



**Mehr Chand Mahajan DAV
College for Women
Sector-36A, Chandigarh**

MCM VIGYAN MANCH (2023-24)

**Under the aegis of
Department of Science and Technology and
Renewable Energy, Chandigarh**



Table of Contents

1. WILDLIFE WEEK CELEBRATIONS-2023 BY DEPARTMENT OF ZOOLOGY	3
I. WILDLIFE SEARCH IN BACKYARD	3
II. POWER POINT PRESENTATION COMPETITION	4
III. ANIMAL PEBBLE PAINTING CONTEST	5
IV. EXTEMPORE SPEECH COMPETITION	7
V. DEBATE	8
VI. POSTER MAKING COMPETITION	9
VII. NUKKAD NATAK	10
VIII. PHOTOGRAPHY CONTEST	11
IX. HAND SHADOW PUPPET SHOW	12
X. POPULAR TALK ON ENVIRONMENTAL ISSUES	16
2. VISIT TO SCIENCE CITY, KURKSHETRA BY DEPARTMENT OF PHYSICS	18
3. SPECIAL LECTURE SERIES BY PG DEPARTMENT OF CHEMISTRY	21
I. A SPECIAL LECTURE ON “LABORATORY SAFETY AND GREEN INITIATIVES”	21
II. A SPECIAL LECTURE ON “INNOVATION IN RECENT SYNTHETIC ORGANIC CHEMISTRY”	22
4. FIVE DAYS HANDS-ON TRAINING WORKSHOP ON “DETECTION OF ENVIRONMENTAL POLLUTANTS IN SOIL AND WATER” BY DEPARTMENT OF MICROBIOLOGY FOOD AND TECHNOLOGY	24
5. iTech-FIESTA 2024 BY DEPARTMENT OF COMPUTER SCIENCE & APPLICATIONS	32
I. DEBUGGING COMPETITION	33
II. IT QUIZ	34
III. WEB DESIGNING & DEVELOPMENT COMPETITION	36
IV. E-WASTE MODELING EVENT: INNOVATIONS FOR SUSTAINABILITY	37
V. RANGOLI MAKING COMPETITION AT iTech-FIESTA 2024	39
VI. E-COLLAGE MAKING COMPETITION AT iTech-FIESTA 2024	40
VII. RESEARCH POSTER PRESENTATION AT iTech-FIESTA 2024	41
VIII. MOVIE MAKING COMPETITION AT iTech-FIESTA 2024	41
IX. CULTURAL EVENTS AT iTech-FIESTA 2024	42
6. ONE-DAY EDUCATIONAL TRIP BY THE DEPARTMENT OF BOTANY AND ADD ON COURSE IN FLORICULTURE AND LANDSCAPING	47
7. A POSTER PRESENTATION COMPETITION CONDUCTED BY PG DEPARTMENT OF MATHEMATICS	52

1. WILDLIFE WEEK CELEBRATIONS-2023 BY DEPARTMENT OF ZOOLOGY

The Department of Zoology under the aegis of MCM Vigyan Manch, celebrated National Wildlife Week from 02-08 October, 2023 with a host of events under the theme 'Partnerships for Wildlife conservation', sponsored by the Department of Science and Technology & Renewable Energy, Chandigarh Administration. The week-long celebrations sensitized the students about the importance of flora and fauna through various events like Wildlife Search in the Backyard, Power Point Presentation, Animal Pebble painting, Extempore Speech, Debate, Poster making, Photography, Hand shadow puppet competition and Nukkad Natak. The details of the activities undertaken are as follows:

I. WILDLIFE SEARCH IN BACKYARD

Dates: 02.10.2023 to 08.10.2023

Student Coordinators: Sristi (602) & Shivangi (734)


The students were encouraged to turn their backyards into ideal wildlife habitats to observe and record animal diversity. Total 10 participants were involved, bringing their unique perspectives. The participants observed and recorded animal diversity in their backyards for a week, clicked geo-tagged photographs of different wild animals and birds using the GPS Map Camera app, and prepared a short report on the habitat, habits and identifying features of the clicked organisms. Dr. Neetu, Assistant Professor & Head, Department of Zoology judged the entries on the basis of originality, quality, content and overall impact.

Result of Wildlife search in backyard

Prize	Name of the Participant	Class	Roll No.
First	Aditi	B.Sc. III Medical	752
Second	Ojeshvi	B.Sc. III Medical	725
Third	Ankita	B.Sc. III Medical	688

Activity at a Glance

***Talicauda nyseus* (Red Pierrot)**



HABITAT:

- They are found in semi-arid plains, degraded patches of evergreen patches, and semi-evergreen forest, garden, hill stations and forests—in fact, wherever its food plant, Kalanchoe, is abundant.
- It is found in the Indian subcontinent and South-East Asia.


HABIT:

- The red Pierrot is a weak flier, and flutters about close to the ground. It flies in short bursts and settles often, but not for very long.
- It prefers shade to sun, and jungle or undergrowth to open areas. It visits flowers of herbs, especially of the families Amaranthaceae and Acanthaceae, for nectar.
- It is not a common butterfly, but near its food plant, Kalanchoe, it is found in abundance and is gregarious in all its stages.
- It has a complete life cycle with the stages of egg, larva, pupa, and adult butterfly.
- It shows parasitic behaviour and its host plants are Kalanchoe laciniata (family of succulents and Peltandra (Bryophyllum pinnatum).

IDENTIFYING FEATURES:

- Prominent black spots and colour pattern of wings
- Eggs and Adult found near Bryophyllum plant.
- Body divided into head, thorax, abdomen.

***Julus* (Millipede)**



HABITAT:

- *Julus* is also tropical, found in dark and damp places in meadows and gardens under stones and bark of dead trees. The animal is rolled up under stones.
- It is found in mainly all continents except Antarctica, ranging from the cold regions to the tropical one.

HABITS:

- It is herbivorous.
- Millipedes have evolved in conjunction with their burrowing habits, and nearly all millipedes adopt a mainly subterranean lifestyle. They cause a great damage to the plants they reside with.

IDENTIFYING FEATURES:

- Body is divided into three parts head, thorax and abdomen.
- They have a rounded and cylindrical body.
- Each abdominal segments bear two pairs of legs.
- When touched they curl up in flat spiral like a watch spring.

II. POWER POINT PRESENTATION COMPETITION

Date: 03.10.2023

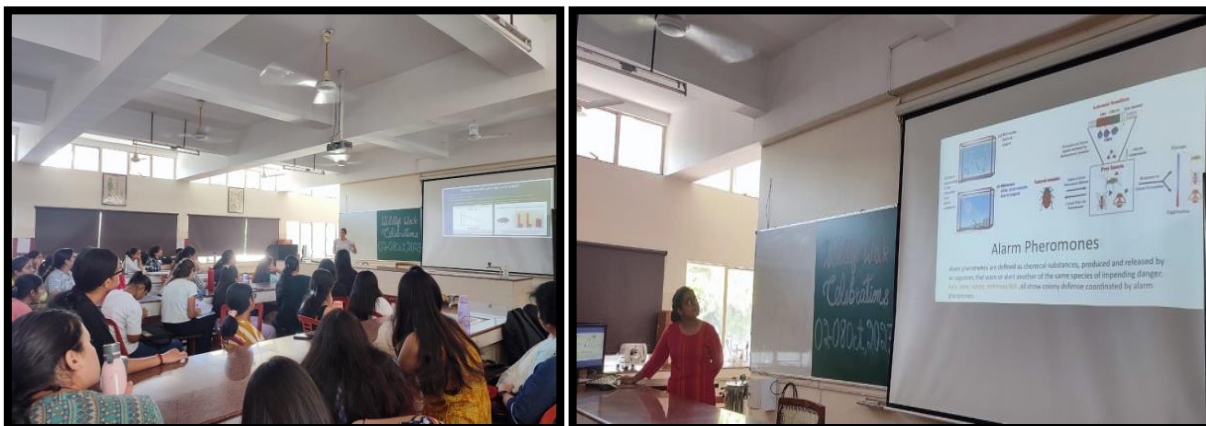
Student coordinators: Aparna (693) & Jiya Bhardwaj (677)

The Power Point Presentation Competition was held on the topic ‘Animal Behaviour’ which witnessed presentation of remarkable features of Parental care, Migration, Mating behaviour, Communication, and Defense mechanisms in a variety of animals. Dr. Sarabjeet Kaur, Assistant Professor, Department of Zoology evaluated the presentations presented by 07 enthusiastic participants.

