	10323210190	ANURAG
96	10323210117	HIRENDRA SAINI
97	10323210119	SAHAJ NAGAR
98	10323210314	SUHANI

99	10323210089	JOY SHARAWAT
100	10323210120	SUBHAM SINHA
101	10323210066	BISMAN SINGH
102	10323210122	SHIVANSHU DWIVEDI
103	10323210329	SRISHTI SAHU
104	10323210124	SAKSHAM BHARDWAJ
105	10323210332	DAKSH GARG
106	10323210125	ANJALI
107	10323210127	SALONI CHAUHAN
108	10323210128	KOMAL DEVI
109	10323210335	SHRUTI
110	10323210129	SHAMBHAVI SHUKLA
111	10323210130	DEVANSH GOEL
112	10323210131	BHAVYA VATS
113	10323210132	PRANAV
114	10323210133	VAIBHAV
115	10323210135	AKSHAT KATHEL
116	10323210003	RITIK YADAV
117	10323210053	AYUSH SINGH
118	10323210141	VARNIKA SHARMA
119	10323210142	ISHAAN SHARMA
120	10323210034	ANCHAL DAHIYA
121	10323210143	DAKSH RAJ
122	10323210145	PIYUSH KUMAR
123	10323210111	BHUMIKA TYAGI
124	10323210118	LOVLEEN
125	10323210146	TANISHQ
126	10323210148	RUCHIT
127	10323210150	TANU SHARMA
128	10323210153	RAVI KUMAR TIWARI
129	10323210044	DAKSH MALIK
130	10323210154	YASH MITTAL
131	10323210155	NIKUNJ AGGARWAL
132	10323210207	JIYA SEEKARY
133	10323210156	MANAN KASHYAP
134	10323210157	AYUSH RAJ
135	10323210330	CHANDINI
136	10323210158	GONUGUNTLA LAKSHMI NARAYANA
137	10323210159	MANAN YADAV YADAV
138	10323210355	AKDUS KHAN
139	10323210227	S SOORAJ
140	10323210161	GOVIND TIWARI
141	10323210140	SUSHANT KATEWA
142	10323210162	AANYA
143	10323210163	ROHAN SAINI
144	10323210263	MAYANK TOMAR
145	10323210165	KARAN VERMA
146	10323210166	AYSHA
147	10323210170	VIKRAM KUMAR
148	10323210173	AYUSH TIWARI

149	10323210114	JHANVEE VERMA
150	10323210260	ARPIT SINGH
151	10323210176	ADARSH RAJ AMAN
152	10323210350	VARIDH ACHARYA
153	10323210177	MANYA TYAGI TYAGI
154	10323210180	KRISHNA CHAUHAN

## **One-Day Seminar Report: “Sensors in Healthcare”**

**Guest Speaker: Dr. Satish Kumar Dubey, Centre for Sensors, Instrumentation, Cyber-Physical System Engineering, Indian Institute of Technology, Delhi**

On April 30, 2024, the **Department of Electronics and Communication Engineering of the Faculty of Engineering & Technology** organized a seminar titled "**Sensors in Healthcare.**" This seminar aimed to delve into the pivotal role of sensors in revolutionizing healthcare practices. Hosted at the Bosch Centre, the event garnered active participation from faculty members and students, eager to explore the intersection of technology and healthcare.

### **Event Overview:**

The seminar commenced with a warm welcome address by the Head of the Department of Electronics and Communication Engineering, Dr. Pawan Kumar Singh, setting the stage for an insightful discourse on sensor technology in healthcare.

The event was inaugurated by Dr. Ranjit Roy, the Dean of Engineering and Technology with a warm welcome to the guest speaker by presenting tokens of respect. Following this, he delivered an introductory address, highlighting the significance of integrating sensor technology into healthcare systems to enhance patient care and medical diagnostics.

A notable expert in the field, **Dr. Satish Kumar Dubey, Centre for Sensors, Instrumentation, Cyber-Physical System Engineering, Indian Institute of Technology, Delhi**, graced the event with his expertise. Dr. Dubey's presentation shed light on the latest advancements and prospects of sensors in healthcare, providing attendees with valuable insights into cutting-edge research and applications.

### **Key Highlights:**

Throughout the seminar, participants engaged in discussions covering various aspects of sensors in healthcare, including wearable sensors, remote monitoring systems, and diagnostic applications. The presentations sparked stimulating conversations, offering attendees a deeper understanding of the role sensors play in transforming healthcare delivery.

Faculty members and students actively participated in the discussions, sharing their perspectives and insights on the integration of sensor technology in healthcare settings. The dynamic exchange of ideas fostered a collaborative learning environment, enriching the overall seminar experience.

### **Words of Wisdom:-**

Prof. V Samuel Raj, the Registrar and Dean Academics Affairs, delivered special remarks on the seminar's theme. His insights further emphasized the importance of leveraging sensor technology to address healthcare challenges. He highlighted the recent advances in mechatronics, Internet of Things (IoT), wearable devices, and the miniaturization of sensors and electronics have significantly increased the capabilities of smart sensors enlarging the range of their applications. In his address, he also emphasized that at-risk patients such as elderly people with diabetes, asthma, chronic obstructive pulmonary disease, and heart irregularities have a lot to gain from these wearables. He suggested taking up a few major

projects on how the continuous collection of different sensors can allow for more reliable medical evaluation at a distance, promoting online prescriptions, and reducing the frequency of face-to-face consultations.

### **Vote of Thanks:**

As the seminar drew to a close, Mr. Satyendra Kumar Srivastav delivered a heartfelt vote of thanks, expressing gratitude to the speakers, participants, and organizers for their contributions to the event's success. His closing remarks underscored the importance of continued exploration and innovation in sensor technology to drive positive change in healthcare practices.

### **Conclusion:**

The "Sensors in Healthcare" seminar organized by the Department of Electronics and Communication Engineering proved to be a fruitful endeavor. By bringing together experts, faculty members, and students, the seminar provided a platform for meaningful discussions and knowledge exchange on the transformative potential of sensor technology in healthcare. As participants departed with newfound insights and inspiration, the seminar's impact on advancing healthcare innovation was palpable.

This event was successful with the keen initiative of the Department of ECE with the active involvement of Dr. Pawan Kumar Singh, HoD, ECE, and all the faculty members of the department.







ATTENDENCE SHEET		
S. No.	Registration no.	Name
1	10422210002	SOUMENDRA NARAYAN ROY
2	10423210010	ANIMESH SHUKLA
3	10423210006	VAIZURS SRINIVASA ABHILAASH
4	10423210002	ARPIT GUPTA
5	10423210007	MOHAMMED ALNABIGHA KHAFALLA
6	10423210005	PRATEEK SHARMA
7	10423210001	YASH
8	10423210009	KARTIK DUHAN
9	10423210008	SHARAN PRUTHI
10	10422210003	K SABARI KUMAR
11	10422210004	SHUBHANKAR SHUKLA
12	10422210001	SOHANA BHATIA
13	10422210005	RACHIT

## **Brief Report: World Telecommunication and Information Society Day (WTISD) Celebration hosted by Circuit and Intelligent System Club**

**World Telecommunication and Information Society Day (WTISD)** is an annual event celebrated globally to raise awareness about the role of information and communication technologies (ICT) in shaping societies and economies. The celebration on **May 17, 2024**, was hosted by the **Circuit and Intelligent System Club** of the **Electronics & Communication Engineering Department**, with an array of competitions and activities aimed at engaging participants in discussions and events related to telecommunication and information society.

### **Event Overview:**

The celebration of WTISD 2024 was marked by enthusiasm and participation from students, faculty members, and professionals eager to engage in activities promoting awareness and understanding of telecommunication and information technologies.

### **Key Activities:**

The event commenced with an inaugural ceremony featuring introductory remarks by Dr. Ranjit Roy, the Dean of Engineering and Technology. He formally opened the event, setting the stage for a day filled with competitions and discussions centered on telecommunication and information society.

A total of 48 participants competed in three different competitions: Quiz, Debate, and Poster Making. These competitions provided a platform for students to showcase their knowledge, critical thinking, and creative skills in various aspects of telecommunication and information society. The competitions were judged by a panel of esteemed individuals, including Dr. Manoj Yadav, Dr. Anand Gaurav, Dr. Prashant Kumar, Dr. Ritika, and Mr. Satyendra Kumar Srivastav. Their expertise and impartial evaluation ensured the fairness and quality of the competition.

The smooth coordination of the event was managed by Dr. Pawan Kumar Singh, Head of ECE department, along with Dr. Tejbir Singh and Mr. S Sivashankar. Their efforts ensured that the event proceeded seamlessly, facilitating the participation of contestants and the overall success of the celebration.

**Award Ceremony:** The highlight of the event was the award ceremony, graced by the presence of the Hon'ble Vice-Chancellor Prof. Paramjit Singh Jaswal, who presented medals and certificates to the winners of the competitions. This recognition served to motivate participants and acknowledge their achievements in contributing to the celebration of WTISD.

### **Conclusion:**

The celebration of World Telecommunication and Information Society Day 2024 by the Circuit and Intelligent System Club of the ECE department was a testament to the enthusiasm and dedication of the organizing team, participants, and esteemed judges. Through competitions, discussions, and recognition of achievements, the event succeeded in promoting awareness and fostering a deeper understanding of telecommunication and information technologies among students and professionals alike. Such initiatives play a vital role in advancing the goals of sustainable development and inclusive growth in today's digitally connected world.



**FACULTY OF ENGINEERING AND TECHNOLOGY**  
**DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING**  
**PRESENTS**



**SRM**  
**UNIVERSITY**  
DELHI-NCR, SONEPAT

# **WORLD TELECOMMUNICATION & INFORMATION SOCIETY DAY**

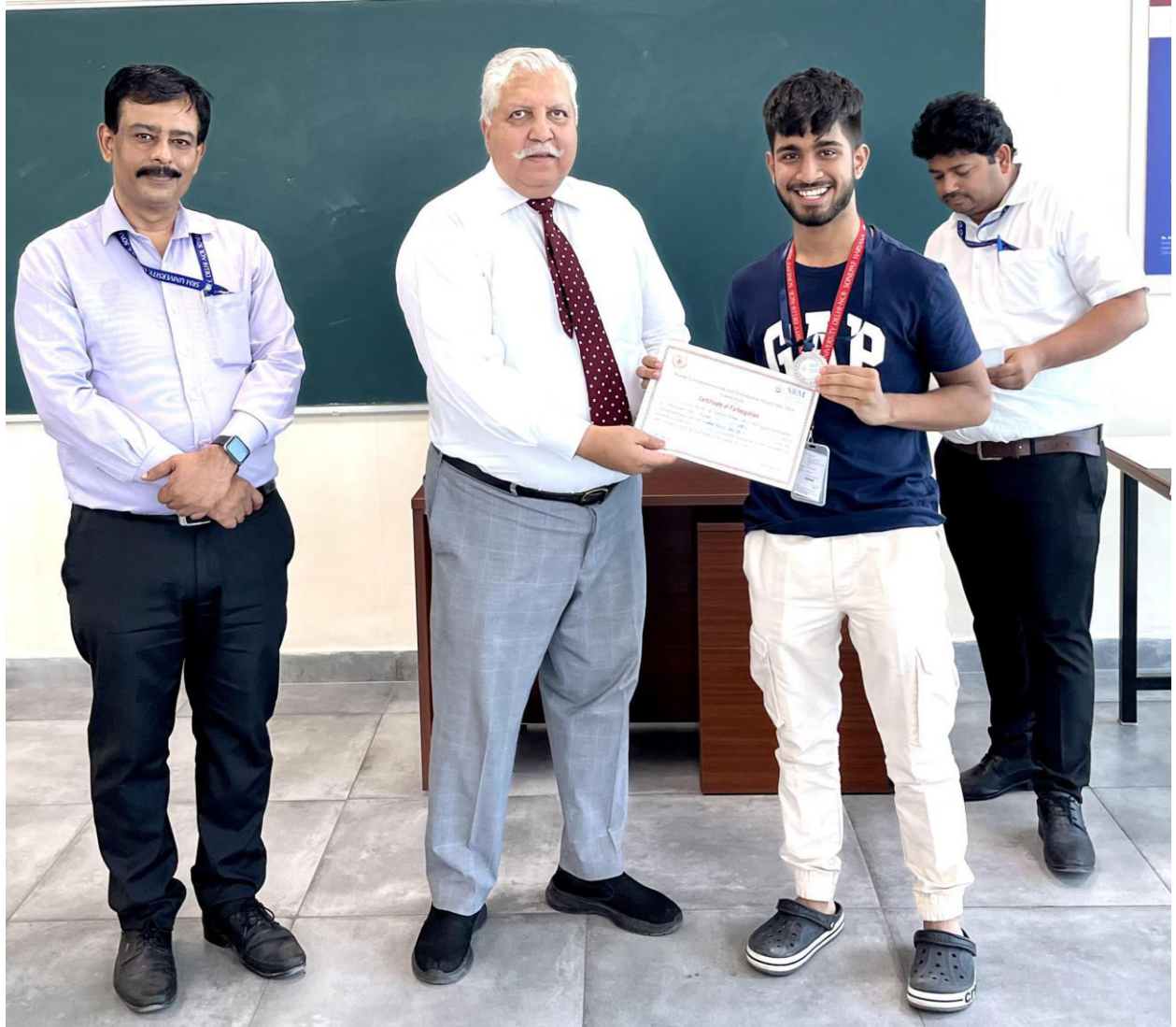
**17 MAY 2024**

Hosted by :  
Circuit & Intelligent Systems Club, Student Activity Centre

[www.srmuniversity.ac.in](http://www.srmuniversity.ac.in)







ATTENDENCE SHEET		
S. No.	Registration no.	Name
1	10422210003	K SABARI KUMAR
2	10422210004	SHUBHANKAR SHUKLA
3	10422210001	SOHANA BHATIA
4	10422210005	RACHIT
5	10422210002	SOUMENDRA NARAYAN ROY
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14	10423210004	RITIKA SHARMA

Educational-cum-Industrial visit to Kanodia Intercontinental Pvt. Ltd.

Date : 7th May 2024 (10:30 a.m. to 2:30 p.m.)

Location: Barhi Industrial area, Sonipat

The industrial visit to Kanodia Intercontinental Pvt. Ltd. (Barhi Industrial area, Haryana) was organised by the Department of **Economics** on 07.05.2024 with the aim of bridging the gap between theoretical knowledge and real-world application enhancing students' understanding of industrial practices.

Participants: 24 students accompanied by 4 faculty members (Dr. Preeti Dabas, Ms. Neha Bansal, Ms. Pooja and Mr. Ankit Chhikara)

Kanodia Intercontinental Pvt. Ltd. is an ultra-modern dyeing unit set up with the latest technology to produce dyed yarn. During our visit to Kanodia, the staff graciously welcomed everyone with warmth. This industry involves the whole manufacturing process from yarn to the final product. This industry is a very good example of Make-in-India project. This industry also provides employment opportunities at mass, especially to women.

Kanodia Intercontinental Pvt. Ltd. provided a comprehensive tour showcasing the process of yarn transformation. This process included dyeing in various vibrant colours using advanced technology and hydro-dyeing machines along with quality testing in scientific laboratories. Fabrication process where dyed yarn is transformed into fabric was also shown. This involved various stages such as mending, drying, steam pressing and careful defect alterations, to deliver the best quality experience to the customers.

Toward the end, packaging and finishing processes were demonstrated.

Key outcomes:

Visiting Kanodia Intercontinental Pvt. Ltd. allowed students to explore:

- The complex production process of manufacturing.
- Students learned about diverse textile materials, various technologies and machinery.
- Gained insights into quality control at different stages.
- Experienced supply chain management.
- Witnessed the adoption of environmental-friendly production methods.





ATTENDENCE SHEET		
S. No.	Registration No.	Name
1	40521210014	SHREYA
2	40521210012	ANKITA
3	40521210004	MAHESH
4	40521210009	ANJALI KUMARI
5	40522210004	SIMRAN
6	40522210001	SAKSHI
7	40522210003	ADITI SINGH
8	40522210007	NIKITA MALIK
9	40522210009	SWATI .
10	40522210008	SHEETAL
11	40522210010	SHRUTI CHAURASIA
12	40522210006	PAYAL
13	40522210002	LEENA JINDAL
14	40521210013	NITU .
15	40521210011	NANCY .
16	40521210003	NIDHI
17	40521210005	NICKY KUMARI SINGH
18	40521210006	NANDITA DOHERE
19	40521210002	KOMAL SEHRAWAT
20	40521210010	DEEPIKA GUPTA
21	40521210001	NEHA
22	40521210007	NIKKI
23	40521210008	SHEETAL DUHAN

## **One-Day Seminar Report: “Renewable Energy Resources in Smart Grid”**

### **Objective:**

The **Department of Electrical and Electronics Engineering** of the **Faculty of Engineering & Technology** organized a seminar on "Renewable Energy Resources in Smart Grid" on 15<sup>th</sup> April, 2024 to explore integrating renewable sources like solar and wind into smart grid systems. It sought to deepen understanding of sustainable energy solutions among students.

### **Workshop Highlights:**

The program started at 11:30 a.m with the welcome address given by Dr. Deepika Yadav, Head of the Department, Electrical & Electronics Engineering.

Opening remarks and an introduction to the program were delivered by Dr. Ranjit Roy, Dean Engineering & Technology. He highlighted one of the biggest frontiers in electrical engineering today is the development and implementation of smart grid technology. He emphasized the depletion of fossil fuels leads the power engineer to adopt greener technologies and alternative fuels for sustainable development.

The event was inaugurated by Prof. (Dr.) V. Samuel Raj, Registrar, and Dean Academic Affairs with a warm welcome to the guest speaker by presenting tokens of respect. He emphasized that the grid integration of renewable energy includes building resilience against threats, such as natural disasters and cyber threats. It also involves overcoming challenges, such as instantaneous to seasonal unavailability of renewable resources. He advised the students that by developing solutions and mitigated measures across both information technology and operational technology systems, we can prepare for a cleaner, greener, and more resilient energy landscape.

### **Chief Guest and Speaker:**

The seminar was privileged to have **Dr. Manoj Kumawat, Electrical Engineering Department, NIT Delhi**, as the chief guest and keynote speaker. With over a decade of experience and numerous publications to his credit, he brought invaluable expertise to the seminar. Dr. Kumawat's pioneering work on projects like "Mitigation of Smart Home Challenges with Hybrid Renewable Sources" and "PV fed IoT Speed Sensorless Vector Controlled Induction Motor Drives" has been instrumental in advancing sustainable energy solutions. His profound knowledge and insights into renewable energy resources and their integration into smart grids set the tone for an enriching seminar.

### **Seminar Highlights:**

The event covered several critical areas:

Ø **Distributed Energy Resources:** An overview of various distributed energy sources, including solar, wind, hydroelectric, and bioenergy, was presented, along with their advantages, limitations, and current market trends.

Ø **Smart Grid Technologies:** The seminar delved into the concept of smart grids, including advanced metering infrastructure, demand response management, energy storage systems, and intelligent control and monitoring systems.

Ø **Renewable Energy Integration:** Discussions revolved around the challenges of integrating renewable energy sources into the existing grid infrastructure, such as intermittency, grid stability, and load balancing. Potential solutions, including energy storage systems, forecasting techniques, and grid reinforcement, were explored.

Ø **Regulatory and Policy Framework:** The seminar addressed the regulatory and policy landscape surrounding renewable energy and smart grid deployment, highlighting the need for supportive policies and incentives to accelerate the transition towards a sustainable energy future.

Ø **Case Studies and Best Practices:** Real-world case studies and best practices from leading organizations and countries were presented, demonstrating successful implementations of renewable energy and smart grid technologies.

Ø **Future Outlook and Emerging Technologies:** The seminar concluded with a forward-looking perspective on the future of renewable energy and smart grids, including emerging technologies such as Blockchain, Internet of Things (IoT), and artificial intelligence (AI) applications in energy management.

## **Conclusion:**

The seminar provided valuable insights into sustainable energy solutions through smart grid-integrated renewable sources. It fostered discussions on technological, regulatory, and implementation aspects among faculty and students. Real-world case studies showcased best practices in renewable energy and smart grid deployment.

This event was successful with the keen initiative of the Department of EEE with the active involvement of Dr. Deepika Yadav, HoD, EEE, and all the faculty members of the department.

The event successfully created a platform for knowledge sharing and paved the way for further advancements in transforming the energy landscape through smart, renewable-powered grids.



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Faculty of Engineering and Technology

Presents

# One Day Seminar on Renewable Energy Resources in Smart Grid



**SPEAKER**

**Dr. Manoj Kumawat**

Department of Electrical Engineering,  
National Institute of Technology,  
Delhi

Time:  
11:30 AM  
(IST)

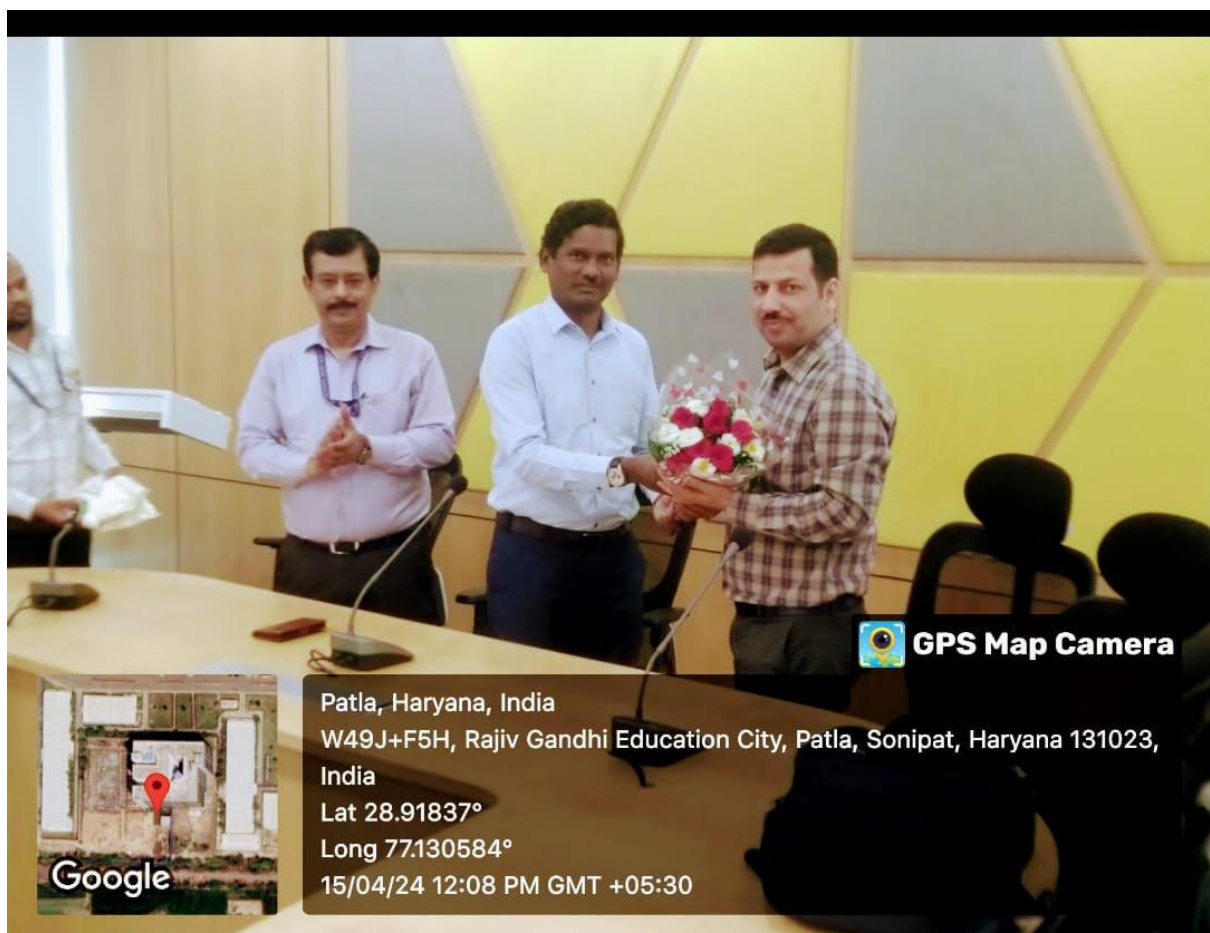
Date:  
Monday,  
15<sup>th</sup> April, 2024

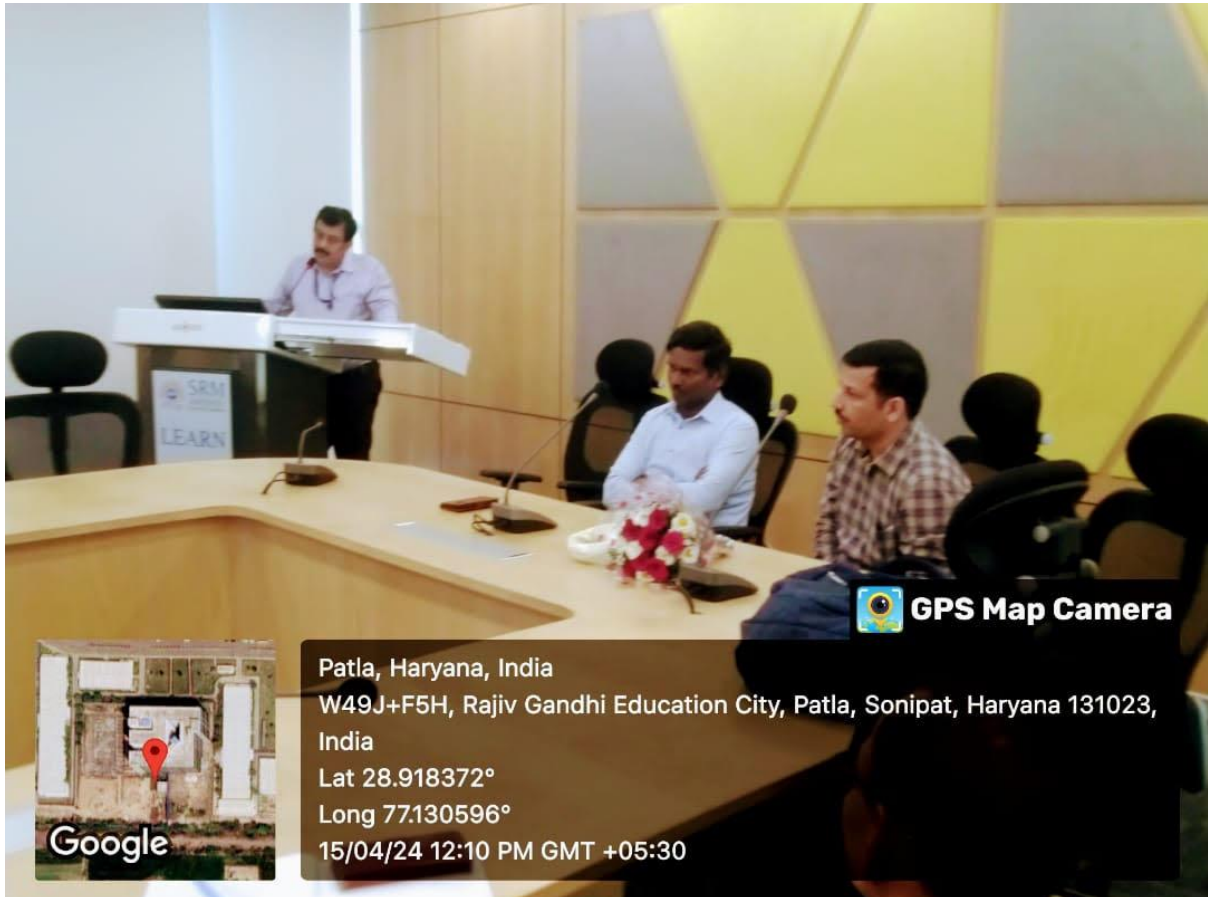
Coordinator:  
Dr. Deepika  
Yadav

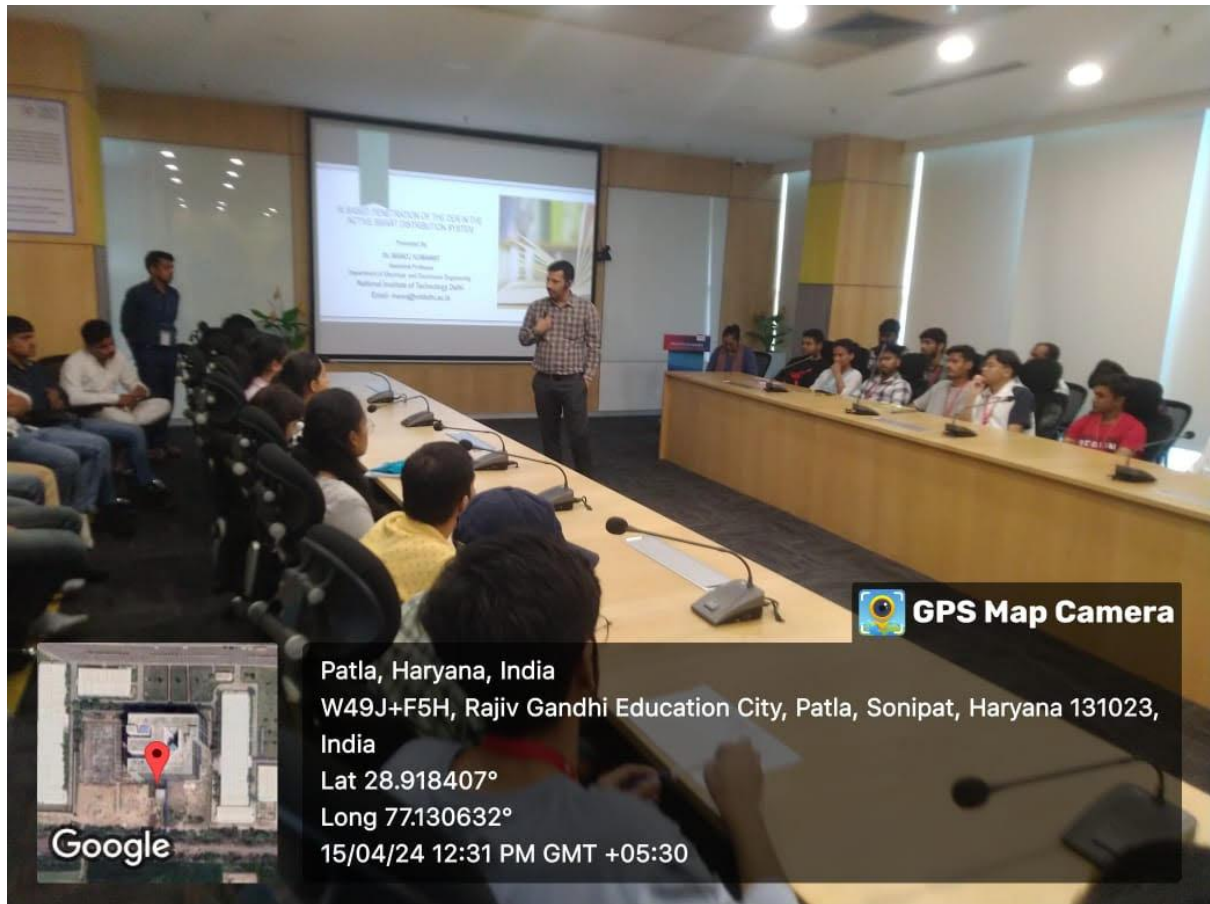
Venue:  
Conference Room, 5th Floor, EB  
SRM University Delhi-NCR, Sonapat

Organised by Department of Electrical & Electronics Engineering

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ATTENDENCE SHEET		
S. No.	Registration no.	Name
1	10422210003	K SABARI KUMAR
2	10422210004	SHUBHANKAR SHUKLA
3	10422210001	SOHANA BHATIA
4	10422210005	RACHIT
5	10422210002	SOUMENDRA NARAYAN ROY
6	10423210010	ANIMESH SHUKLA
7	10423210006	VAIZURS SRINIVASA ABHILAASH
8	10423210002	ARPIT GUPTA
9	10423210007	MOHAMMED ALNABIGHA KHAFALLA
10	10423210005	PRATEEK SHARMA
11	10423210001	YASH
12	10423210009	KARTIK DUHAN
13	10423210008	SHARAN PRUTHI
14	10423210004	RITIKA SHARMA

## **Brief Report on “One Day Seminar on Hybrid Electric Vehicles: Progress in the Era of the 21st Century”**

The **Department of Electrical and Electronics Engineering** under the **Faculty of Engineering & Technology** organized a seminar on **03.05.24** titled "**Hybrid Electric Vehicles: Progress in the Era of the 21st Century**" to explore the advancements, challenges, and prospects of hybrid electric vehicle technology. The seminar aimed to foster a comprehensive understanding of this rapidly evolving field among faculty and students.