Result of Power Point Presentation competition

Prize	Name of the Participant	Class	Roll No.
First	Vanshika Gupta	B.Sc. II Medical	1176
Second	Mudita Jain	B.Sc. II Medical	1106
Third	Garima Bhairo	B.Sc. II Medical	1150

Activity at a Glance



III. ANIMAL PEBBLE PAINTING CONTEST

Date: 03.10.2023

Student coordinators: Gurkirat (225) & Kannupreet (233)

During the Animal Pebble Painting Contest, the participants showcased their imaginative and artistic skills by beautifully painting endangered animals of different genera on the pebbles. A vibrant display of creativity unfolded as 35 students participated in the contest, with the esteemed Dr. Pooja Sharma serving as the sole judge of the entries.

Result of Animal Pebble Painting contest

Prize	Name of the Participant	Class	Roll No.
First	Chhavi Rani	B.Sc. III Medical	695
Second	Lovisha Garg	B.Sc. II Medical	1183
Third	Yashasvi Sharma	B.Sc. III Medical	625
Consolation	Jiya Bhardwaj	B.Sc. III Medical	677
Consolation	Jaya Prabha	BA I	3306

Activity at a Glance



IV. EXTEMPORE SPEECH COMPETITION

Date: 04.10.2023

Student coordinators: Shubham (652) & Ravneet (668)

The Extempore Speech Competition included topics like better alternatives to zoos, punishment for animal cruelty, importance of wild animals in Indian culture, effect of emerging technologies on wildlife, impact of plastic pollution on marine wildlife, and so on. A total of 11 participants demonstrated their ability to think on their feet and deliver impromptu speeches on aforementioned topics. The event helped the participants to improve their confidence and on the spot thinking abilities. Dr. Neha Soi, Assistant Professor in the Department of English, served as the esteemed judge for the competition.

Result of Extempore Speech competition

Prize	Name of the Participant	Class	Roll No.
First	Gurmehak Kaur	B.Sc. I Medical	225
Second	Shaurya	B.Com. III	11178
Third	Kirti Sharma	B.Sc. II Medical	1119
Consolation	Vanshika Gupta	B.Sc. II Medical	1176

Activity at a Glance



V. DEBATE

Date: 04.10.2023

Student coordinators: Alka (664) & Nitika (667)

The Debate Competition was organized on the topic 'Advantages and Disadvantages of associated with wildlife tourism. Thirteen participants passionately debated the merits and demerits of wildlife tourism. Dr. Aparna Sharma, Assistant Professor in the Department of English, served as the distinguished judge for the competition.

Result of debate competition

Prize	Name of the Participant	Class	Roll No.
First	Vanshika Gupta	B.Sc. II Medical	1176
Second	Muskan	B.Sc. I Medical	271
Third	Kirti Sharma	B.Sc. II Medical	1119
Consolation	Nitika Prabhakar	B.Sc. III Medical	667
Consolation	Mudita Jain	B.Sc. II Medical	1106

Activity at a Glance



VI. POSTER MAKING COMPETITION

Date: 05.10.2023

Student coordinators: Jiya Bhardwaj (677) & Sonali Malik (669)

The Poster making competition on the theme 'Endangered Aquatic Wildlife' gave the participants the opportunity to demonstrate their artistic acumen while raising awareness about the endangered freshwater and marine animals. A total of 35 participants enthusiastically participated in the Poster Making Competition and Dr. Gunjan Sud, Assistant Professor in the Department of Botany, judged the entries of the competition.

Result of Poster making competition

Prize	Name of the Participant	Class	Roll No.
First	Muskan	B.Sc. II Medical	1118
Second	Lovisha Garg	B.Sc. II Medical	1183
Third	Ishita Thakur	B.Sc. II Medical	1171
Consolation	Manvi	B.Sc. II Medical	1132
Consolation	Deepika	B.Sc. II Medical	1166

Activity at a Glance





NUKKAD NATAK

Date: 05.10.2023

Student coordinators: Vandana (1278), Sumiran (1281) & Tanuja (1262)

A Nukkad natak highlighting the issues related to wildlife was staged by the student volunteers of MCM Eco-Club 'Parivesh' to enhance awareness about wildlife conservation. Thirteen enthusiastic student volunteers participated in the Nukkad Natak, showcasing their acting skills and commitment to spreading awareness about issues related to wildlife conservation. Through powerful storytelling and dramatic performances, the student volunteers aimed to educate and inspire the audience to take action towards protecting our precious wildlife and their habitats. Dr. Pallvi Rani, Assistant professor in Department of Commerce provided valuable feedback and assessment of the performances.

Result of Nukkad Natak

Prize	Name of the Participant	Class	Roll No.
First	Sumiran	B.Sc. II Medical	1281
Second	Cherish Chugh	B.Sc. II Medical	1297
Third	Mudita Jain	B.Sc. II Medical	1106

Activity at a Glance



VII. PHOTOGRAPHY CONTEST

Date: 06.10.2023

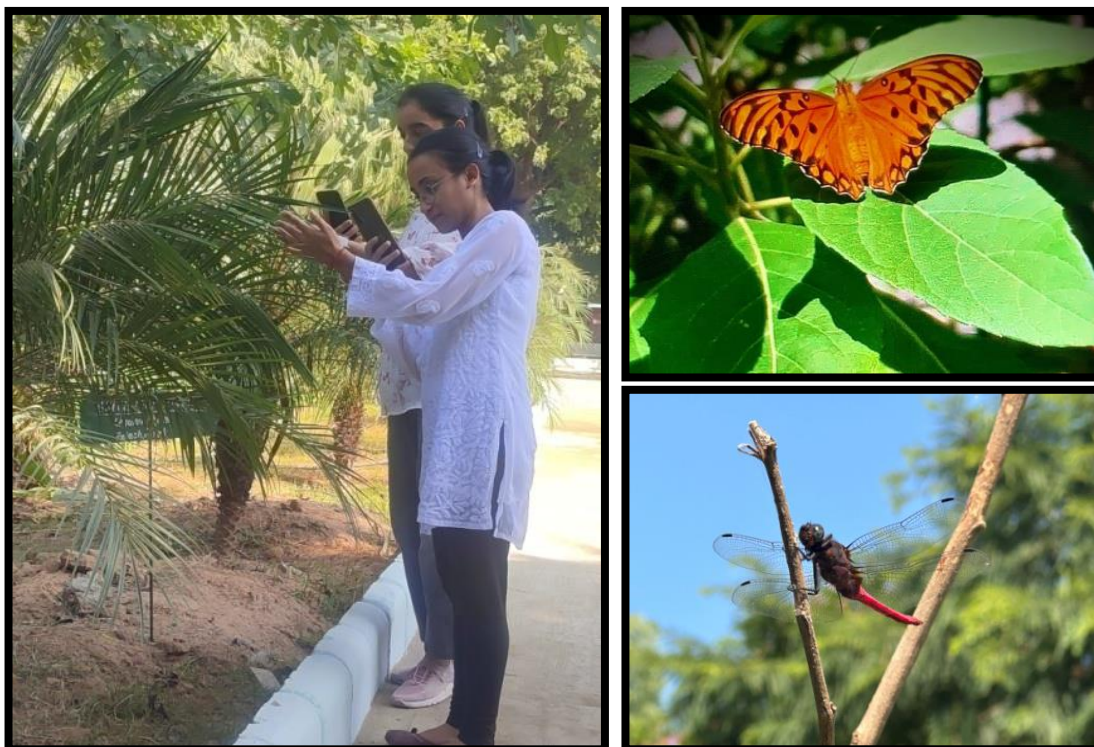
Student coordinators: Parul (609) & Kanchan (631)

The Photography Contest was organized with the objective of motivating students to explore different species of insects in the college campus, and to spread the message about the role of insects in maintaining ecological balance. The contest attracted a total of 50 enthusiastic participants. Ms. Sukarma, Assistant Professor in Department of Mass Communication, was the judge of the contest.