### **Event Overview:**

The seminar commenced with a warm welcome address by the Head of the Department of Electrical and Electronics Engineering, Dr. Deepika Yadav, setting the audience for an insightful discourse on the progress of Hybrid Electric Vehicles in the 21<sup>st</sup> century.

The event was inaugurated by Dr. Ranjit Roy, the Dean of Engineering and Technology with a warm welcome to the guest speaker by presenting tokens of respect. Following this, he delivered an introductory address, highlighting the regenerative braking technology used to capture electrical energy in HEV cars during braking, which in turn enhances the fuel efficiency of vehicles.

The seminar was honored to have **Dr. Obbu Chandra Sekhar, Dean of Planning and Development from NIT, Delhi**, as the esteemed keynote speaker. With a distinguished academic and research background, Dr. Sekhar brought invaluable expertise to the seminar. His work encompasses a multitude of areas, including electric drives, motor control, multiple patents, sponsored research projects, and numerous publications in reputed journals and conferences.

### **Seminar Highlights:**

The seminar covered several critical aspects of hybrid electric vehicle technology:

**Introduction to Hybrid Electric Vehicles (HEVs):** An overview of HEV technology, including its architecture, components, and operating principles, was presented. The seminar discussed the different types of HEVs, such as parallel hybrids, series hybrids, and plug-in hybrids.

**Energy Management Strategies:** Discussions revolved around the various energy management strategies employed in HEVs, such as rule-based control, optimization-based control, and machine learning-based approaches. The challenges associated with efficient energy distribution between the internal combustion engine and electric motor were addressed.

**Powertrain Components:** The seminar delved into the key powertrain components of HEVs, including advanced battery technologies (lithium-ion, solid-state, etc.), electric motors (permanent magnet, induction, etc.), and power electronic converters. The latest developments and ongoing research in these areas were discussed.

**Charging Infrastructure and Grid Integration:** The integration of HEVs with the electrical grid and the development of charging infrastructure were explored. Topics covered included vehicle-to-grid (V2G) technologies, smart charging strategies, and the impact of widespread HEV adoption on grid stability and energy demand.

**Environmental and Economic Considerations:** The seminar addressed the environmental benefits of HEVs, such as reduced emissions and improved fuel efficiency. Additionally, the economic aspects, including cost-effectiveness, incentives, and long-term savings, were discussed.

**Challenges and Future Prospects:** The seminar concluded with a forward-looking perspective on the challenges and prospects of HEV technology. Topics included battery recycling, advanced materials research, autonomous driving capabilities, and the potential for fully electric vehicles to supersede HEVs in the long run.

**Conclusion:** The seminar provided a comprehensive overview of hybrid electric vehicle technology, covering its current state, technological advancements, and prospects in HEV technology. It facilitated discussions among stakeholders, fostering collaboration and knowledge sharing. Real-world case studies and best practices showcased successful implementations and highlighted the potential of HEVs to contribute to a sustainable and efficient transportation sector. The event paved the way for further research and development in this field, ultimately driving the transition towards a more environmentally conscious and energy-efficient future.



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Faculty of Engineering and Technology

Presents

# One Day Seminar on Hybrid Electric Vehicles: Progress in the Era of the 21<sup>st</sup> Century



**SPEAKER**

**Dr. Obbu Chandra  
Sekhar**

Department of Electrical Engineering,  
National Institute of Technology, Delhi

Time:  
11:30 AM  
(IST)

Date:  
Friday  
3<sup>rd</sup> May, 2024

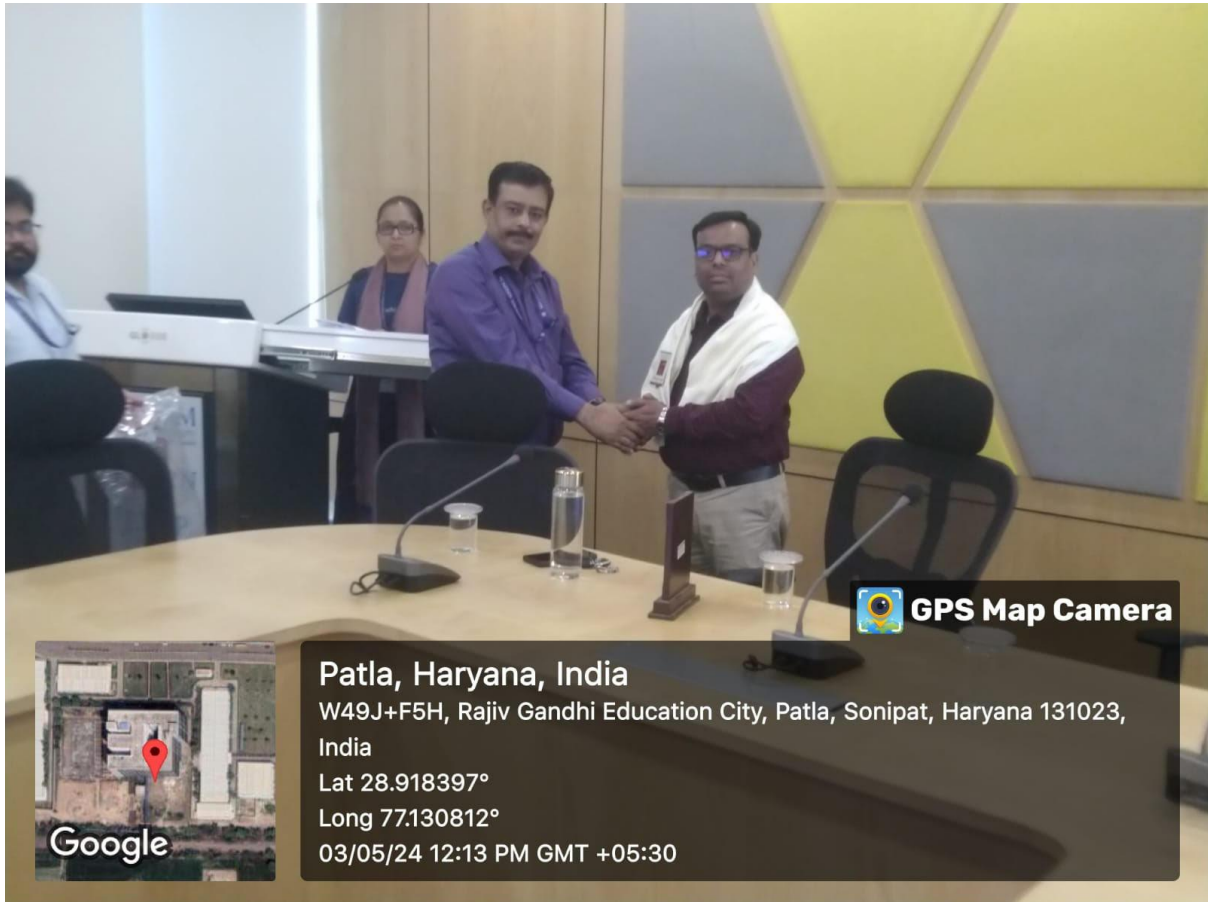
Coordinator:  
Dr. Deepika  
Yadav

Venue:  
Conference Room, 5th Floor, EB  
SRM University Delhi-NCR, Sonapat

Organised by Department of Electrical & Electronics Engineering

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ATTENDENCE SHEET		
S. No.	Registration No.	Name
1	42721210001	SNEHA CHATURVEDI
2	40121210002	MITALY
3	40121210003	ISHIKA BANSAL
4	40121210004	KASHIKA
5	40121210001	RAKSHITA ARORA
6	42722210007	POOJA
7	42722210003	RITIKA
8	42722210001	PRERNA
9	42722210006	AARTI SAROHA
10	42722210005	RAVJOT SINGH BAGGA
11	42722210002	HARSHITA BISHT
12	42722210004	NISHA
13	42722210008	KUMUD CHOUDHARY
14	40122210009	AAYUSHI GOEL
15	40122210010	DEEPIKA SAINI
16	40122210007	DEEPANSHI BATRA
17	40122210001	PINKI
18	40122210008	RAHUL BHUTANI

## Event Report: Youth Speak Forum at SRM University Sonapat

On April 7, 2024, students and faculty representatives from SRM University, Sonapat, participated in the Youth Speak Forum organized by AIESEC at IIT Delhi. AIESEC, one of the world's largest youth-run organizations, hosted this forum to provide a platform for young individuals to discuss and address pressing global issues.

Students and faculty representatives from the Humanities faculty of SRM University actively engaged in all aspects of the forum. They contributed to discussions, shared insights from their academic pursuits, and showcased innovative projects aimed at addressing societal challenges. Additionally, they utilized this platform to network with peers and professionals, fostering meaningful connections for future collaborations and initiatives. Through engaging discussions, workshops, and networking opportunities, participants were empowered to become catalysts for positive change in society.

Dr Tulika Kakkar and Ms Surabhi Chandan of the Dept of English accompanied the students.





ATTENDENCE SHEET		
S. No.	Registration no.	Name
1	10422210003	K SABARI KUMAR
2	10422210004	SHUBHANKAR SHUKLA
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13	10423210008	SHARAN PRUTHI
14	10423210004	RITIKA SHARMA

## **Event Report: Panel discussion on #MeToo Movement**

*Date:* May 1, 2024

*Venue:* SRM University, Delhi NCR

Department of English at SRM University, Delhi NCR, orchestrated a panel discussion dedicated to dissecting the #MeToo movement. This event aimed to unravel the layers of significance, challenges, and misconceptions surrounding the movement, offering attendees a comprehensive understanding of its impact on society.

The panel commenced with Ms. Arundhati Sharma's introductory remarks, and delved into the movement's origins, objectives, and societal implications, laying a solid foundation for subsequent discussions. With a blend of meticulous analysis and real-life examples, Ms. Arundhati dismantled misconceptions, addressing issues of victim-blaming and skepticism prevalent in discussions surrounding sexual harassment and assault.

It was followed by an enriching talk by Ms. Arushi and Dr. Mudasir Rahman who gave their views on the topic. Panel discussions formed the core, providing a platform for diverse voices to engage in interactive discourse. Attendees, comprising students and faculty members, shared personal experiences, academic insights, and social analyses related to the #MeToo movement.

The panel's inclusivity welcomed voices from various backgrounds, genders, and perspectives. Throughout the event, attendees gained deeper insights into the complexities of sexual harassment, empowerment, and advocacy. Speakers offered actionable insights for individuals, organisations, and policymakers to address systemic issues, promote accountability, and cultivate safer environments for all.

By delving into the nuances of the movement and dispelling prevalent myths, the event made significant contributions to the ongoing discourse on gender equality and social change.

Report compiled by: Ms. Riya, Department of English



ATTENDENCE SHEET		
S. No.	Registration No.	Name
1	42721210001	SNEHA CHATURVEDI
2	40121210002	MITALY
3	40121210003	ISHIKA BANSAL
4	40121210004	KASHIKA
5	40121210001	RAKSHITA ARORA
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16	40122210007	DEEPANSHI BATRA
17	40122210001	PINKI
18	40122210008	RAHUL BHUTANI

### Event Report: Utopia English Society's Wednesday Play - "Pyramus and Thisbe"

Utopia, the Literary Society of the English Department, presented a captivating rendition of "Pyramus and Thisbe," masterfully crafted by first-year students, under the benevolent guidance of Dr. Tulika Kakkar, the Head of Department, who provided moral support and assistance to the students throughout the preparation process, ensuring a seamless execution. Additionally, Ast Prof. Arundhati and Dr. Aditi Dev's insightful introduction to Shakespeare's works laid the foundation for the students' performance.

The play featured an ensemble cast, with each student embodying their character with exceptional skill and dedication. **Gunjan**, portraying the steadfast "Wall," brought solidity and presence to the stage, while **Nikki**, as "Thisbe," evoked empathy and emotion with her heartfelt performance. **Sania** illuminated the stage as "Moonshine," adding a touch of ethereal charm to the narrative. **Pragya**, taking on the role of the director, demonstrated leadership and vision, guiding her fellow students with grace and expertise. **Lovely**, embodying the ferocious "Lion," commanded attention with his powerful presence, while **Riddhi**, as the stoic "Tree," provided a grounded backdrop to the unfolding drama. **Utkarsh**, in the titular role of "Pyramus," delivered a compelling performance, captivating the audience with his earnest portrayal.

During the event, the Director of Humanities, Dr Manju Jaidka, provided invaluable insights into important topics such as the use of humor and the concept of a play within a play. Her presence and expertise enriched the occasion as she shared her knowledge with the students. Through her motivational words and guidance, she inspired the students to explore these elements with creativity and depth, contributing to the overall success of the event.

Ast prof. Ayushi's insightful discussion on the use of the farce genre and the significance of the main characters further enriched the audience's understanding, contributing to the overall success of the event.

The event concluded with a heartfelt vote of thanks delivered by Ms. Shikha, expressing gratitude to all involved for their dedication and commitment. The Wednesday activity exemplified the collaborative spirit and creative prowess of Utopia the English Literary Society, leaving a lasting impression on all attendees.

Stay tuned for next week's activity! We'll bring you something more interesting.



ATTENDENCE SHEET		
S. No.	Registration No.	Name
1	40521210013	NITU .
2	40521210011	NANCY .
3	40521210003	NIDHI
4	40521210005	NICKY KUMARI SINGH
5	40521210006	NANDITA DOHERE
6	40521210002	KOMAL SEHRAWAT
7	40521210010	DEEPIKA GUPTA
8	40521210001	NEHA
9	40521210007	NIKKI
10	40521210008	SHEETAL DUHAN
11	40521210014	SHREYA
12	40521210012	ANKITA
13	40521210004	MAHESH
14	40521210009	ANJALI KUMARI
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17	40522210003	ADITI SINGH
18	40522210007	NIKITA MALIK
19	40522210009	SWATI .
20	40522210008	SHEETAL
21	40522210010	SHRUTI CHAURASIA
22	40522210006	PAYAL
23	40522210002	LEENA JINDAL
24	40522210005	DIKSHA

**SRM University**  
**Delhi-NCR, Sonapat, Haryana, India**  
**Department of Food Technology**

**Workshop on Foundations of R Programming**

**Date: 02/05/2024**

**Venue: Conference Hall 5<sup>th</sup> Floor, Engineering Block, SRMUH**

The Department of Food Technology, orchestrated a “**One day Workshop on Foundations of R Programming**” at SRM University Delhi-NCR Sonapat, Haryana on 2<sup>nd</sup> May, 2024. The Department of Physics, Department of Chemistry, Department of Agriculture and Department of Economics actively participated in the workshop along with students and faculty members.

**Key Feature of the Session:** The R Programming covers the basics of the open-source language, including an overview, installation, basic operations, and practical exercises in coding.

**Key Insights:** The topic "Foundations of R Programming" highlights its significance as a valuable tool for data scientists, analysts, statisticians, and research scholars, particularly within academic settings. R's capability to manage intricate analyses, including machine learning and financial modeling, underscores its versatility and utility for a diverse array of data-related endeavors.

**Students Learning:** Students from diverse backgrounds, including Department of Food Technology, Agriculture, and Economics, eagerly participated in the event, seizing the opportunity to delve into the following areas of interest:

1. Overview of the field of data science.
2. R & RStudio: installation, several important functions.
3. Operators: arithmetic, logical, and miscellaneous.
4. How to create projects in RStudio.
5. Coding using the R console.
6. Function: structure of function
7. Comments: importance and how to comment
8. Packages: install, update and how to use
9. Objects: how to create objects and naming guidelines.

10. Community: how to get help from the R community.

Students had a good data visualization, stats, and a brief of R Programming.

**Roles:** Dr. Ajay Kumar Koli, the esteemed Founder & Executive Director of SARA Institute of Data Science, served as the expert and keynote speaker of the event, providing students with a clear and accessible explanation of R Programming. His dedication ensured that students grasped the concepts effortlessly. Additionally, the gathering had the privilege of hearing from the Honourable Vice Chancellor, Prof. (Dr.) Paramjit S. Jaswal, who shared valuable insights. Finally, the event was brought to a close by the Dean of Science and Humanities, Prof. (Dr.) Rakesh Dube, offering a fitting conclusion to an enlightening and enriching session. The programme was coordinated by Dr. Yogesh Kumar with the help of the faculties from the Department of Food Technology.

In conclusion, the event concluded on a positive note, leaving participants inspired by the tagline "Foundations of R Programming- Embrace the power of R: where data transforms into insights, and curiosity leads to discovery." This workshop has undoubtedly enriched our knowledge and broadened our horizons in the realms of research and academics. By delving into the intricacies of R programming, participants have gained valuable expertise in the subject matter, paving the way for innovative discoveries and meaningful insights in their respective fields.

Figure 1. Workshop on “Foundation of R Programming” held on 02.05.2024

a.



b.



c.



d.



e.



f.



g.



h.



i.



ATTENDENCE SHEET		
S. No.	Registration No.	Name
1	10921210007	HARSH JHA
2	10921210001	ANANYA SHARMA
3	10921210002	ANJU
4	10921210003	PRATISHTHA DAS
5	10921210006	MANISH SHARMA
6	10921210008	ANIKET PAUL
7	10921210005	ALLEN SAJI GEORGE
8	10921210004	DIYA KUMARI
9	10922210012	RIYA
10	10922210005	SRISHTI GARG
11	10922210016	HIND SAAD
12	10922210013	POORAV SHARMA
13	10922210006	AMBALIKA GAUTAM
14	10922210017	MANSHA ALAGH
15	10922210002	KRRISH SARAF
16	10922210014	JALAJ TRIPATHI
17	10922210003	ANSH NAYYAR
18	10922210011	SHARAD PATEL
19	10922210008	DIKSHA BATRA
20	10922210001	KRISHNA DEO UPADHYAY
21	10922210010	PARVEZ SAIFI
22	10922210007	RIYA DAHIYA
23	10922210009	ARNAV ARNAV
24	10922210015	SID AHMED DIYA
25	10923210009	KHUSHI GUPTA
26	10923210020	DHRUVE DAHIYA
27	10923210016	VANSHIKA JAIN
28	10923210012	ADITYA RAJ
29	10923210018	JATIN
30	10923210008	ALVIA FATIMA
31	10923210010	GUNGUN BHATIA
32	10923210015	ADHYA SRIVASTAVA
33	10923210007	VEDANT MAHESH GARTHE
34	10923210004	ABHIJEET VERMA
35	10923210014	PRISHA BHARDWAJ
36	10923210011	MANIKA KAKKAR
37	10923210001	MONALIKA
38	10923210019	MITALI BHARDWAJ
39	10923210013	RIYAN ZUBAIR
40	10923210002	VIPUL TRIPATHI
41	10923210006	JIYA VERMA
42	10923210005	GARV SAXENA

## **A MASTERCLASS & WORKSHOP ON FOUNDATIONS OF CONTRACT DRAFTING: A BEGINNER'S GUIDE FOR FIRST-YEAR LAW STUDENTS**

**Organised By**

***CENTRE FOR CORPORATE, COMPETITION & INSOLVENCY LAWS (CCCIL)***

A Masterclass and Workshop on Foundations of Contract Drafting: A Beginner's Guide for First Year Law Students was organized by CCCIL (Centre for Corporate, Competition & Insolvency Laws) at Faculty of Law, SRMUH from 9:30 am to 12:30 pm on 10<sup>th</sup> April, 2024. The event aimed to provide the first-year law students with a comprehensive understanding of contract drafting essentials, facilitated by Mr. Bhumesh Verma, Managing Partner at CorpComm Legal, an esteemed resource person in the legal field.

The event commenced with the introduction of the guest given by Ms Kusum, Student of first year L.L.B. (Hons.) and proceeded with a sapling presented to the guest by Head of Department Prof. (Dr.) Sandeep Kulshrestha. As we move forward, Dean, Prof. (Dr.) Vijay Kumar Singh, took over the stage and presented a brief account of the topic of the day. Mr. Bhumesh Verma initiated the session by addressing fundamental concepts of contracts and agreements. He engaged the participants by questioning whether individuals enter into agreements in their daily lives, thereby illustrating the pervasive nature of contractual relations. Emphasizing the significance of written contracts, Mr. Verma highlighted their relevance for evidentiary purposes, ensuring clarity of terms, informing third parties, establishing commitment, and addressing trust issues. The resource person explored diverse perspectives on legal drafting, elucidating its multifaceted nature. He highlighted that a lawyer's role extends beyond mere representation to encompass proving innocence, providing solutions, and facilitating settlements. He also explained the rationale behind contract drafting, explaining the role of drafting in outlining rights and obligations, minimizing disputes, and safeguarding interests. During the session, he also shared five key tips for enhancing legal drafting proficiency which were:

*KISS Principle (Keep it Simple, Stupid):* Advocating simplicity in drafting to ensure clarity and comprehension.

*Miser with Words:* Emphasizing brevity and precision to convey information effectively.

*Condensation:* Encouraging concise expression without sacrificing substance.

*Understandable:* Stressing the importance of clarity and accessibility for diverse stakeholders.

*Value Addition:* Advising participants to add substantive value to their drafts through meticulous attention to detail.

In the second hour of the session, the students were acquainted with the essential elements requisite for a valid contract, including offer, acceptance, consideration, intention to create legal relations, capacity, and legality of object. Through illustrative examples, he elucidated the significance of each element in ensuring contractual validity. In the last part of the workshop, he discussed the Ten C's of Well-Drafted Contracts which were: Crisp, Clear, Concise, Complete, Common Sense, Correct, Don't be a Copycat, Calibration, Customized, Compliant, Conclusion.

**The Workshop concluded with signing of a Memorandum of Understanding with CorpComm Legal.**

Conclusion:

The workshop on Contract drafting was a valuable opportunity for the first year law students to gain foundational knowledge for effective legal drafting. The students gained a deeper understanding of contractual principles and acquired essential skills required for legal drafting.

Feedback of participants:

After the workshop concluded, the participants provided with excellent feedback and wanted to have more sessions like this in future. Some of the Feedback by the participants:

- *“Attending the workshop has given me a better understanding of drafting skills”*
- *The workshop was very enlightening and wonderful.*
- *We expect more of such sessions in the future.*
- *We found the concepts explained during the workshop to be clear and comprehensible.*

The poster is for a Masterclass & Workshop titled "Foundations of Contract Drafting: A Beginner's Guide for First-Year Law Students". It is organized by the Centre for Corporate, Competition & Insolvency Law. The event is scheduled for 10th April 2024, starting at 09.30 AM onwards, in Room No. A 509, New Law Building. The workshop is led by Mr. Bhumesh Verma, Managing Partner at CorpComm Legal. The poster features the logos of SRM University and the Centre for Corporate, Competition & Insolvency Law. It also includes a calendar icon indicating the date and a photo of Mr. Bhumesh Verma.

**A Masterclass & Workshop On**  
**Foundations of Contract Drafting:**  
**A Beginner's Guide for First-Year Law Students**

**Organised By**  
**CENTRE FOR CORPORATE, COMPETITION & INSOLVENCY LAW**

**Date**  
**10th April 2024**

**Time**  
**09.30 AM onwards**

**Venue**  
**Room No. A 509**  
**New Law Building**

**Coordinated by: Ms. Manpreet Kaur,**  
**Assistant Professor, SRMUH**

**Mr. Bhumesh Verma**  
**Managing Partner CorpComm Legal**







ATTENDENCE SHEET		
S. No.	Registration No.	Name
1	10922210012	RIYA
2	10922210005	SRISHTI GARG
3	10922210016	HIND SAAD
4	10922210013	POORAV SHARMA
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**A MEMORANDUM OF UNDERSTANDING BETWEEN FACULTY OF LAW, SRMUH  
AND  
CORP COMM LEGAL, NEW DELHI**

**(10<sup>th</sup> April, 2024)**

A Memorandum of Understanding was signed between Faculty of Law, SRM University, Delhi-NCR Sonapat and Corp Comm Legal, a leading Law firm with its headquarter in New Delhi, wherein **Mr. Bhumesh Verma** is the Managing Partner at Corp Comm Legal. The MOU was signed in the presence of **Prof. V. Samuel Raj**, Registrar, SRMUH, **Prof. (Dr.) Vijay Kumar Singh**, Dean Faculty of Law, **Prof. (Dr.) Sandeep Kulshrestha**, Head of the Department and all the faculty members from the Faculty of Law on 10<sup>th</sup> April, 2024 in the Mini Conference Hall, Administrative Block, SRMUH.



**Purpose of the MoU**

The MoU is signed for the purposes of Academic and Institutional collaboration, research, publication & internship opportunities to the students, professional development opportunities to the faculty members and students and to facilitate network opportunities with legal professionals both domestically & internationally, offering certificate courses, and organizing seminars, conferences, symposium, etc. Also, active efforts will be made to develop joint training and research programmes that will be pursued in a collaborative spirit in areas of Law & Technology.

## **Areas of Cooperation**

This Memorandum expresses a mutual desire from Faculty of Law, SRMUH and Corp Comm Legal in building intellectual and research capacity and scholarship in the area of Law & Technology. Also, it has been stated that additional areas of co-operation may be added in the agreement by written consent of both the parties.

## **Terms & Conditions of Cooperation**

The Faculty of Law & Corp Comm Legal have agreed mutually on certain terms and conditions under the MoU such as to collaborate in mutually agreeable academic events, teaching, training and research; to offer certificate courses in Law & Technology from time to time; invitations to faculty members for important seminars, conferences, & other events; collaborative research work between faculty members of SRMUH & members of Corp Comm Legal; applications for funds to national & international agencies shall be done with collaborative efforts from both the parties.



## **Intellectual Property and Confidentiality**

The Faculty of Law, SRMUH & Corp Comm Legal have agreed that in respect of each project and programmes of co-operation, both the parties shall negotiate and mutually agree in writing on their respective rights to intellectual property and commercial exploitation of the same. Also, it has been mentioned that neither party shall disclose any confidential information to any third party which is acquired in the course of activities under this Memorandum.

## **Dispute Resolution & Termination of MoU**

Both the parties under the Memorandum have agreed to settle any dispute that may crop up after the execution of the MoU, by Alternative Dispute Resolution Mechanism. Also, this Memorandum of Understanding is valid for a period of three years from the date of its execution but same can be extended by mutual agreement. Further, this MoU can be terminated by any party by giving three months' written notice and without jeopardizing the specific work already undertaken with mutual agreement.

## **Conclusion**

In conclusion, the Memorandum of Understanding between the Faculty of Law, SRMUH and Corp Comm Legal represents a significant step towards enhancing academic collaboration in the fields of Law and Technology. By outlining clear objectives, terms, and mechanisms for cooperation, the MoU lays the groundwork for fruitful engagement and mutual benefit. Moving forward, it is essential for both parties to uphold their commitments and leverage this collaboration to advance scholarship, research, and innovation in the legal field.





*Report Prepared By:*

*Ms. Manpreet kaur*

*Assistant Professor*

*Faculty of Law, SRMUH*

ATTENDENCE SHEET		
S. No.	Registration no.	Name
1	10422210003	K SABARI KUMAR
2	10422210004	SHUBHANKAR SHUKLA
3	10422210001	SOHANA BHATIA
4	10422210005	RACHIT
5	10422210002	SOUMENDRA NARAYAN ROY
6	10423210010	ANIMESH SHUKLA
7	10423210006	VAIZURS SRINIVASA ABHILAASH
8	10423210002	ARPIT GUPTA
9	10423210007	MOHAMMED ALNABIGHA KHAFALLA
10	10423210005	PRATEEK SHARMA
11	10423210001	YASH
12	10423210009	KARTIK DUHAN
13	10423210008	SHARAN PRUTHI
14	10423210004	RITIKA SHARMA

# Inter-Department Debate Competition Report



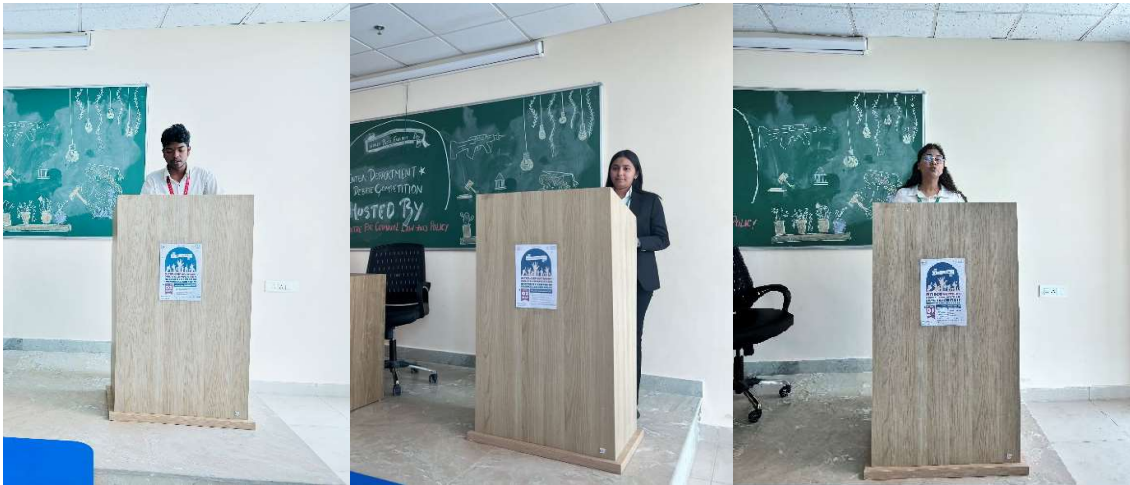
**"Freedom of the press is not just important to democracy, it is democracy." - Walter Cronkite**

On the auspicious occasion of the **31st World Press Freedom Day**, the **Centre for Criminal Law & Policy (CCLP)**, Faculty of Law, SRMUH, hosted a **captivating Inter-department Debate Competition**. The event aimed to celebrate the essence of press freedom while fostering insightful discussions on pertinent issues. The competition, held in Room No. 509 of the new building faculty of law on May 3, 2024, from 1:30 to 3:30 pm, witnessed enthusiastic participation from various departments. Under the discerning eye of **Judge Dr. Rajeev Ranjan**, the participants engaged in thought-provoking debates on topics ranging from the role of media in driving sustainable solutions to the significance of investigative journalism and environmental advocacy.



The event commenced with a compelling **speech by Manas Kejriwal** from the Criminal Law Center, underscoring the **importance of World Press Freedom Day and the pivotal role of the press in shaping societal narratives.**

Anchored with finesse by Riya, the competition saw Mansi gracefully calling upon each participant, adding a touch of professionalism to the proceedings.



**Three compelling topics framed the discourse, ranging from the media's role in driving sustainable solutions to the emergence of environmental journalism in the digital age.** The participants, each armed with fervor and eloquence, articulated their perspectives with conviction. Noteworthy mentions include:-

1. **Drishti Aggarwal,**
2. **Prabhav Vishwas Sharma,**
3. **Sujal,**
4. **Navvya Chaudhary,**
5. **Yunus Syed,**
6. **Kavaya Dawar**

who eloquently championed the motion. Conversely,

7. **Harindu Chaudhary**
8. **Srishti Mukherjee**

valiantly opposed, presenting a nuanced counter-narrative.



Out of the eight passionate participants, the **winners** emerged through their articulate arguments and persuasive rhetoric.

1. **Prabhav Vishwas Sharma** secured the first position with his compelling advocacy for investigative journalism and environmental awareness.
2. **Srishti Mukherjee** claimed the second position, offering a nuanced perspective against the motion.
3. **Navvya Chaudhary** clinched the third position, advocating for media's role in driving sustainable solutions.



Their remarkable performances were duly recognized with exciting prizes and heartfelt appreciation. **Mrs. Kanika, the faculty convener of the center, honored Dr. Rajeev Ranjan with a certificate of appreciation for his invaluable contribution as the judge.** Additionally, participants and winners alike were bestowed with e-certificates of participation and handmade postcards, symbolizing gratitude and recognition for their contributions towards fostering meaningful dialogue and promoting press freedom.