Result of Photography contest

Prize	Name of the Participant	Class	Roll No.
First	Ananya Dhiman	B.Sc. I Medical	210
Second	Prabhnoor Kaur	B.Sc. III Medical	787
Third	Mehak	B.Sc. II Medical	1204

Activity at a Glance



VIII. HAND SHADOW PUPPET SHOW

Date: 06.10.2023

Student coordinators: Mansha Gupta (615) & Yashasvi Sharma (625)

During the Hand shadow puppet competition, students used their hands to create different animal shadows. Total 05 students participated in the event and the entries were judged by Dr. Purnima Bhandari, Assistant Professor, Department of Botany.

Result of Hand shadow puppet show

Prize	Name of the Participant	Class	Roll No.
First	Lovisha Garg	B.Sc. II Medical	1183
Second	Sneha	B.Sc. II Medical	1274
Third	Vanshika Gupta	B.Sc. II Medical	1176

Activity at a Glance



All the events witnessed enthusiastic participation from the students of different streams. The winners were awarded with prizes and all the participants were given certificates. Principal Dr. Nisha Bhargava asserted that wildlife is an important part of our natural heritage, and it plays a significant role in stabilizing the environment. She appreciated the efforts of participants in highlighting the issues like illegal Wildlife trade, habitat destruction, invasive species, pollution, and climate change, and motivated the students to work towards safeguarding the lives of the endangered species.

National Wildlife Week celebrated at MCM



CHANDIGARH: The Department of Zoology and Character-Building Committee of Mehr Chand Mahajan DAV College for Women, Sector 36-A, Chandigarh under the aegis of MCM Vigyan Manch, celebrated National Wildlife Week with organisation of many events under the theme 'Partnerships for Wildlife Conservation', sponsored by the Department of Science and Technology & Renewable energy, Chandigarh Administration.

The week-long celebration aimed to sensitize the students about the importance of flora and fauna, and their conservation and protection through various events including Wildlife Search in the Backyard; PowerPoint Presentation 'Animal Behaviour'; Pebble painting; Ex-tempore Speech on topics related to the theme 'Wildlife Conservation'; Debate on the topic 'Advantages and Disadvantages of Wildlife Tourism'; Poster making on the theme 'Endangered Aquatic Wildlife'; Photography contest to create awareness regarding the role of insects in maintaining ecological balance and Hand Shadow Puppet Competition.



एमसीएम में राष्ट्रीय वन्यजीव सप्ताह मनाया

चंडीगढ़, 18 अक्टूबर (राम सिंह बराड़): एमसीएम विज्ञान मंच के तत्वावधान में मेहर चंद महाजन डीएवी महिला महाविद्यालय, सैक्टर-36ए, चंडीगढ़ के जूलांजी विभाग और चरित्र-निर्माण समिति ने 'पार्टनरशिप फॉर वाइल्डलाइफ कंजर्वेशन' विषय के तहत कई कार्यक्रमों के आयोजन के साथ राष्ट्रीय वन्यजीव सप्ताह मनाया। विज्ञान एवं प्रौद्योगिकी विभाग और नवीकरणीय ऊर्जा विभाग, चंडीगढ़ प्रशासन द्वारा प्रायोजित सप्ताह भर चलने वाले कार्यक्रम का उद्देश्य विद्यार्थियों को विभिन्न प्रकार की वनस्पतियों, जीवों के महत्व और वन्यजीवों की खोज सहित उनके संरक्षण और सुरक्षा के बारे में जागरूक करना था; जिसके लिए आयोजित गतिविधियों में 'एनिमल बिहेवियर' पर पावरपॉइंट प्रस्तुति, विभिन्न प्रजातियों के लुप्तप्राय जानवरों पर एनिमल फेब्ल्स पेंटिंग;



एमसीएम डीएवी कॉलेज सैक्टर-36 में 'पार्टनरशिप फॉर वाइल्डलाइफ कंजर्वेशन' विषय पर आयोजित कार्यक्रम दौरान विभिन्न प्रतियोगिताओं में हिस्सा लेने वाली छात्राएं संयुक्त चित्र करवाते हुए। (छाया : गुरिंदर सिंह)



'वन्यजीव संरक्षण' विषय से संबंधित विषयों पर भाषण प्रतियोगिता; 'वन्यजीव पर्यटन के फायदे और नुकसान' विषय पर डिबेट; 'लुप्तप्राय जलीय वन्यजीवों' विषय पर पोस्टर बनाने की प्रतियोगिता; पारिस्थितिक संतुलन बनाए रखने में कीड़ों की भूमिका के बारे में जागरूकता पैदा करने के लिए फोटोग्राफी प्रतियोगिता और

हाथ की परछाई से छायांकन प्रतियोगिताएं शामिल थीं। हाथ की परछाई से छायांकन प्रतियोगिता में विद्यार्थियों ने विभिन्न जानवरों की छवि बनाने के लिए अपने हाथों का उपयोग किया। वन्यजीव संरक्षण के बारे में जागरूकता पैदा करने के लिए एमसीएम इको-क्लब 'परिवेश' के छात्र स्वयंसेवकों द्वारा वन्यजीवों से

संबंधित मुद्दों पर प्रकाश डालते हुए एक नुकड़ नाटक का मंचन किया गया। इन कार्यक्रमों में विभिन्न संकायों के 150 से अधिक विद्यार्थियों ने उत्साहपूर्वक भाग लिया। विद्यार्थियों को प्रतिभागिता प्रमाणपत्र दिए गए तथा विजेताओं को पुरस्कृत किया गया। कलेज प्राचार्या डॉ. निशा भार्गव ने कहा कि वन्य जीवन हमारी प्राकृतिक विरासत का एक महत्वपूर्ण हिस्सा है और यह पर्यावरण को स्थिरता प्रदान करने में महत्वपूर्ण भूमिका निभाता है। उन्होंने अवैध वन्यजीव व्यापार, आवासीय विनाश, आक्रामक प्रजातियों, प्रदूषण और जलवायु परिवर्तन जैसे मुद्दों को उजागर करने में प्रतिभागियों के प्रयासों की सराहना की और विद्यार्थियों को लुप्तप्राय प्रजातियों के जीवन की सुरक्षा के लिए काम करने के लिए प्रेरित किया।

Celebrating Bicentennial Birth Anniversary of Swami Dayanand Saraswati Ji


**Mehr Chand Mahajan
DAV College for Women
Sector 36-A, Chandigarh (U.T.)**

Department of Zoology & Character Building Committee
under the aegis of
MCM Vigyan Manch
are organizing

Wildlife Week Celebrations-2023
2 October 2023 to 8 October 2023
Theme: Partnerships for wildlife conservation

Sponsored by
Department of Science & Technology and Renewable Energy
Chandigarh Administration



Programme Details of Wildlife Week Celebrations-2023

Wildlife Search in Backyard
Dates: 02.10.2023 to 08.10.2023
Student coordinators: Ms Sristi (602) & Ms Shivangi (734)

Guidelines: ●Turn your own backyard into an ideal wildlife habitat. ●Observe and record animal diversity in your backyard for a week. Click geotagged photographs of different wild animals and birds visiting your backyard, using the GPS Map Camera app. ●Prepare a short report on the habitat, habits and identifying features of the clicked organisms. ●Last date for submission of entries - 12.10.2023. ●Entries will be judged on the basis of originality, quality, content and overall impact. ●Click below to submit your entry in pdf format:

[CLICK HERE](#)


PowerPoint Presentation Competition
Date: 03.10.2023 | Time: 9:00 am | Venue: Zoology Lab (Room No. 61)
Student coordinators: Ms Chehak (162) & Ms Ishmita (207)

Topic: Animal Behaviour
Sub-topics: Parental care, Migration, Mating behaviour, Communication, Defence mechanisms.
Guidelines: ●Number of slides should not exceed 10. ●Time limit for presentation- 10 minutes. ●Click below to submit your entry on or before 2.10.2023:

[CLICK HERE](#)

Animal Pebble Painting Contest
Date: 03.10.2023 | Time: 11:30 am to 12:30 pm | Venue: Zoology Lab (Room No. 61)
Student coordinators: Ms Gurkirat (225) & Ms Kannupreet (233)

Guidelines: Individual participation. Participants should bring their own material including pebbles. Can use any reference material. Entries will be judged on the basis of creativity and design.



Programme Details of Wildlife Week Celebrations-2023

Extempore Speech Competition
Date: 04.10.2023 | Time: 9:00 am | Venue: Zoology Lab (Room No. 61)
Student coordinators: Ms Shubham (652) & Ms Ravneet (668)

Guidelines: ●Topic will be given on the spot. ●Maximum time limit to think over the topic will be 2 minutes & the maximum time for speech will be 5 minutes. ●Participants can speak in English, Hindi or Punjabi.

Debate
Date: 04.10.2023 | Time: 11:00 am | Venue: Zoology Lab (Room No. 61)
Student coordinators: Ms Alka (664) & Ms Nitika (667)

Topic: Advantages and disadvantages of Wildlife Tourism
Guidelines: ●Participants may speak in English, Hindi or Punjabi. ●Each participant will be given a maximum 5 minutes time to speak either in favour or against the topic.

Poster Making Competition
Date: 05.10.2023 | Time: 09:00 am | Venue: Zoology Lab (Room No. 61)
Student coordinators: Ms Jiya Bhardwaj (677) & Ms Sonali Malik (669)

Topic: Endangered aquatic wildlife
Guidelines: ●Drawing / painting must be on white sheet of A2 size which will be provided at the venue. ●Participants must bring their own tools of drawing / painting. ●Name, class and roll no. of the participant must be clearly mentioned on the back of the poster. ●Entries will be judged on the basis of creativity and clarity of the theme.

Nukkad Natak
Date: 05.10.2022 | Time: 11:00 am | Venue: Celebration Ground
Student coordinators: Ms Vandana (1278), Ms Sumiran (1281) & Ms Tanuja (1262)

Theme: Wildlife conservation



Programme Details of Wildlife Week Celebrations-2023

Photography Contest
Date: 06.10.2023 | Time: 9:00 am to 10:30 am | Venue: Rishi Vatika
Student coordinators: Ms Parul (609) & Ms Kanchan (631)

Guidelines: ●Click geotagged photographs of insects in the college campus using GPS Map Camera app. ●Only one entry per participant is allowed. ●Digital photographs must be high resolution jpeg files. ●Photo entries will be judged on the basis of originality and quality. ●Click below to submit your entry:

[CLICK HERE](#)

Hand Shadow Puppet Competition
Date: 06.10.2023 | Time: 11:00 am | Venue: Zoology Lab (Room No. 61)
Student coordinators: Ms Mansha Gupta (615) & Ms Yashavi Sharma (625)

Guidelines: ●Participants can use their one or two hands to create animal shadows. ●Judgement will be done on the basis of creativity and audience response.

Important

Guidelines: ●Competitions are open to all the students of Mehr Chand Mahajan DAV College for Women, Chandigarh. ●Results will be declared on 18.10.2023. ●Prizes will be awarded to 3 best entries in each category. ●Certificates will be given to all the participants. ●Prior registration is mandatory. ●Click below to register.

[CLICK HERE](#)

Dr Nisha Bhargava
Convener & Principal
Dr Indu Arora
Co-convener & Dean Sciences
Dr Divya Sharma, Dr Sarabjeet Kaur & Dr Neetu
Coordinators
Mr Ashish Mudgal
Activity Incharge (Creative)
Ms Jiya Bhardwaj (677), Ms Aparna (693)
Ms Parul (631), Ms Sonali (669)
Ms Mansha (615) and Ms Kanchan (609)
Student Ambassadors



IX. POPULAR TALK ON ENVIRONMENTAL ISSUES

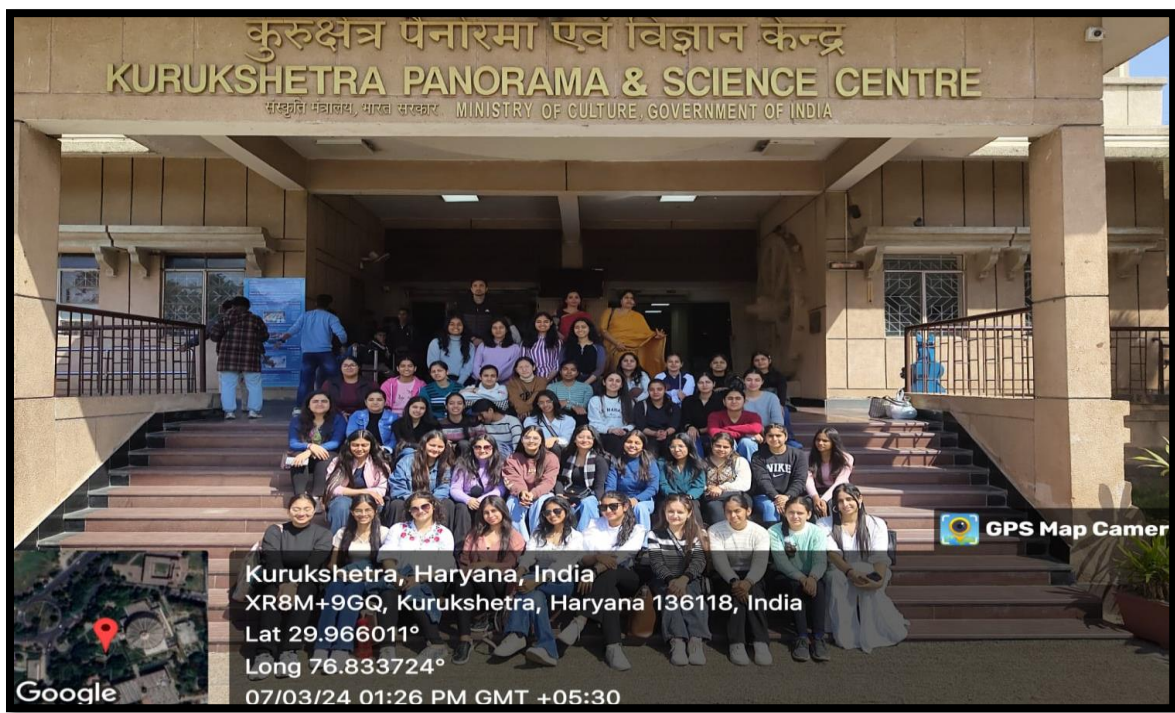
Dr. Reena Chadha, General Manager, Indian Pollution Control Association, was invited as a Resource person to deliver a Popular talk on ‘Latest avenues of jobs and entrepreneurship in Environment and waste management in India for professionals of other fields’ on the occasion of National Science day on 28.02.2024. During her talk, Dr. Chadha emphasized that a lot of opportunities are available in the areas of waste collection, waste handling, waste sorting, waste storage, waste transport, waste transformation and energy recovery from the waste. She introduced the participants to the Green skills which are a critical set of skills necessary for adapting products, services, and processes to meet the demands of climate change and other environmental needs and regulations. She stressed that the professionals with green skills will be in high demand in future and motivated the participants to develop the skills in the following fields: Carbon Footprinting, Environmental Law, Sustainability Reporting, Sustainability Consulting, Radiation Safety, Climate Data Analysis, and Creativity & Adaptability. The session was an interactive one where the students participated enthusiastically and shared their opinions and experiences. As many as 125 students and 20 staff members attended the session.