The Inter-department Debate Competition served as a testament to the enduring power of discourse and the pivotal role of academia in nurturing informed citizenship. It underscored the importance of media in shaping societal consciousness and advocating for a sustainable future. As the curtains drew to a close on this enriching event, participants departed with newfound insights and a renewed commitment to upholding the principles of press freedom and environmental stewardship.



Warm Regards,  
Mrs. Kanika Aggarwal  
Faculty Convenor  
Centre for Criminal Law and Policy  
SRMUH, Faculty of Law

ATTENDENCE SHEET		
S. No.	Registration No.	Name
1	40521210013	NITU .
2	40521210011	NANCY .
3	40521210003	NIDHI
4	40521210005	NICKY KUMARI SINGH
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23	40522210002	LEENA JINDAL
24	40522210005	DIKSHA

# Report on One Day Seminar on "Applications of Algebra in Cryptography"

**Date:** 17th May 2024 (Tuesday)

**Organized by:** Department of Mathematics

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## Introduction

The Department of Mathematics successfully organized a one-day seminar on "Applications of Algebra in Cryptography" on the 17th of May, 2024. The seminar aimed to bridge the gap between theoretical mathematics and practical cryptographic applications, providing a platform for students, academicians, and industry professionals to explore the role of algebra in the field of cryptography.

## Welcome Address

The seminar commenced with a warm welcome address by the Dean Science & Humanities Prof. Rakesh Dube. Dr. Neeraj Kumar Head of the Department emphasized the importance of algebra in the modern digital age, particularly its critical applications in ensuring data security and privacy.

## Keynote Speaker

The keynote address was delivered by Mr. Hareshdeep Singh, Scientist - C, Scientific Analysis Group (SAG), DRDO, New Delhi. Mr. Singh's talk focused on the historical evolution of cryptographic techniques and the pivotal role that algebraic structures, such as groups, rings, and fields, play in the development of modern encryption algorithms.

## Technical Sessions

The seminar featured three technical sessions, each highlighting different aspects of algebraic applications in cryptography:

### 1. Session 1: Algebraic Foundations of Cryptography

- Mr. Singh provided an in-depth overview of the algebraic principles that form the foundation of cryptography systems. She discussed key concepts such as modular arithmetic, finite fields, and polynomial rings, and illustrated their applications in cryptography algorithms.

### 2. Session 2: Public-Key Cryptography

- Mr. Singh delved into the mechanics of public-key cryptography, explaining how algebraic structures are used to create secure communication channels. He covered the RSA algorithm, Diffie-Hellman key exchange, and Elliptic Curve Cryptography (ECC), providing practical examples of their implementation.

### **3. Session 3: Advanced Topics in Algebraic Cryptography**

- Mr. Singh explored advanced topics such as lattice-based cryptography and homomorphic encryption. She highlighted ongoing research and potential future developments in these areas, stressing the importance of algebra in tackling emerging cryptography challenges.

### **Conclusion**

The seminar concluded with a vote of thanks by Dr. Sanjay Kumar, Coordinator of the event. Dr. Kumar expressed gratitude to the speakers, participants, and organizing committee for their contributions to the seminar's success. He also acknowledged the support of the university administration and technical staff.

### **Feedback and Acknowledgments**

Participants were invited to provide feedback on the seminar, which was overwhelmingly positive. Many appreciated the depth and clarity of the talk as well as the opportunity to engage with experts in the field.

The Department of Mathematics extends its heartfelt thanks to all who contributed to the event's success and looks forward to organizing similar events in the future to foster academic and professional growth in the field of mathematics and cryptography.

### **Photographs**



**SRM**  
UNIVERSITY  
DELHI-NCR, SONEPAT

Faculty of Science & Humanities

Presents

# One Day Seminar on Applications of Algebra in Cryptography



**SPEAKER**

**Mr. Harshdeep  
Singh**

Scientist - C  
Scientific Analysis Group (SAG)  
DRDO, New Delhi.

**Time:**  
10:30 AM  
(IST)

**Date:**  
Tuesday,  
21<sup>st</sup> May, 2024

**Coordinators:**  
Dr. Neeraj  
Kumar     Dr. Sanjey  
Kumar

**Venue:**  
Conference Room, 5th Floor,  
Engineering Block, SRMUH

**Organised by Department of Mathematics**

[www.srmuniversity.ac.in](http://www.srmuniversity.ac.in)







ATTENDENCE SHEET		
S. No.	Registration No.	Name
1	40521210014	SHREYA
2	40521210012	ANKITA
3	40521210004	MAHESH
4	40521210009	ANJALI KUMARI
5	40522210004	SIMRAN
6	40522210001	SAKSHI
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14	40521210013	NITU .
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20	40521210010	DEEPIKA GUPTA
21	40521210001	NEHA
22	40521210007	NIKKI
23	40521210008	SHEETAL DUHAN

## **Brief Report of One-Day Training program on "Industrial Automation and Application".**

### **Executive Summary:**

The one-day training program on "Industrial Automation and Application" was held on April 15, 2024 at ACMA Centre of Excellence, SRM University, Delhi NCR, Sonipat which was organized by the Department of Mechanical Engineering. The program aimed to equip participants with fundamental knowledge and practical skills in pneumatic and hydraulic systems, as well as PLC programming. A welcome speech was given by Dr. R. Sankar, Head of the Department, Mechanical Engineering.

Dr. Ranjit Roy, Dean Engineering and Technology emphasized the importance of continuous learning and professional development in the rapidly evolving field of engineering. He highlighted the pivotal place of Programmable Logic Controller (PLC) as a multifaceted tool in industrial automation.

Mr. Usman Ali, an experienced professional in the field of automation and control systems, served as the trainer for the program. With his in-depth knowledge and engaging teaching style, Mr. Ali effectively delivered the training sessions, ensuring active participation and learning among the participants.

### **Objective:**

The primary objective of the training program was to provide students with comprehensive insights into pneumatic and hydraulic control systems, along with practical training in PLC programming. The program aimed to enhance students' understanding of these crucial industrial technologies and empower them to apply their knowledge effectively in real-world scenarios.

### **View of the participants:**

The training program attracted participants from diverse backgrounds, including engineering students, professionals, and industry practitioners. Their enthusiasm and eagerness to learn contributed to the success of the program.

### **Training Content:**

The training sessions covered the following key topics:

Introduction to Pneumatics and Hydraulics:

Basic principles and applications

Components of pneumatic and hydraulic systems

Safety considerations

### **Pneumatic Control Systems:**

Pneumatic circuit design

Control valves and actuators

Troubleshooting techniques

### **Hydraulic Control Systems:**

Hydraulic circuit design

Hydraulic pumps, motors, and actuators

Fluid dynamics and control

### **Hands-on Practical Sessions:**

Simulation exercises on pneumatic and hydraulic systems

PLC programming exercises using industry-standard software

### **Conclusion:**

The one-day training program on Pneumatic and Hydraulic Control and PLC Programming was a resounding success, thanks to the combined efforts of the organizers, trainer, and participants. The comprehensive coverage of theoretical concepts, coupled with hands-on practical sessions, provided participants with a solid foundation in pneumatic and hydraulic systems and PLC programming. The program concluded with positive feedback from the participants, affirming its value in enhancing their skills and knowledge of industrial automation technologies.

This event was successful with the keen initiative of the Department of Mechanical Engineering with the active involvement of Dr R.Sankar, HoD, ME, Dr. N.K.Sharma and all the faculty members of the department. This training program served as a platform for meaningful dialogue and laid the groundwork for future discussion.



The poster is for a training program titled "INDUSTRIAL AUTOMATION AND APPLICATION". It features a dark blue background with a blurred image of industrial machinery. At the top left is the NAAC A+ logo, and at the top right is the SRM University logo. The text "FACULTY OF ENGINEERING AND TECHNOLOGY PRESENTS" is centered above the title. The title itself is in large, bold, white capital letters. Below the title, it lists the topics: "PNEUMATIC CONTROL | HYDRAULIC CONTROL | PROGRAMMABLE LOGIC CONTROL". The date and time "APRIL 15, 2024 9:30 AM" are shown next to a calendar icon. The venue "ACMA Centre of Excellence, EB" is indicated with a location pin icon. A circular portrait of the speaker, Mr. Usman Ali, is placed above his name and title. The speaker's name and title are in white text. At the bottom, it says "Organized by Department of Mechanical Engineering".

NAAC A+ FACULTY OF ENGINEERING AND TECHNOLOGY PRESENTS SRM UNIVERSITY DELHI-NCR, SONEPAT

**ONE DAY TRAINING PROGRAM ON**

**INDUSTRIAL AUTOMATION AND APPLICATION**

PNEUMATIC CONTROL | HYDRAULIC CONTROL | PROGRAMMABLE LOGIC CONTROL

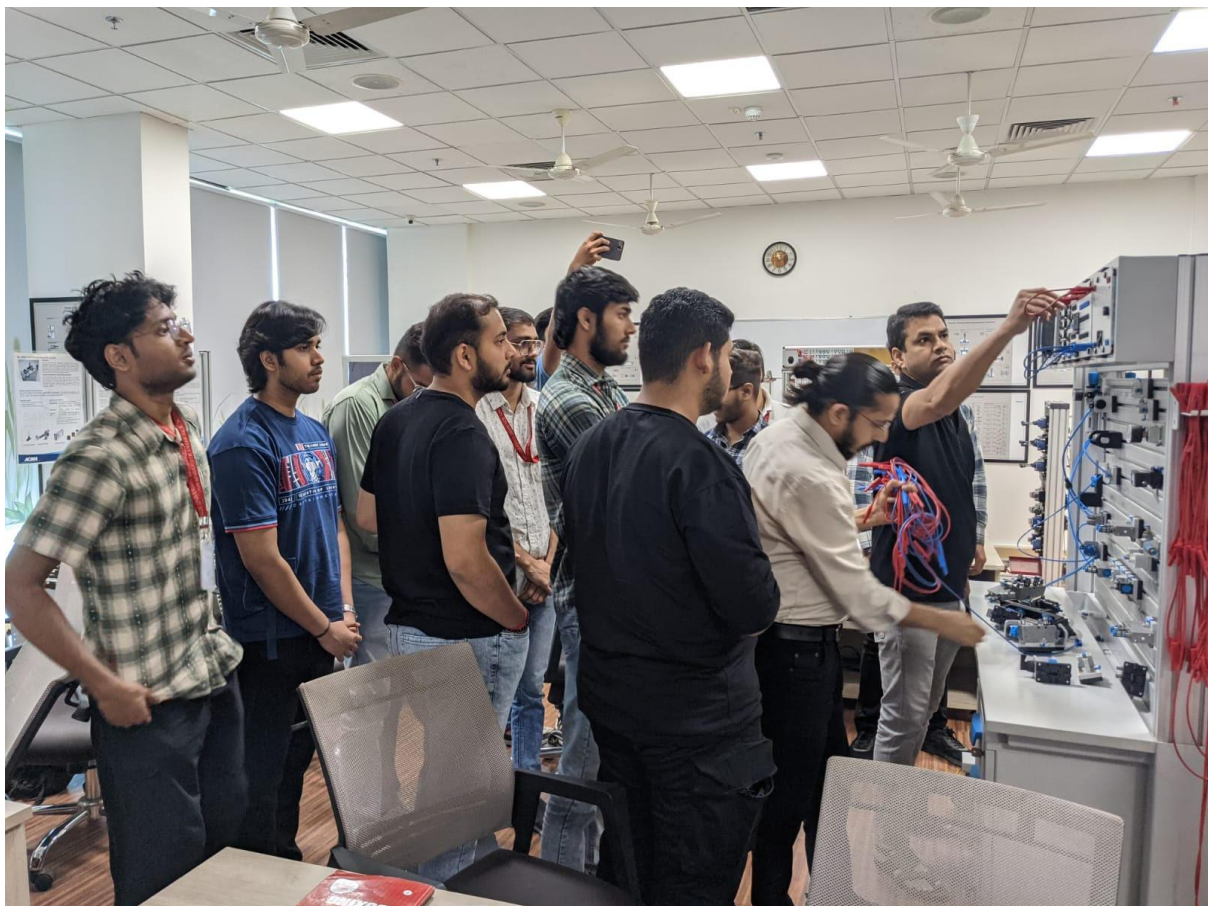
APRIL 15, 2024 9:30 AM

VENUE: ACMA Centre of Excellence, EB

**SPEAKER**

**Mr. Usman Ali**  
Faculty, ACMA Centre of Excellence  
SRMUH

Organized by Department of Mechanical Engineering



ATTENDENCE SHEET		
S. No.	Registration no.	Name
1	10422210003	K SABARI KUMAR
2	10422210004	SHUBHANKAR SHUKLA
3	10422210001	SOHANA BHATIA
4	10422210005	RACHIT
5	10422210002	SOUMENDRA NARAYAN ROY
6	10423210010	ANIMESH SHUKLA
7	10423210006	VAIZURS SRINIVASA ABHILAASH
8	10423210002	ARPIT GUPTA
9	10423210007	MOHAMMED ALNABIGHA KHAFALLA
10	10423210005	PRATEEK SHARMA
11	10423210001	YASH
12	10423210009	KARTIK DUHAN
13	10423210008	SHARAN PRUTHI
14	10423210004	RITIKA SHARMA

## **Brief Report of One-Day Workshop on "Indian Auto Industry: A Future Prospect"**

### **Objective:**

The one-day workshop titled "Indian Auto Industry: A Future Prospect" was organized by the **Department of Mechanical Engineering** of the **Faculty of Engineering and Technology**. The main objective of this workshop was to provide insights into the current status and future trends of the Indian Automobile Industry. The workshop also sought to foster discussions on strategies for sustainable growth and challenges faced by the automobile industry.

### **Chief Guest and Speaker:**

Mr. M. M. Singh, Executive Director & Group Manufacturing Advisor, Maruti Suzuki India Limited, a renowned figure in the automotive industry, graced the workshop as the chief guest and speaker. With his extensive experience of more than 40 years and profound knowledge in the automobile sector, Mr. Singh provided valuable insights into the prospects of the Indian Auto Industry.

### **Workshop Highlights:**

The event was inaugurated by Prof. (Dr.) V. Samuel Raj, Registrar, and Dean Academic Affairs with a warm welcome to the guest speaker by presenting tokens of respect. He highlighted the sector's resilience in overcoming challenges and its potential for further growth. He emphasized how the Indian Automobile Industry has historically been a good indicator of the economy and plays a key role in both macroeconomic expansion and technological advancement.

The event was also graced by Dr. Ranjit Roy, Dean Engineering & Technology. He highlighted the impact of electric vehicles in the Indian Automobile sector and the gradual shift of the automobile market towards green technology. He also emphasized the paradigm shift of the automobile sector toward AI-based technology which will provide advanced driving assistance as well as prevent accidents.

Dr. R Sankar, Head of Department of Mechanical Engineering introduced the Chief Guest to the august audience.

The workshop commenced with a keynote address by Mr. M. M. Singh, who emphasized the significance of the Indian auto industry in the global market. He highlighted the sector's resilience in overcoming challenges and its potential for further growth.

### **Key highlights and discussions during the workshop included:**

***Current Scenario of the Indian Auto Industry:*** An overview of the current trends, market dynamics, and challenges faced by the Indian auto industry was presented, setting the stage for further discussions.

***Technological Advancements and Innovation:*** The workshop delved into the role of technology and innovation in shaping the future of the auto industry. Discussions revolved around electric vehicles (EVs), autonomous driving, and sustainable manufacturing practices.

***Policy and Regulatory Framework:*** The regulatory environment and government policies affecting the auto industry were discussed, focusing on initiatives to promote electric and hybrid vehicles, emission norms, and safety regulations.

**Market Opportunities and Challenges:** Opportunities for growth in the Indian auto market, including increasing demand, evolving consumer preferences, and the rise of shared mobility services, were analysed. Challenges such as infrastructure constraints, supply chain disruptions, and global economic uncertainties were also addressed.

**Skill Development and Human Resource Challenges:** The workshop highlighted the importance of skill development and talent acquisition in the auto industry. Discussions centered around strategies to address the shortage of skilled labor and adapt to technological advancements.

**Future Outlook and Strategies:** The workshop concluded with a forward-looking perspective on the future of the Indian auto industry. Strategies for sustainable growth, including R&D investments, collaboration with academia, and market diversification, were discussed.