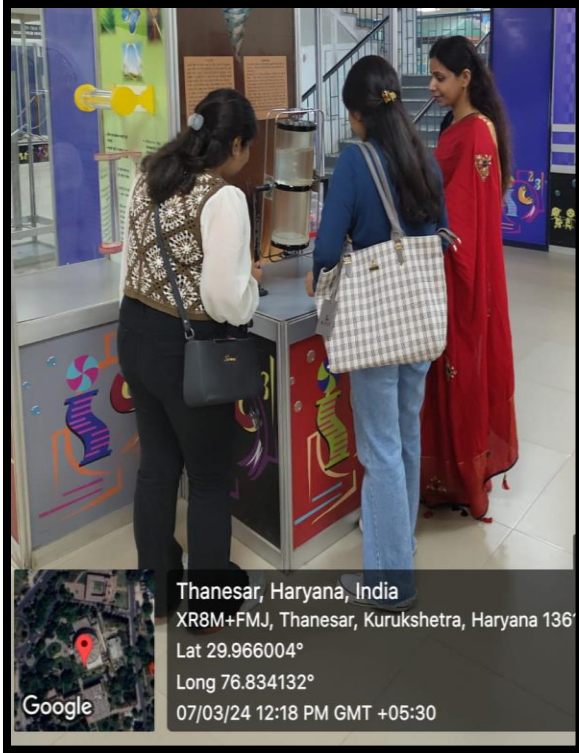




2. VISIT TO SCIENCE CITY, KURUKSHETRA BY DEPARTMENT OF PHYSICS

The Department of Physics under the aegis of MCM Vigyan Manch, organized an educational trip to Science City, Kurukshetra on 07 March 2024, sponsored by the Department of Science and Technology & Renewable energy, Chandigarh Administration. 46 B.Sc students along with faculty Dr Renu Bala (HOD) and Mrs Anu Rathi, lab assistants Mr Rohan Malra, Mr Jai Parkash visited Kurukshetra Panorama and Science Centre, Kurukshetra, Haryana. The students learned the basics of Science through various interesting ways. Students watched three Shows-(i) 3D movie related to the aquatic animal kingdom, (ii) SDL Show related to the experimental demonstrations such as Bernoulli's Principle, low temperature behavior of liquid Nitrogen, creating artificial cloud etc. and (iii) Tara-Mandal Show related to various Stars, constellations. Thereafter students performed many experiments themselves on Vortex, Symmetry, Plasma Globe, Transfer of momentum, changing color due to polarization of light, Floating ball in air due to Bernoulli's principle, Planetary motion, Virtual Reality, rising bubbles observed since the pressure directly varies with the length of liquid column expands and grows in size etc. Students also explored various other museums nearby. Overall, it was very fruitful educational trip that gave exposure to the students and motivated them to develop new ideas.







3. SPECIAL LECTURE SERIES BY PG DEPARTMENT OF CHEMISTRY

I. A SPECIAL LECTURE ON “LABORATORY SAFETY AND GREEN INITIATIVES”

PG Department of Chemistry under the aegis of IIC 6.0 and MCM Vigyan Manch organized a special lecture sponsored by the Department of Science and Technology & Renewable Energy, Chandigarh Administration on 3rd February, 2024 by Dr. S. C. Sahoo, Assistant Professor, Department of Chemistry, Panjab University. The main objective of the lecture was to aware students about importance of Green Chemistry and Sustainable practices. Dr. Sahoo mentioned about the exponential industrial growth to meet the demands of the growing population that led to a comfortable and easy routine life. This comes with major drawbacks that is ultimately affecting our environment adversely. For example, the untreated waste from industry is causing pollution of air, water and soil. This is such an alarming situation that if not taken care of will affect the existence of future generations and the ecosystem as a whole. He mentioned the major industries responsible for creating pollution are pharmaceutical, dye, fertilizer and pesticide industry. He further emphasized on adopting greener lifestyles and sensitized our young minds to focus on sustainable practices. Principal, Dr. Nisha Bhargava appreciated the efforts of PG Department of Chemistry for organizing the event on such a relevant topic and congratulated the staff for putting their sincere efforts. A total of 117 students and 15 faculty members attended the session.





II. A SPECIAL LECTURE ON “INNOVATION IN RECENT SYNTHETIC ORGANIC CHEMISTRY”

PG Department of Chemistry under the agies of IIC@6.0 and MCM Vigyan Manch organized a special lecture by Dr. Prabal Banerjee, Associate Professor, IIT Ropar, on “Innovation in Recent Synthetic Organic Chemistry” sponsored by the Department of Science and Technology & Renewable Energy, Chandigarh Administration on 29th February 2024. The main objective of this event was to inculcate the research aptitude among students and to motivate them to adopt sustainable practices in synthetic organic chemistry. Dr. Banerjee started his talk focusing on problems associated with routine chemical synthesis that is causing adverse effect on environment. To cater this issue, they have moved towards an eco-friendly approach for synthesizing pharmaceutically important molecules at IIT Ropar. The greener alternative to prepare such molecules include electrolytic chemical synthesis. Using this approach, they have already synthesized a very popular drug, paracetamol, which otherwise traditionally involved multiple steps that causes major environmental hazards. The students were highly inspired by his talk that directed them to apply their knowledge in practical disciplinary manner. A total of 48 students and 12 faculty members attended the session. The talk motivated the participants to adopt sustainable practices in synthetic organic chemistry. Principal, Dr. Nisha Bhargava appreciated the efforts of PG Department of Chemistry for organizing such beneficial lecture.



4. FIVE DAYS HANDS-ON TRAINING WORKSHOP ON “DETECTION OF ENVIRONMENTAL POLLUTANTS IN SOIL AND WATER” BY DEPARTMENT OF MICROBIOLOGY FOOD AND TECHNOLOGY

Date :12th March 2024 to 16th March 2024

Coordinators : Dr. Vandana Sharma, Dr. Sandeep Kaur, Dr. Deepika Malik & Dr. Kirti Singla, Assistant Professors, Department of Food Science

Environmental pollution of soil, water and our natural resources is a challenging and pressing issue that is continuing to threaten human health and well-being. The purpose of this workshop was also to develop knowledge, skills and attributes necessary for the students to learn the basic and advanced tools available for measuring the levels of different pollutants in soil and water. The workshop aimed to play a pivotal role in skilling the students to apply their scientific skills in mitigating this alarming issue. The main objectives of this endeavor were to provide a comprehensive understanding of all aspects related to the pressing issue of environmental pollution of soil and water, the detrimental effect imposed and the need to accurately detect the levels of pollutants for timely intervention and to enhance the practical quotient of the students and make them apprise of key parameters of research such as designing an experiment, preparation of reagents, precautions to be taken, trouble shooting, result observation, data analysis etc.

With the primary objective of upskilling the students and providing hands on training in detection of environmental pollutants in soil and water, five days hands on training workshop was organized under MCM Vigyan Manch , Mehr Chand Mahajan DAV College for Women, Chandigarh funded by Department of Science and Technology and Renewable Energy, Chandigarh Administration, Chandigarh (U.T) from 12th March 2024 to 16th March 2024. The workshop kickstarted with the motivational words of respected principal madam Dr. Nisha Bhargava as she laid emphasis on the importance of more such hands-on training workshops to be conducted for the students as part of skill enhancing initiatives. She also praised that the topic of the workshop was a very crucial one owing to the ongoing challenge posed by environmental pollution of our natural resources. Day -1 included the registration of the participants and preparation of reagents for the related experiments.

Day -2 of the workshop started with the official welcome of the Guest of Honor for the event i.e Er. Rakesh Kumar from DST UT, Chandigarh and Special guest- Dr Sonica Sondhi, Scientist, Haryana Pollution Control Board. They addressed the audience and enlightened them about the detrimental impact of pollutants and the need to mitigate this issue by applying scientific knowledge and expertise.

The Key note address was then delivered by Dr Naveen Gupta, Chairperson, Department of Microbiology, Panjab University, Chandigarh, on the topic “Molecular and Advanced Techniques for Analysis of Soil and Water: A Boon for the Management of Environment”. He gave a useful insight into the different molecular tools and techniques that can be used for accurate and sensitive detection of pollutants in soil and water samples. He also apprised the students on the advanced versions and new developments in this direction. This was followed by initiation of Day-1 Technical session titled “Analysis and Management of Water: A sustainable approach” delivered by Dr. Neena Puri, Head, Department of Industrial Microbiology, Guru Nanak Khalsa College, Yamunanagar. She gave a comprehensive lecture detailing on the analysis and techniques used in conserving and managing water.

Day -3 session was initiated by resource person- Dr. Navneet Batra, Head, Department of Biotechnology, S. D. College, Chandigarh, who gave hands on training on the basic molecular techniques used for environmental analysis. This was then followed by second technical session on isolation of metagenomic DNA that was taken by Dr Sonu Bhatia and Dr Abhinashi Singh, Assistance Professor, Department of Biotechnology, S. D. College, Chandigarh, with assistance from the technical team.

Day -4 session started with Hands on Training on “Quantitative and qualitative assessment of microbial communities in soil by microbiological and enzymatic analysis” that was taken by Dr. Vandana Sharma, Assistant Professor, Department of Food Science, Mehr Chand Mahajan DAV College for Women, Chandigarh.

This was then followed by an interactive session cum lecture on “Socioeconomic Impacts of Environmental Pollution” by Ms. Phalguni Gupta from University Business School, Panjab University, Chandigarh. She updated the students with the social and economic loss occurring globally due to the irreparable damage brought by increasing various anthropogenic activities

and pollution. She also discussed the detrimental effect/impacts on biodiversity, climate change, water quality, human health, human rights, community development, and more.

The concluding day i.e Day-5 started with the hands-on trainings session by Mr. Rahul on final data interpretation and compilation of results as well as showcased a “Virtual Tour of Waste water Processing plant, process and its use for alternate purposes”. This was then followed by the final valedictory session wherein the entire organizing team, resource persons, students and event coordinators were felicitated for their efforts and participation. The workshop witnessed a participation of 37 students from the college and they showcased enthusiastic participation in all the scheduled technical sessions.

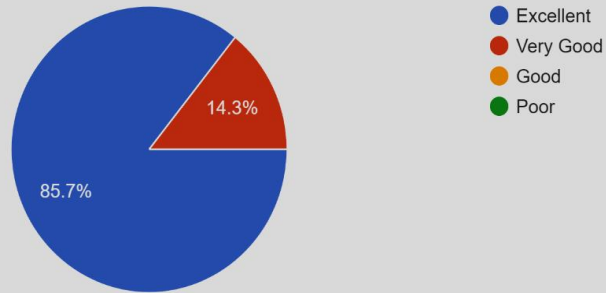
The workshop was highly appreciated by all the participants and it laid the foundation and gave direction for future skill-based activities to be adopted by the institution. The feedback given by all participants is as shown below:

The poster is for a workshop titled "Detection of Environmental Pollutants in Soil and Water" held from March 12 to 16, 2024. It is organized by MCM Vigyan Manch, Department of Science and Technology and Renewable Energy, Chandigarh Administration, Chandigarh (U.T.). The event is part of an "Inter-College Five Days-Hands on Training" series. The poster features a central circular graphic with four quadrants showing environmental scenes: a forest, a beach, a water treatment plant, and a field. Logos for the 50th anniversary of Swami Dayanand Saraswati Ji and the college are at the top. A registration link is provided at the bottom.



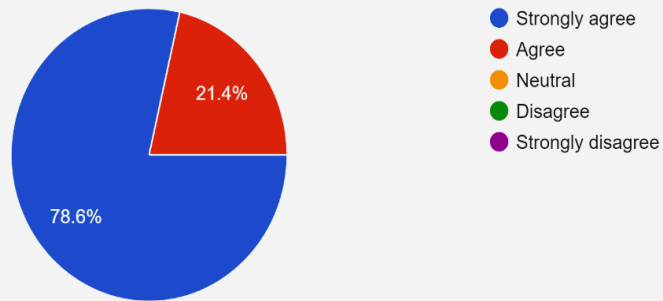
Rate the quality of knowledge given by the presenter

28 responses



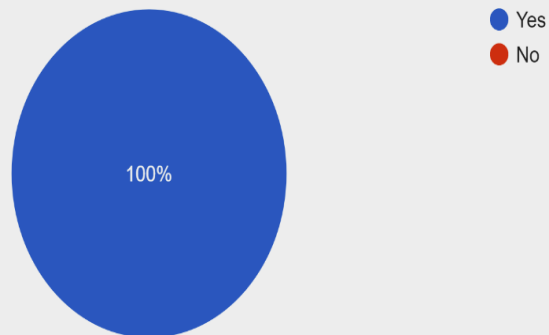
Did the workshop enabled you to learn new techniques and acquire new skill sets

28 responses



Would you recommend this workshop to others

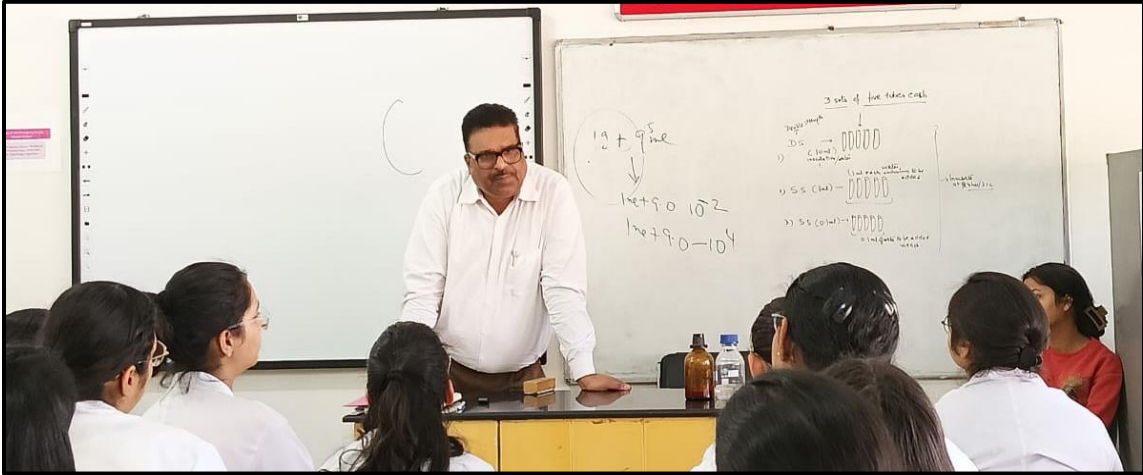
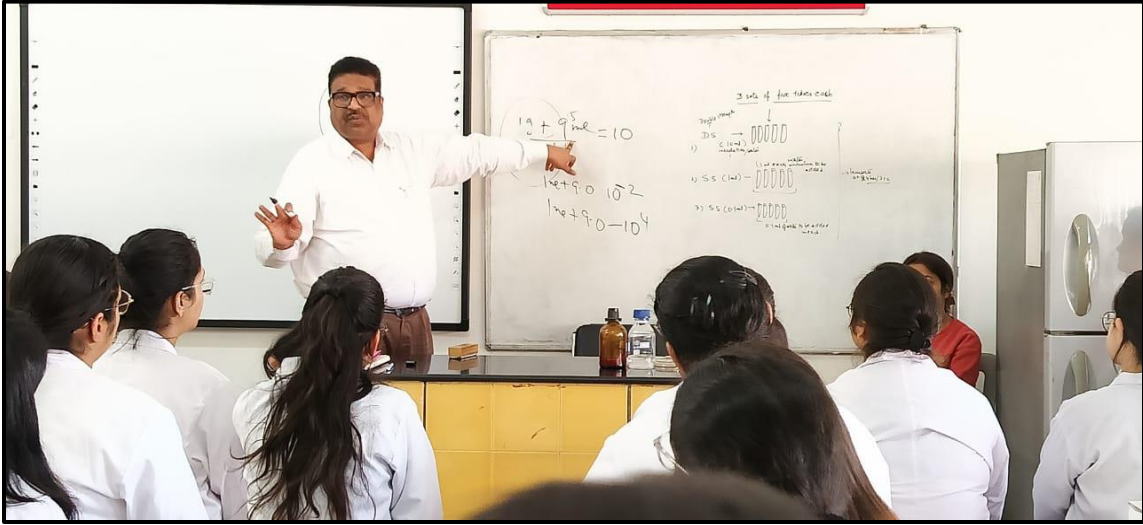
28 responses



Activity at a glance:









5. iTECH-FIESTA 2024 BY DEPARTMENT OF COMPUTER SCIENCE & APPLICATIONS

The Department of Computer Science & Applications, Mehr Chand Mahajan DAV College for Women organized Department of Science and Technology & Renewable energy, Chandigarh Administration sponsored iTech Fiesta 2024, an Inter-College IT Fest, under the aegis of MCM Vigyan Manch, on Feb 17, 2024 (Saturday). The Theme of the fest was Cyber Security Challenges & Opportunities and was aimed to offer a platform for students to self-actualize, explore and showcase their technical and extra-curricular skills. Three esteemed judges to evaluate the entries of various events were- Dr Preeti Aggarwal, from UIET, Panjab University, Ms Upasana, Deputy Director NIC, Chandigarh, Dr Preet Kamal from Department of Computer Science and Applications, Chandigarh University.