### Conclusion:

The one-day workshop on "Indian Auto Industry: A Future Prospect" provided valuable insights into the current scenario and future outlook of the sector. The discussions and presentations offered a comprehensive understanding of the challenges and opportunities faced by the industry. The event concluded with a sense of optimism and determination to navigate through the evolving landscape of the auto industry.

This event was successful with the keen initiative of the Department of Mechanical Engineering with the active involvement of Dr R. Sankar, HoD, ME, Dr. N. K. Sharma and all the faculty members of the department. This workshop served as a platform for meaningful dialogue and laid the groundwork for future discussion.




**8<sup>th</sup> ONE DAY WORKSHOP ON  
INDIAN AUTO INDUSTRY:  
A FUTURE PROSPECT**

IN COLLABORATION WITH BOSCH AND SSCoE

**DATE & TIME**  
Apr 25, 2024  
11:30 AM TO 1:30 PM

**Organized by:**  
Department of Mechanical Engineering and  
MSME, Government of India, SRMUH and BOSCH Collaboration Center.

---

**CO-ORDINATOR**  
Dr. R. Sankar  
Associate Professor & HOD,  
MSME Capacity Building (SMC),  
Department of Mechanical Engineering  
SRM University, Delhi-NCR, Sonapat, Haryana

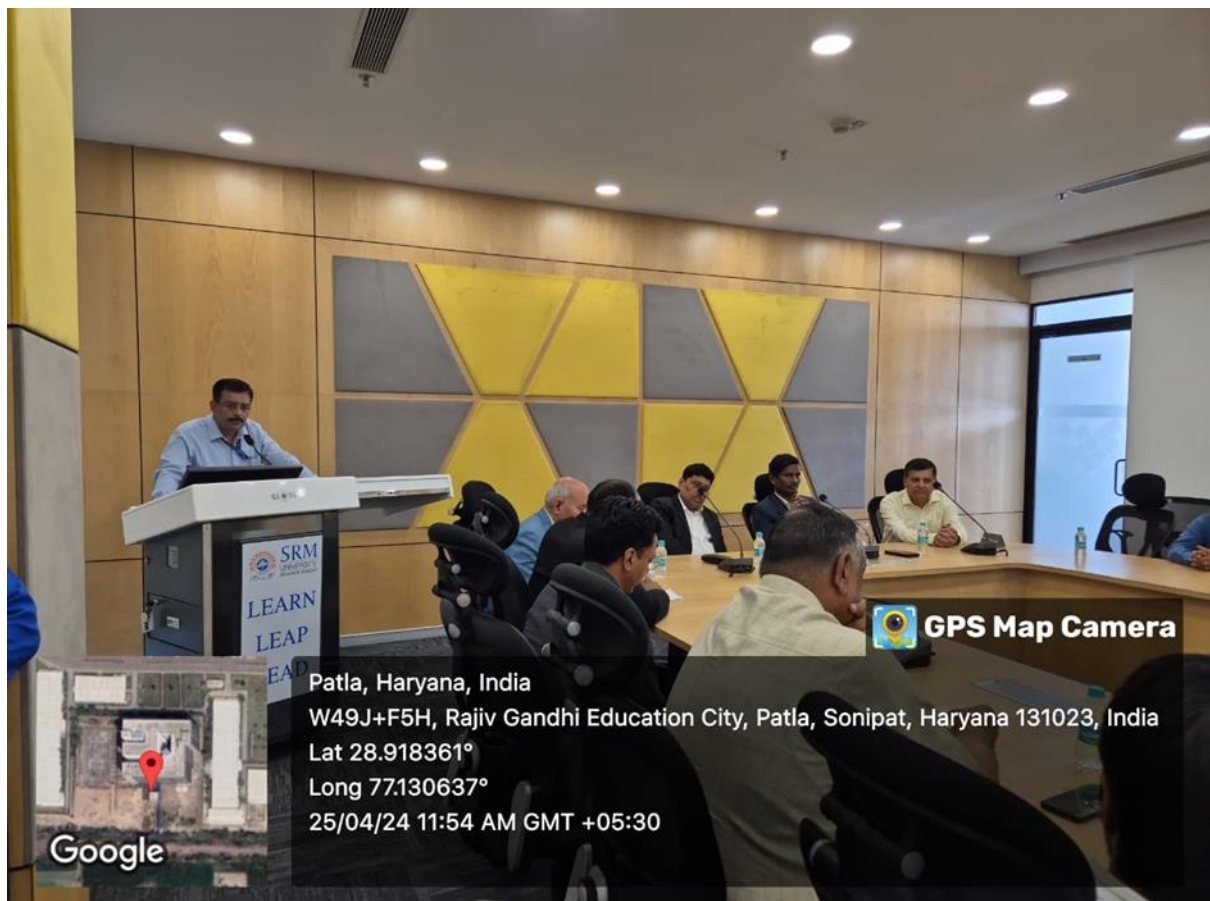
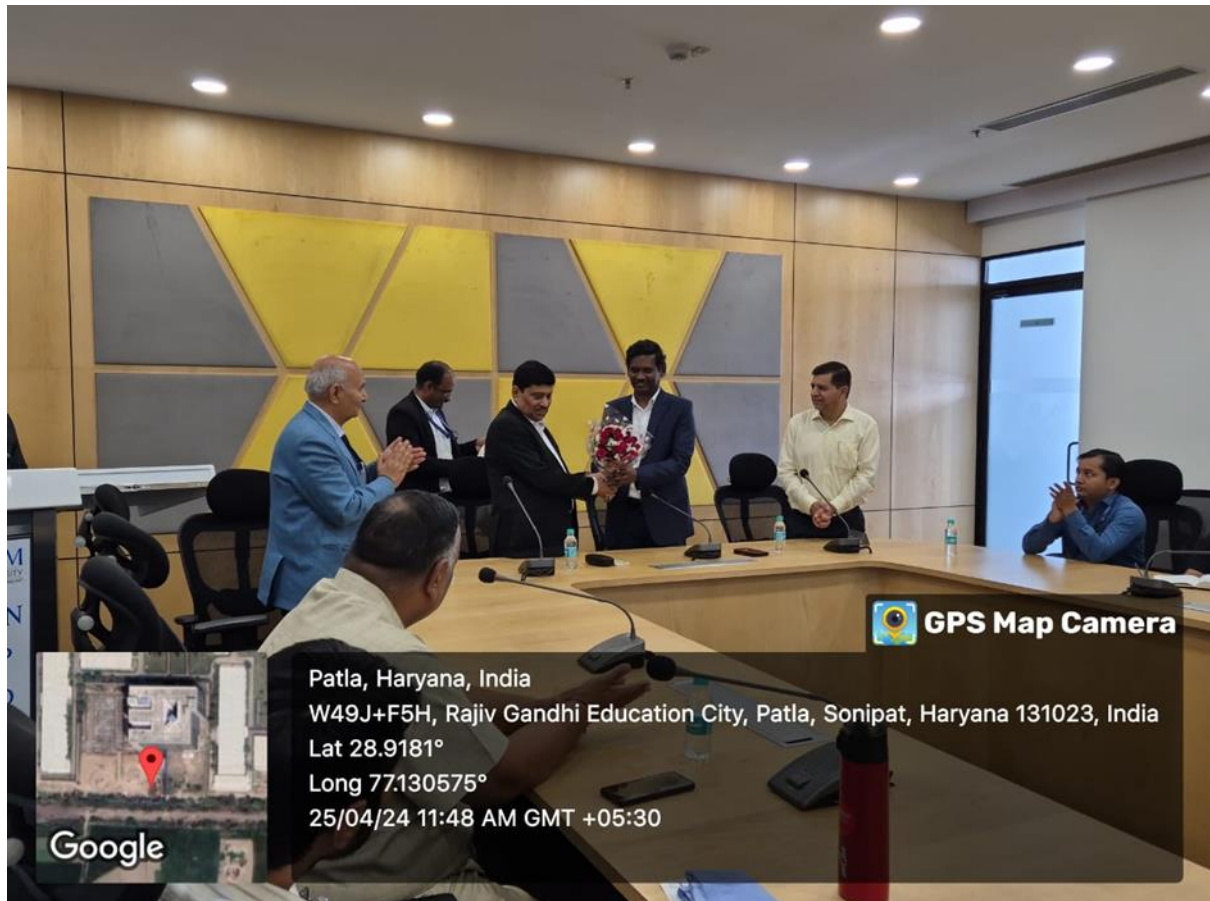
**CO-COORDINATOR**  
Dr. N.K. Sharma  
Assistant Professor,  
Department of Mechanical Engineering  
SRM University, Delhi-NCR, Sonapat, Haryana

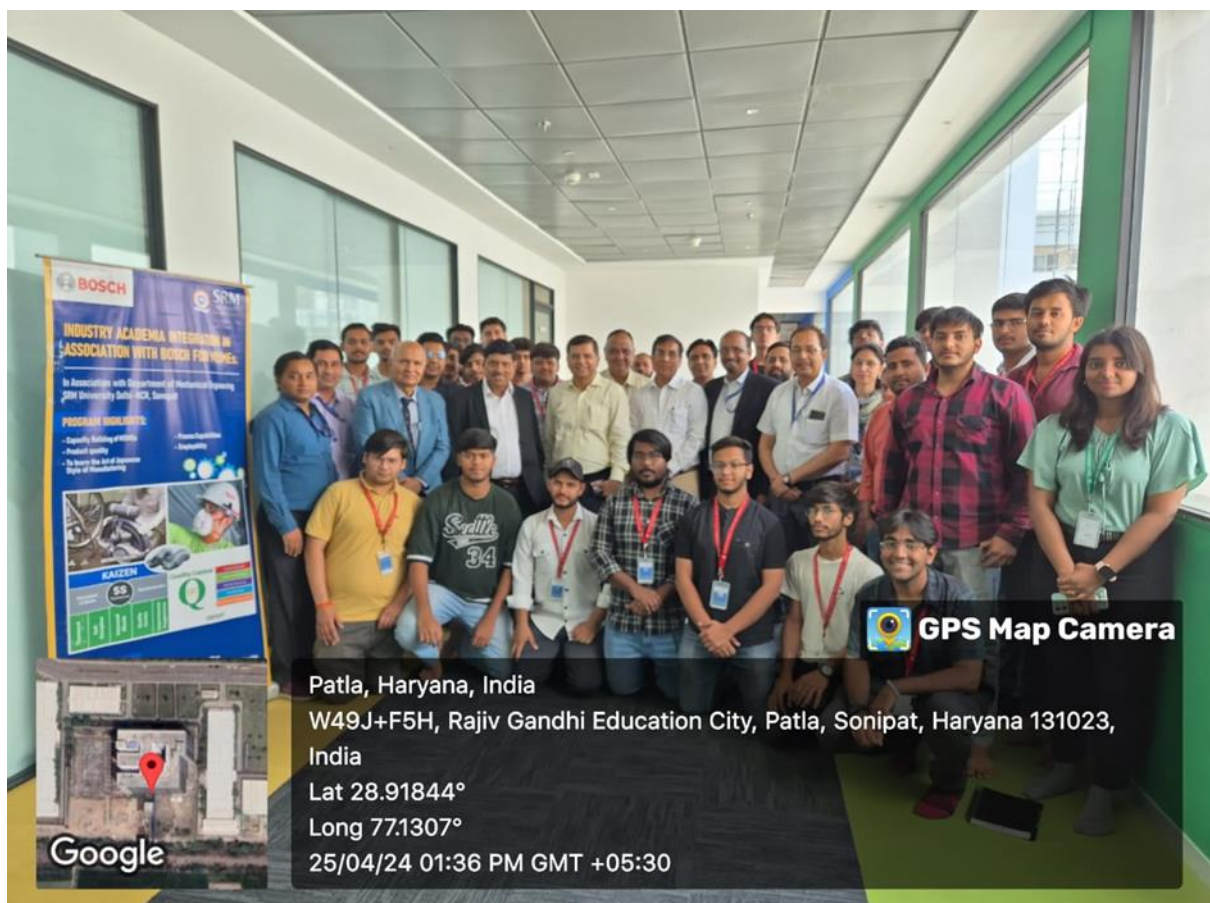
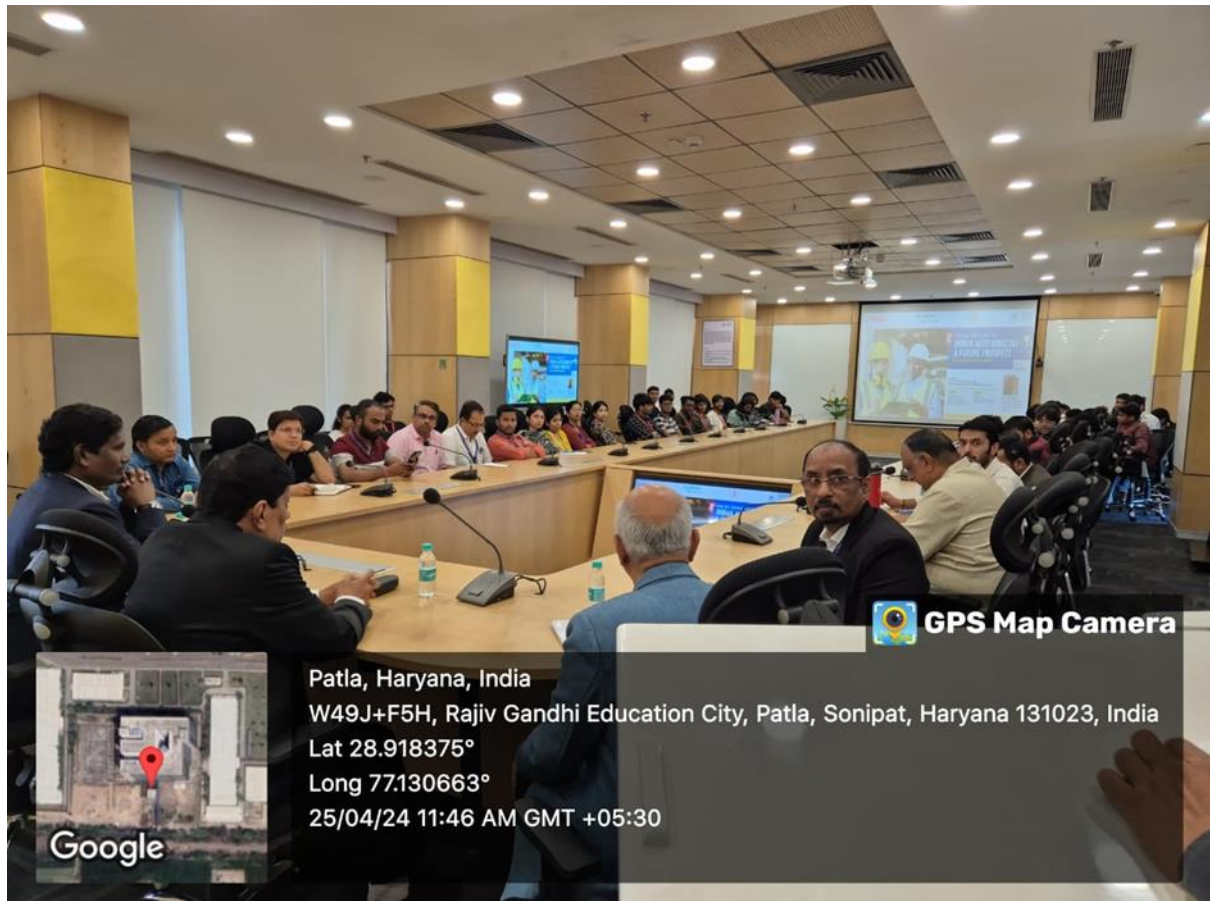
**CHIEF GUEST**



**Mr. M. M. Singh**  
Plant Manager and Executive Director,  
Maruti Suzuki India Limited  
Group Manufacturing Adviser  
UNO Minda

Venue: Mini Conference Room, 5th Floor, Engineering Block, SRM University Delhi-NCR, Sonapat





ATTENDENCE SHEET		
S. No.	Registration No.	Name
1	42721210001	SNEHA CHATURVEDI
2	40121210002	MITALY
3	40121210003	ISHIKA BANSAL
4	40121210004	KASHIKA
5	40121210001	RAKSHITA ARORA
6	42722210007	POOJA
7	42722210003	RITIKA
8	42722210001	PRERNA
9	42722210006	AARTI SAROHA
10	42722210005	RAVJOT SINGH BAGGA
11	42722210002	HARSHITA BISHT
12	42722210004	NISHA
13	42722210008	KUMUD CHOUDHARY
14	40122210009	AAYUSHI GOEL
15	40122210010	DEEPIKA SAINI
16	40122210007	DEEPANSHI BATRA
17	40122210001	PINKI
18	40122210008	RAHUL BHUTANI

Event entitled "Science is for Everyone 2.0" event on April 29, 2024, commemorating the birth anniversary of Max Planck, a pioneer in quantum physics. The event aimed to foster scientific enthusiasm and knowledge among students through various competitions and activities.

Event Activities:

**Essay Writing Competition:**

Venue: Room 205, Engineering Block

Topics:

Need of Alternative Energy Sources: Promising methods of generation of alternate energy source

Quantum Technology: How Quantum Computation is going to change the world of computation

National Education Policy 2020, Women in Science

Over 40 students participated, showcasing their writing prowess.

Faculty members evaluated the essays, and the top three students were awarded for their outstanding contributions.

**Poster Presentation:**

Venue: Old Law Block

Topics:

Quantum world, Alternate Energy Source, Vividhta me Ekta (Unity in Diversity), Space Exploration

Participants presented posters measuring 70cm x 55cm on diverse scientific themes.

Judges, including esteemed faculty members, evaluated the presentations and recognized the top three participants for their creativity and content.

**Quiz Competition:**

Venue: Room 109 and 210, Engineering Block

Teams of two to three members participated in a preliminary round based on multiple-choice questions (MCQs).

The top four teams advanced to the final round, where they showcased their knowledge of general science.

**Prize Distribution:**

The event concluded with a prize distribution ceremony held at 4 PM in Room 210, Engineering Block. Professor Rakesh Dube, the Dean of Science and Humanities, presented prizes and certificates to the winners, acknowledging their excellence in scientific endeavours.

"Science is for Everyone 2.0" successfully celebrated the legacy of Max Planck while promoting scientific inquiry and innovation among students. The event provided a platform for participants to showcase their talents, engage in meaningful discourse, and celebrate the diverse facets of science. Such initiatives play a vital role in nurturing the next generation of scientists and fostering a culture of scientific curiosity and exploration.









ATTENDENCE SHEET		
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17	40122210001	PINKI
18	40122210008	RAHUL BHUTANI



## Even Report On

### Educational Visit to “Inter-University Accelerator Centre” (IUAC), New Delhi

Department of Physics of SRM University Delhi-NCR, Sonapat conducted an educational visit to Inter- University Accelerator Centre (IUAC), Delhi on April 30, 2024 in collaboration with Department of Food Technology. The visit aimed to provide students with practical exposure to the facilities and research activities at the Inter-University Accelerator Centre (IUAC) in Delhi.

Inter-University Accelerator Centre (IUAC) was set-up by the University Grants Commission as the first Inter-University Centre (IUC) called Nuclear Science Centre after due approval of the Planning Commission and the Prime Minister in October, 1984. In the quest of innovation & capacity building in the areas of accelerator driven research, IUAC is India’s premier laboratory for university researchers. IUAC is to provide necessary powerful tools used by scientists to understand the mysteries of matter, energy, space and time by looking at the processes that work at the bigger, smaller and faster scales. IUAC also provides opportunities to the young minds of our nation and strengthens the pool of scientists by building a brighter future through scientific understanding.

Details of the visit are as follows

Date: April 30, 2024

Day: Tuesday

Visiting Center: Inter-University Accelerator Centre (IUAC), Delhi

No. of Participants:

Physics Department students: 17 (UG and PG combined)

Food Technology Department Students: 8

Faculty Members from the Department of Physics: 2

Total participants: 27

#### **Program Schedule:**

From the SRM campus, we started the trip around 9:30 AM. Upon arrival, the program at IUAC was divided into two parts.

1. **Talk by IUAC Scientists:** Upon arrival at IUAC at 11:00 AM, the first part of the program consisted of a comprehensive talk given by IUAC scientists, providing an overview of the science, research, and facilities available at the IUAC center. This session aimed to familiarize the students with the various research areas and experimental techniques employed at IUAC.
2. **Visit to Facilities:** The second part of the program involved a guided tour of all the facilities at IUAC. Students had the opportunity to visit different experimental setups, laboratories, and related facilities, where they observed ongoing research projects and interacted with scientists and researchers.

We left the IUAC center at 3:30 PM, after completion of the tour and discussions at IUAC.

### **Acknowledgments:**

We extend our sincere gratitude to the authorities at SRM University Delhi-NCR for their wholehearted support and encouragement in organizing this educational visit. Their support has been instrumental in providing our students with valuable learning opportunities and exposure to cutting-edge research facilities. We thank to IUAC for providing opportunity to our students to visit their research center.

### **Conclusion:**

The educational visit to IUAC provided students and faculty members with a unique opportunity to explore advanced scientific facilities and witness ongoing research activities in the various fields of physics such as nuclear, particle acceleration, material, etc. Such visits play a crucial role in broadening students' horizons and fostering their interest in scientific research and innovation.

Here are some of the glimpses of the events.

### **Photographs**

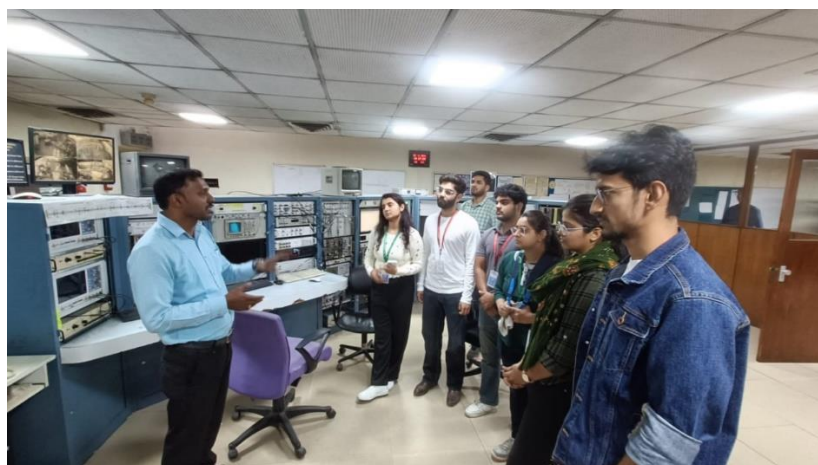


Group photos at the time of start of visit



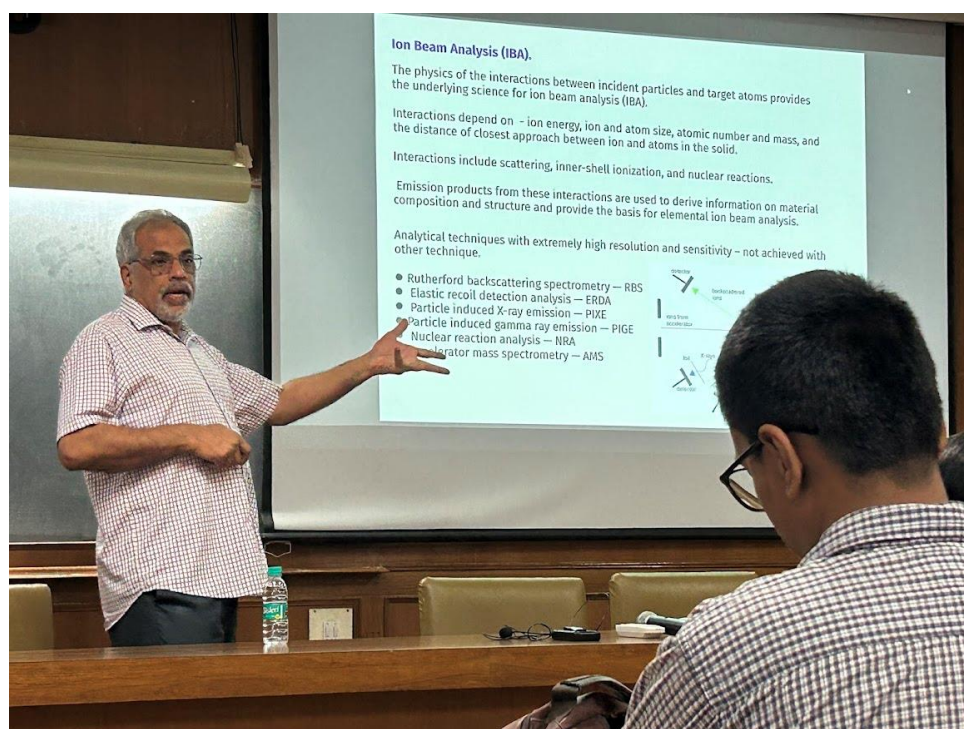


Group photo at IUAC





Students visiting various IUAC facilities and interacting with scientists and researchers



Talk giving by IUAC scientist

ATTENDENCE SHEET		
S. No.	Registration No.	Name
1	40521210013	NITU .
2	40521210011	NANCY .
3	40521210003	NIDHI
4	40521210005	NICKY KUMARI SINGH
5	40521210006	NANDITA DOHERE
6	40521210002	KOMAL SEHRAWAT
7	40521210010	DEEPIKA GUPTA
8	40521210001	NEHA
9	40521210007	NIKKI
10	40521210008	SHEETAL DUHAN
11	40521210014	SHREYA
12	40521210012	ANKITA
13	40521210004	MAHESH
14	40521210009	ANJALI KUMARI
15	40522210004	SIMRAN
16	40522210001	SAKSHI
17	40522210003	ADITI SINGH
18	40522210007	NIKITA MALIK
19	40522210009	SWATI .
20	40522210008	SHEETAL
21	40522210010	SHRUTI CHAURASIA
22	40522210006	PAYAL
23	40522210002	LEENA JINDAL
24	40522210005	DIKSHA



## Even Report On 2-Day workshop on DATA ANALYTICS

The Department of Physics SRM University, Delhi-NCR in collaboration with the Center for Innovation, Incubation and Entrepreneurship (CIIE), organized a two-day workshop on data analytics held on May 2<sup>nd</sup> and 3<sup>rd</sup>, 2024. This collaborative effort aimed to equip participants/students with essential skills in data analysis and interpretation, fostering an environment conducive to innovation and entrepreneurship.

Data analytics is a pivotal field in today's data-driven world, enabling organizations to extract valuable insights from vast amounts of data. This workshop focused on imparting practical knowledge of data analytics tools and techniques, emphasizing their application across various domains.

### **Event Details:**

Date: May 2-3, 2024 (2-days)

Venue: Room No. 211, Center for Innovation, Incubation and Entrepreneurship (CIIE)

Number of Participants Selected: 40

Number of Participants Successfully Completed the Course: 32

Spokespersons/Mentors for the Workshop: Mayank Gupta, Shivansh, Sumit, Ashwin, Rahul

### **Progress of the Workshop**

**First Day of the Workshop:** The morning session commenced at 10:30 AM and ended at 1:00 PM, covering topics on Excel and Power BI. Participants delved into hands-on exercises and interactive sessions facilitated by the expert mentors, gaining practical insights into data manipulation and visualization using these tools. The evening session, from 2:00 PM to 4:30 PM, provided further depth on the applications of Excel and Power BI in real-world scenarios.

**Second Day of the Workshop:** Similar to the first day, the morning session started at 10:30 AM and ended at 4:30 PM, focusing on SQL and Python for data analytics. Participants learned about data querying, manipulation, and analysis using SQL, followed by an introduction to Python programming for data science applications. The evening session from 2:00 PM to 4:30 PM provided hands-on practice and application of SQL and Python concepts learned earlier in the day. At the end, the winners of the quiz and other activities got a prize.

### **Key Outcomes of the Workshop:**

Enhanced understanding of data analytics tools such as Excel, Power BI, SQL, and Python.

Practical skills in data manipulation, visualization, querying, and analysis.

Insight into real-world applications of data analytics across various domains.

Strengthened collaboration and networking among participants and mentors.

## Summary

The two-day workshop on data analytics from May 2-3, 2024, proved to be a valuable learning experience for participants and students, equipping them with essential skills and knowledge to navigate the rapidly evolving landscape of data-driven decision-making. Through interactive sessions and practical exercises, participants gained hands-on experience in utilizing various tools and techniques for effective data analysis and interpretation.

## Acknowledgments:

We extend our sincere gratitude to the authorities at SRM University Delhi-NCR for their wholehearted support and encouragement in organizing this workshop for the students.

Here are some of the glimpses of the events.

## Photographs



The poster is for a 2-day workshop on Data Analytics held from May 2-3, 2024. It features logos for NAAC A+ Grade, Physics Pathshala, CIIE, and SRM University Delhi-NCR. The main text reads '2-DAYS WORKSHOP ON DATA ANALYTICS May 2-3, 2024 Organized by Department of Physics in collaboration with CIIE'. A QR code is provided for registration, with a note that the last date is May 1, 2024, and all participants will receive certificates. Contact information for Dr. Navin Chandra Joshi is listed at the bottom.

NAAC A+ GRADE

PHYSICS PATHSHALA  
LEARN WITH FUN

CIIE  
Centre for Innovation, Entrepreneurship and Leadership

SRM UNIVERSITY  
DELHI-NCR, SONEPAT

2-DAYS  
WORKSHOP ON

**DATA  
ANALYTICS**

May 2-3, 2024

Organized  
by  
Department of Physics  
in collaboration with  
CIIE

QR code to get registration.

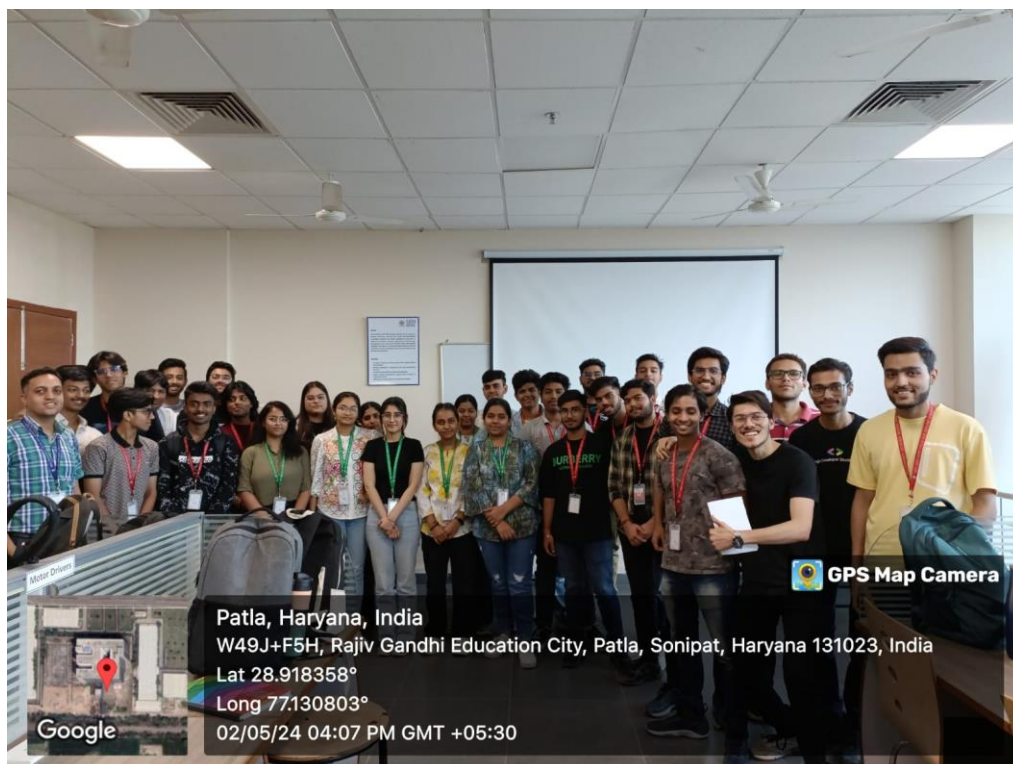
Last date of registration is May 1, 2024  
All participants will get certificates

7300516775 (Dr. Navin Chandra Joshi)  
Physics Department and CIIE center  
ncjoshi@srmuniversity.ac.in  
hod.physics@srmuniversity.ac.in