The fest witnessed enthusiastic participation of 162 students from 11 colleges across the Tricity including Post Graduate Govt. College, Sector 11, Post Graduate Govt. College for Girls, Sector 42, Guru Gobind Singh College for Women, Sector 26, Post Graduate Govt. College, Sector 46, DAV College, Sector 10, Sri Guru Gobind Singh College, Sector 26, Dev Samaj College for Women, Sector 45, Post Graduate Govt. College for Girls, Sector 11, Dev Samaj College for Education, Sector-36 and Government College of Commerce and Businesses Administration, Sector 50, Chandigarh.



Participants competed in various stimulating competitions that tested the IT and programming skills of participants. Eight events were organized namely, IT Quiz, Web Designing and Development, Debugging, e-Collage Making, Research Poster Presentation, e-Waste Modelling, Movie Making and Rangoli. The fest also included cultural activities by the students of Department of Computer Science and Applications. The reports of each of the events are given below:

I. DEBUGGING COMPETITION AT iTech-FIESTA 2024

On February 17, 2024, the Department of Computer Science and Application hosted a debugging competition as part of its annual IT-Fest titled iTech Fiesta 2024. The competition aimed to test participants' debugging skills and coding proficiency. The event spanned from 11:00 AM to 12:10 PM and comprised two rounds - a multiple-choice question (MCQ) round and a coding round.

The first round consisted of 25 multiple-choice questions (MCQs) designed to evaluate the participants' theoretical knowledge of debugging concepts. Teams were allotted 20 minutes to solve these questions. To add an element of challenge, negative marking was implemented, encouraging participants to carefully consider their answers.

The second round focused on practical application and coding proficiency. The first problem presented participants with a pre-written code containing both syntactical and logical errors. Teams were required to identify and rectify these errors, compile, and run the corrected code. The second problem required participants to code a solution from scratch, testing their coding skills and problem-solving abilities.

A total of 10 teams enthusiastically participated in the debugging event. The diverse pool of participants brought together individuals with varying levels of expertise, fostering a competitive yet collaborative atmosphere.

Each round was meticulously evaluated to determine the winners. In the MCQ round, participants were awarded points for correct answers, with deductions for incorrect ones due to the negative marking system. In the coding round, points were allocated based on the correctness of the debugging solutions and the code written from scratch. The result of the event is mentioned below.

S.No.	Position	Name of the Participants		College Name
1	1st	Rishav Kumar	Nitin Alohia	Post Graduate Govt. College, Sector 11
2	2nd	Chhavin Gupta	Neeraj Gupta	DAV College, Sector 10
3	3rd	Prachi Gumber	Aarti Bhardwaj	Mehr Chand Mahajan DAV College for Women, Sector 36

II. IT QUIZ AT iTech-FIESTA 2024

The IT Quiz, one of the segments of iTech-Fiesta 2024, witnessed notable participation and enthusiasm from various colleges. A total of ten teams representing diverse colleges registered for the IT Quiz. To ensure a fair and competitive environment, a preliminary round was conducted, comprising 20 multiple-choice questions (MCQs) within a time frame of 10 minutes. From this round, four teams were selected to advance to the final stage, where they engaged in a series of challenging rounds.

The final round was held in the Golden Jubilee Hall, the event served as a platform for showcasing intellectual acumen and technological awareness. The conduct of the quiz was overseen by Ankita and Anmol, both students of B.Sc. II, who assumed the roles of Quiz

Masters with commendable proficiency. The event comprised eight rounds, including General, Theme-based (Cyber Security), Visual, Abbreviation, Tagline, Selection, Win-Win, and Rapid-Fire rounds. Each round tested participants' knowledge and understanding of various aspects of information technology, Programming concepts, networking concepts, Database Management system, Operating system concepts, Graphics/web designing, Current affairs related to I.T and especially of Cyber Security- challenges and opportunities.

Behind the scenes, the organizing team, led by Palak and Riya from BCA 3, managed the score board of the event, ensuring smooth operations throughout. Timekeeping duties were efficiently handled by Muskan and Harshdeep from B.Sc III, while Ridhi from BCA III was responsible for managing the presentation, contributing to the overall professionalism of the event.

Audience engagement was facilitated through interactive segments, with questions tailored to their interests and knowledge levels. Banita of B.Sc. III, handled the questions of audience. As a token of appreciation, chocolates were distributed as reward to students who provided correct answers, enhancing the participatory nature of the event and nurturing a collective sense of inclusion and engagement among all attendees.

At the culmination of the event, Angellina Gill and Pavneet Kaur from MCM DAV College emerged as the winners of the IT Quiz, demonstrating exemplary teamwork and knowledge. The second position was secured by Arnav Khantwal and Krishan Kumar from Post Graduate Government College, Sector 46, while Aditi and Prachi from Post Graduate Government College for Girls, Sector 11 claimed the third position.

The participants were acknowledged and rewarded for their achievements in the formal prize distribution ceremony of iTech Fiesta 2024. Beyond the competitive aspect, the event served as a platform for promoting intellectual growth and fostering a deeper understanding of information technology among participants and attendees. The IT Quiz at iTech-Fiesta 2024 was executed successfully, thanks to the combined efforts of participants, student volunteers, and the audience. It exemplified the importance of academic and intellectual engagement in the field of information technology, contributing to the overall objectives of the event. The result of the event is mentioned below

S.No.	Position	Name of the Participants		College Name
1	1st	Angellina Gill	Pavneet Kaur	Mehr Chand Mahajan DAV College for Women, Sector 36
2	2nd	Arnav Khantwal	Krishna Kumar	Post Graduate Govt. College, Sector 46
3	3rd	Aditi	Prachi	Post Graduate Govt. College for Girls, Sector 11



III. WEB DESIGNING & DEVELOPMENT AT ITECH-FIESTA 2024

The theme of the Web Designing and Development contest was “Cyber Security- Challenges & Opportunities” and the topic assigned was “Create a portal/ website that offers different Cyber Security courses and add a registration form for the enrolling of students in the course”.

A total of 10 teams participated in the event and created impressive websites using HTML, DHTML, JavaScript, Bootstrap, Dreamweaver, MySQL, and PHP. Each team constituted of two participants from the same college. The participants used Notepad++ editor to code the given assignment. Participants were provided with Internet facility to download required images and course content. Total time assigned for completing coding was 1 hour 30 minutes (11:00 am to 12:30 pm) in Computer Lab 3 (Room No 126).

While a few participating teams created static websites without any registration form and others made completely interactive websites wherein different cyber security courses were displayed like cards along with the details and fees of the courses. The judges interacted with

the participating teams and asked them various questions regarding how they developed the pages and which tools they used to complete the assignment. Judges made their final decision about winners on the criteria of overall presentation/ appeal of the web pages, interactivity and tools used by the participating teams. The judges appreciated the work done by the participants. All the websites/ portals created were impressive and the participants were able to display their skills and creativity through the developed websites. Two students - Deepali of BCA-II and Mamta of PGDCA were the volunteer members of the organizing team. They helped the participants in seating, getting their attendance signed, handing over their refreshment coupons and handling their technical issues during the contest. The result of the event is mentioned below

S.No.	Position	Name of the Participants		College Name
1	1st	Rohan	Aryan	Post Graduate Govt. College, Sector 11
2	2nd	Dev	Gourav	Govt College of Commerce and Business Administration - 50
3	3rd	Rahul	Nitish	Post Graduate Govt. College, Sector 46

IV. E-WASTE MODELING EVENT: INNOVATIONS FOR SUSTAINABILITY AT ITECH-FIESTA 2024

The E-Waste Modeling event at iTech Fiesta 2024 hosted by the Department of Computer Science and Applications at Mehr Chand Mahajan DAV College for Women, Chandigarh, was a showcase of ingenious ideas and creative solutions towards repurposing electronic waste for sustainable and eco-friendly applications.

One of the standout models presented was the E-Waste Blade and Tool Sharpener. Students demonstrated how discarded hard disks could be repurposed by affixing sandpaper to create a highly efficient tool sharpener. Additionally, they ingeniously utilized a motor salvaged from a printer to power a cutter, showcasing a practical approach to recycling e-waste for everyday utility.

Another remarkable model focused on creating an eco-friendly city prototype. Students incorporated discarded solar panels to power LEDs, effectively simulating a city's lighting system. To address environmental concerns, they incorporated smoke absorbers using fans from old printers, highlighting the potential for sustainable solutions in urban development. This innovative model emphasized the importance of harnessing renewable energy sources and repurposing e-waste for practical applications.