## Workshop Poster



Photographs of the morning session on the first day



Group photograph of the evening session on the first day



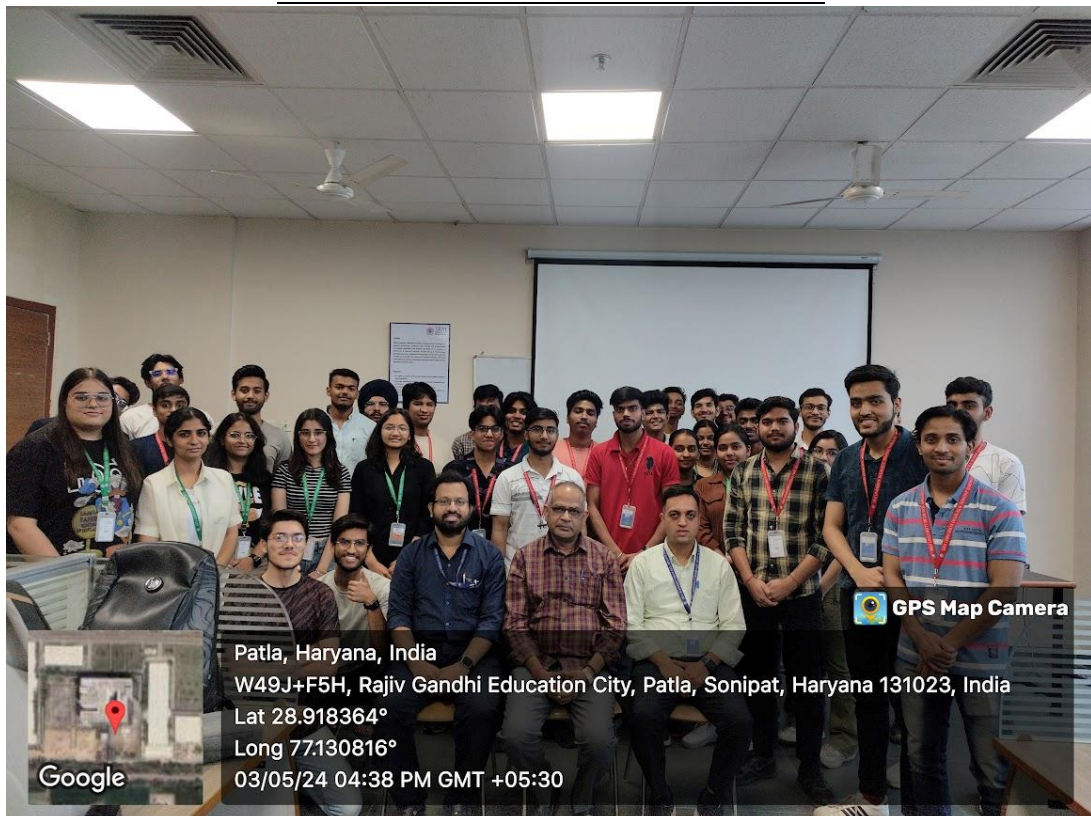
Photographs of the morning session on the second day



Photographs of the evening session on the second day



Prize distribution for the winner



Group photo at the end of the workshop with all the participants

ATTENDENCE SHEET		
S. No.	Registration No.	Name
1	10923210001	MONALIKA
2	10923210019	MITALI BHARDWAJ
3	10923210013	RIYAN ZUBAIR
4	10923210002	VIPUL TRIPATHI
5	10923210006	JIYA VERMA
6	10923210005	GARV SAXENA
7	10922210012	RIYA
8	10922210005	SRISHTI GARG
9	10922210016	HIND SAAD
10	10922210013	POORAV SHARMA
11	10922210006	AMBALIKA GAUTAM
12	10922210017	MANSHA ALAGH
13	10922210002	KRRISH SARAF
14	10922210014	JALAJ TRIPATHI
15	10922210003	ANSH NAYYAR
16	10922210011	SHARAD PATEL
17	10922210008	DIKSHA BATRA
18	10922210001	KRISHNA DEO UPADHYAY
19	10922210010	PARVEZ SAIFI
20	10922210007	RIYA DAHIYA
21	10922210009	ARNAV ARNAV
22	10923210018	JATIN
23	10923210008	ALVIA FATIMA
24	10923210010	GUNGUN BHATIA
25	10923210015	ADHYA SRIVASTAVA
26	10923210007	VEDANT MAHESH GARTHE
27	10923210004	ABHIJEET VERMA
28	10923210014	PRISHA BHARDWAJ
29	10923210011	MANIKA KAKKAR

# Event Report

## Beyond Silicon: Multiferroics in the Future of Microelectronics

**Date:** May 17, 2024

**Speaker:** Dr. Mukesh Kumari, Principal Scientist, Western Digital & UC Berkley, California, USA

**Organized by:** Physics Paathshala Club, Department of Physics, SRM University Delhi-NCR, Sonapat (Haryana)-131029

**Duration:** 60 minutes

**Attendance:** Approximately 50 professionals, including researchers, UG and PG Students

### Presentation Summary

#### Welcome and Introduction

The session began with a brief introduction by Dr. Neha Rani, Assistant Professor, Department of Physics, SRM University Delhi-NCR. She welcomed the attendees and introduced Dr. Mukesh Kumari. Dr. Neha highlighted Dr. Kumari's extensive research background and contributions to the field of advanced materials.

Dr. Kumari's presentation was divided into several key sections:

#### 1. Overview of Multiferroics

Dr. Kumari started by defining multiferroics as materials that exhibit more than one ferroic order parameter, such as ferromagnetism, ferroelectricity, and ferro elasticity. She emphasized the unique properties of these materials that make them highly attractive for next-generation microelectronic applications.

#### 2. Limitations of Silicon-Based Electronics

Dr. Kumari discussed the limitations of current silicon-based technologies, particularly in terms of scalability, power consumption, and operational speed. She pointed out that as the demand for higher performance and energy-efficient devices increases, the need for alternative materials becomes more pressing.

#### 3. Advantages of Multiferroics

Dr. Kumari outlined the advantages of multiferroic materials, including:

**Multifunctionality:** The ability to control multiple properties within a single material.

**Energy Efficiency:** Potential for reduced power consumption in electronic devices.

**Miniaturization:** Suitability for creating smaller and more efficient components.

#### **4. Recent Research and Developments**

She presented recent breakthroughs in the synthesis and characterization of multiferroic materials. Dr. Kumari highlighted several promising compounds, such as bismuth ferrite ( $\text{BiFeO}_3$ ) and magnetoelectric composites, and their potential applications in memory devices, sensors, and actuators.

#### **5. Challenges and Solutions**

Dr. Kumari acknowledged the challenges facing the integration of multiferroics into commercial devices, including issues with material stability, scalability, and compatibility with existing fabrication processes. She discussed ongoing research aimed at addressing these challenges, such as the development of new synthesis methods and innovative device architectures.

#### **6. Future Prospects**

In the concluding section, Dr. Kumari provided a forward-looking perspective on the role of multiferroics in the future of microelectronics. She envisioned a future where multiferroic materials enable the creation of ultra-fast, energy-efficient, and multifunctional electronic devices, significantly advancing the capabilities of microelectronics.

#### **Q&A Session**

Following the presentation, a 20-minute Q&A session allowed attendees to engage directly with Dr. Kumari. Questions ranged from technical aspects of multiferroic materials to practical considerations for their integration into commercial products. Dr. Kumari's detailed and insightful responses were well-received by the audience.

#### **Conclusion**

The event concluded with closing remarks by Dr. Mahammad Ahamad Mohiddon, Associate Professor and HOD Physics, who thanked Dr. Mukesh Kumari for her illuminating presentation and the attendees for their active participation. The session provided valuable insights into the potential of multiferroics to transform the future of microelectronics and sparked meaningful discussions among the participants.

#### **Attendee Feedback**

Attendees expressed high levels of satisfaction with the event, particularly appreciating the depth of knowledge shared by Dr. Kumari and the opportunity to engage in discussions during the Q&A session. Many attendees highlighted the importance of continuing such events to foster collaboration and innovation in the field of advanced materials and microelectronics.

## Pathway to Magnetoelectric Multiferroic materials.....

Multiferroic materials are those in which two or more than two **ferroic** properties co-exist.

Ferroelectric

Ferroelastic

Magnetoelectric  
Multiferroic

Ferromagnetic

Bi

Fe

O

Very Week  
Magnetoelectric  
coupling!!

Mute all
Add people

IN MEETING

Contributors 15

- D Dr. Neha Rani (You)  
Meeting host
- A 266 Devander Antil

- Pin to the screen
- Don't watch
- Add as co-host
- Make a viewer
- Remove from the call

## Device Structure

FM

BFO (MF)

↓

(Sr<sub>2</sub>CrReO<sub>6</sub>) (x nm) SCRO

BiFeO<sub>3</sub> (80 nm) BFO

SrRuO<sub>3</sub> (30 nm) SRO

SrTiO<sub>3</sub> (001) STO

Top conducting electrode

Ferromagnetic layer

Multiferroics oxide layer (FE +AFM)

Bottom conducting electrode to apply voltage/electric field

Non conducting substrate

Mute all
Add people

IN MEETING

Contributors 14


- D Dr. Neha Rani (You)  
Meeting host
- Anshu Gaur
- C CIIE SRMUH
- Dr. Anil kumar
- Dr. Navin Chandra Joshi
- Dr. Neeti Keswani

- 6 others
- D Dr. Neha Rani


## Lot's of Career Opportunities on the way.....

### What Intel is Planning for The Future of Quantum Computing: Hot Qubits, Cold Control Chips, and Rapid Testing

Director of quantum hardware, Jim Clarke explains the company's path toward "quantum practicality"



### New AMD CPU Socket With Next-Gen Ryzen Chip Coming in 2022





### Samsung Electronics to Boost Investment in Logic Chip Businesses to KRW 171 Trillion by 2030

Businesses projected to reach 20 trillion to further enhance research, development

### TSMC Will Start Making 2nm Chips As Intel Tries to Catch Up

The semiconductor company is predicted to start making the most advanced chip soon






APPLIED MATERIALS

Products & Technologies Services Company


APPLIED MATERIALS BREAKTHROUGH IN CHIP WIRING ENABLES LOGIC SCALING TO 3NM AND BEYOND

- Integrating new process technologies in one system order significantly increased number of full
- scale manufacturing engineering capabilities across the performance and value power semiconductor
- value chain enabling rapid scaling to the next node and beyond


Applied Materials, Inc. (NASDAQ: AMAT) is a leading provider of semiconductor manufacturing equipment and services. The company's products and services are used in the production of semiconductors for a wide range of applications, including automotive, industrial, and consumer electronics.




Mukesh Kumari




Dr. Preeti Physics




Dr. Neeti Keswani




Anshu Gaur




CIIE SRMUH



Preeti Dahiya



6 others



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Department of Physics, SRMUH  
organizes Webinar on:

*“Beyond Silicon: Multiferroics  
in the Future of  
Microelectronics”*

*Our Speaker:*

*Dr. Mukesh Kumari  
Principal Scientist  
Western Digital & UC Berkeley,  
California, USA 95119*



*Time: 10:00 AM (IST)*

*Date: 17.05.2024 (Friday)*

*Venue:*

*Room No. 115 (1<sup>st</sup> Floor), Old  
Engineering Block, SRM University  
Delhi-NCR, Sonapat (Haryana)-  
131029*

*Coordinator:*

*Dr. Neha*

*Assistant Professor  
Department of Physics*

*✉ neha.nanda@srmuniversity.ac.in*

ATTENDENCE SHEET		
S. No.	Registration No.	Name
1	40521210014	SHREYA
2	40521210012	ANKITA
3	40521210004	MAHESH
4	40521210009	ANJALI KUMARI
5	40522210004	SIMRAN
6	40522210001	SAKSHI
7	40522210003	ADITI SINGH
8	40522210007	NIKITA MALIK
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12	40522210006	PAYAL
13	40522210002	LEENA JINDAL
14	40521210013	NITU .
15	40521210011	NANCY .
16	40521210003	NIDHI
17	40521210005	NICKY KUMARI SINGH
18	40521210006	NANDITA DOHERE
19	40521210002	KOMAL SEHRAWAT
20	40521210010	DEEPIKA GUPTA
21	40521210001	NEHA
22	40521210007	NIKKI
23	40521210008	SHEETAL DUHAN

## **DEPARTMENT OF PSYCHOLOGY SRM UNIVERSITY**

### **Sexual Exploitation - Awareness and Prevention Month**

The students of “THE PSYCHEADS” club organized an interactive session on the occasion of the “Sexual Exploitation - Awareness and Prevention Month” which is commemorated in April. The event was conducted on 5th April in room 403 at 2:00 p.m. through a film screening followed by a discussion among the students. The students and the faculty members of the psychology department wholeheartedly participated in the event. The Director of Humanities was also present and praised the students for their initiative to generate awareness related to the issue.

The session commenced with the screening of a video on sexual exploitation. The video, “Adulting,” showed a girl being sexually exploited by her colleague at the workplace. In the beginning she tries to ignore it but then she decides to speak for herself.

The video was followed by an interactive discussion in which faculty and students both participated enthusiastically. The discussion veered around questions like what is sexual exploitation? How can it be prevented? What are the psychological effects on the victim? Are men also the victims of sexual exploitation? And many questions related to the theme. Overall it was a very informative and enlightening session that broadened the horizons of the participants.

The Dept of Psychology has lately been taking a lot of initiative in promoting awareness of social issues amongst the students. In the near future, several activities are planned.

The students and faculty members were appreciated for organizing this particular event.







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S. No.	Registration no.	Name
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3	10422210001	SOHANA BHATIA
4	10422210005	RACHIT
5	10422210002	SOUMENDRA NARAYAN ROY
6	10423210010	ANIMESH SHUKLA
7	10423210006	VAIZURS SRINIVASA ABHILAASH
8	10423210002	ARPIT GUPTA
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10	10423210005	PRATEEK SHARMA
11	10423210001	YASH
12	10423210009	KARTIK DUHAN
13	10423210008	SHARAN PRUTHI
14	10423210004	RITIKA SHARMA



## **WORKSHOP ON POSITIVE PSYCHOTHERAPY**

**DATE: 03/05/2024**

**VENUE: ROOM NO.A 403**

The Department of Psychology at SRM University organized an event on Positive Psychotherapy which was facilitated by Dr.Gagandeep Kaur on 3rd May 2024 in room no. A 403 at 11:00 a.m. The students, faculty members, and Director, Humanities wholeheartedly participated in the event.

It commenced with Dr.Gagandeep Kaur conducting a simple activity wherein she drew a black dot on a white sheet and asked the students what they saw on the paper. It demonstrated how human tendency is to focus on the negatives of our life rather than the positives. She conducted another activity where the students were asked to write about their fear, strength, weakness and purpose of life. Through this activity she explained the concept of PERMA which stands for Positive Emotions, Engagement, Positive Relationships, Meaning and Accomplishments. With the help of a power point presentation, she explained what makes positive psychotherapy different from general psychotherapy.

The session was filled with activities, laughter, relatable examples, and active participation by students, enhancing the quality of the education being imparted.

The photographs of the event are attached herewith:







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1	10922210012	RIYA
2	10922210005	SRISHTI GARG
3	10922210016	HIND SAAD
4	10922210013	POORAV SHARMA
5	10922210006	AMBALIKA GAUTAM
6	10922210017	MANSHA ALAGH
7	10922210002	KRRISH SARAF
8	10922210014	JALAJ TRIPATHI
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10	10922210011	SHARAD PATEL
11	10922210008	DIKSHA BATRA
12	10922210001	KRISHNA DEO UPADHYAY
13	10922210010	PARVEZ SAIFI
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16	10922210015	SID AHMED DIYA
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19	10923210016	VANSHIKA JAIN
20	10923210012	ADITYA RAJ
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22	10923210008	ALVIA FATIMA
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25	10923210007	VEDANT MAHESH GARTHE
26	10923210004	ABHIJEET VERMA
27	10923210014	PRISHA BHARDWAJ
28	10923210011	MANIKA KAKKAR
29	10923210001	MONALIKA
30	10923210019	MITALI BHARDWAJ
31	10923210013	RIYAN ZUBAIR
32	10923210002	VIPUL TRIPATHI
33	10923210006	JIYA VERMA
34	10923210005	GARV SAXENA