A unique and entertaining model featured a DJ Party setup entirely constructed from e-waste materials. Salvaged electronic components were repurposed to create a visually captivating and functional DJ console. This model not only showcased the creativity of the participants but also highlighted the potential for transforming e-waste into engaging and entertaining setups, demonstrating that sustainability can be combined with entertainment.

The event also witnessed the presentation of a vehicle prototype designed for both practical and aesthetic purposes. The vehicle was equipped with a shade mechanism. Additionally, various e-waste components were creatively repurposed for decoration, showcasing how discarded electronics could be transformed into visually appealing and functional designs.



The event at iTech Fiesta 2024 served as a platform for students to exhibit their innovative solutions to the growing issue of electronic waste. The showcased models not only demonstrated the potential for repurposing e-waste for practical applications but also highlighted the importance of sustainable and eco-friendly practices in technology and design. This event not only encouraged creative thinking and problem-solving skills but also underscored the importance of responsible disposal and recycling of electronic waste in building a greener and sustainable future. The result of the competition is given below

S.No.	Position	Name of the Participants		College Name
1	1st	Arti	Surpreet Kaur	Mehr Chand Mahajan DAV College for Women, Sector 36
2	2nd	Jasmeen Kaur	Anshita Sharma	Post Graduate Govt. College for Girls, Sector 11
3	3rd	Khushboo	Harshita	Post Graduate Govt. College for Girls, Sector 11

V. RANGOLI MAKING COMPETITION AT iTech-FIESTA 2024

The Rangoli Making event at iTech Fiesta 2024 was hosted by the Department of Computer Science and Applications (DCSA) at Mehr Chand Mahajan DAV College for Women, Chandigarh. The theme of the event was Cyber Security- Challenges and Opportunities. A total of 10 teams participated in the event and made the impressive, creative and beautiful rangoli design on the floor which was 2 feet by 2 feet in size. Students brought their own colors and materials. For the competition, the teams were allotted 2 hours (09:30 am to 11:30 pm) to design rangoli on the ground floor corridor of the DCSA.

The judgement was based on the criteria of selection of the design, neatness, clarity, color combinations and creativity by the participant to make their designs more presentable. Two students – Kanupriya and Jasleen of BSc-II were the volunteer members of the organizing team. They helped the participants in getting the proper space, attendance signed, getting their refreshment coupons and handling their problem faced during the activity. The result of the activity is mentioned below

S.No.	Position	Name of the Participants		College Name
1	1st	Jeevika Sharma	Krittika Patyal	Mehr Chand Mahajan DAV College for Women, Sector 36
2	2nd	Ishneet Kaur	Nandini	Post Graduate Govt. College for Girls, Sector 42
3	3rd	Ruqayya	Mohit Pandey	Post Graduate Govt. College, Sector 11



VI. E-COLLAGES MAKING COMPETITION AT iTech-FIESTA 2024

The E-collage making competition at iTech Fiesta 2024 was hosted by the Department of Computer Science and Applications at Mehr Chand Mahajan DAV College for Women, Chandigarh. The theme of the event was Cyber Security. A total of 10 teams participated in the event and created a very attractive and impressive collage representing the issues related to cyber security. Judges made their final decision about winners on the criteria of their creative collage with eye-catching layout and effective presentation.

Two students – Sumedha and Gaganjot of BSc-II were the volunteer members of the organizing team. They helped the participants in attendance, refreshment coupons and technical issues raised during the activity. Internet facility was provided to download the images from the Internet. The result of the event is given below

S.No.	Position	Name of the Participants		College Name
1	1st	Himanshi	Rayna Nayyar	Mehr Chand Mahajan DAV College for Women, Sector 36
2	2nd	Sourav Gautam	Jasjot Singh	Sri Guru Gobind Singh College - 26
3	3rd	Rahul	Arthik	Govt College of Commerce and Business Administration - 50

VII. RESEARCH POSTER PRESENTATION AT iTech-Fiesta 2024

15 teams (30 students) from different colleges registered for the event. The theme of the poster-making was 'Cyber Security Challenges & Opportunities'. Participants presented their designs as flex/photoprints/charts on various subtopics such as Multi-factor authentication, Potential Cyber-attacks in IoT devices, Trends in Cyber Hacking, Emerging vulnerabilities, Application areas and alike. The result of the events is mentioned below

S.No.	Position	Name of the Participants		College Name
1	1st	Himanshi	Drishti	Mehr Chand Mahajan DAV College for Women, Sector 36
2	2nd	Yavneeka Gautam	Rayna Nayyar	Mehr Chand Mahajan DAV College for Women, Sector 36
3	3rd	Sharani	Sherya	DAV College, Sector 10



VIII. MOVIE MAKING COMPETITION AT iTech-Fiesta 2024

The theme of the movie making contest was “Cyber Security- Challenges & Opportunities” and the topic assigned was “Cyber Bullying”. A total of 10 teams participated in the event and created creative and informative movies of 3-4 minutes duration using Windows Movie Maker, Microsoft PowerPoint, or any open-source movie editing tool of their choice.

Total time assigned for completing the movie was 1 hour 30 minutes (11:00 am to 12:30 pm) in computer lab 1 (room no 124). Participants were provided with Internet facility to download required images and audio files. One team recorded narration on the spot using their smartphone and added it to the movie. The participants also used video clips from the Internet.

The judges interacted with the participating teams and asked them various questions regarding how they created the movies and which tools they used to complete the assignment. Judges made their final decision about winners on the criteria of overall presentation/ appeal of the final movie presentation, how well the participants justified the theme, and the editing was done. The judges were impressed with the creativity and imagination of the participants.

S.No.	Position	Name of the Participants		College Name
1	1st	Rahul Kumar Sharma	Harpreet Singh	Sri Guru Gobind Singh college - 26
2	2nd	Sharoon	Jaskirat Kaur	Mehr Chand Mahajan DAV College for Women, Sector 36
3	3rd	Kumari Neeva	Mamta	Dev Samaj College for education-36

IX. CULTURAL EVENTS AT iTECH-FIESTA 2024

The cultural extravaganza commenced with a traditional touch, as the audience was greeted with the soulful rendition of Saraswati Vandana, invoking blessings and setting a spiritual tone for the evening. This cultural fusion event showcased the diversity and rich cultural heritage of India. The festivities kicked off with the energetic beats of Bhangra, a Punjabi folk dance that had everyone on their feet, tapping to the infectious rhythm. The vibrant and colorful performances infused the atmosphere with exuberance, setting the stage for an unforgettable night.

The cultural journey continued with Naati, a traditional Himachali dance form, which added a rustic charm to the event. The performers beautifully portrayed the essence of Himachal Pradesh through their graceful movements and authentic attire.

Transitioning seamlessly, the audience was then treated to a dazzling showcase of Bollywood dance performances. The fusion of contemporary and traditional dance moves, coupled with vibrant costumes, left the spectators enthralled and tapping to the popular tunes of Hindi cinema.

As the evening unfolded, the spotlight turned to the melodic voices of the talented singers, enchanting the audience with a medley of soulful tunes. The singing segment added a serene and soul-stirring dimension to the cultural fiesta, showcasing the diverse talents within the student community.

The beats of Bhangra returned, taking the audience on another exhilarating journey of Punjabi folk dance. The infectious energy and rhythmic movements kept the excitement alive and the crowd engaged.

A thought-provoking skit on Cyber Crime then took center stage, highlighting the importance of Cyber Security in the digital age. The performers skillfully depicted the potential dangers of the virtual world and urged the audience to be vigilant and responsible online citizens.

The cultural spectrum widened with a vibrant Haryanvi dance performance, showcasing the traditional dance forms from the heartland of Haryana. The colorful costumes, energetic moves, and lively music captured the essence of Haryanvi culture, earning thunderous applause from the audience.

The pinnacle of the evening arrived with the much-anticipated prize distribution ceremony. Students who excelled in various academic and cultural competitions were honored, acknowledging their hard work and dedication.

The grand finale brought the event full circle, as the night concluded with a final Bhangra performance, leaving the audience with memories to cherish. The Department of Computer Science and Applications successfully orchestrated iTech Fiesta 2024, a cultural extravaganza that not only showcased the diverse talents of the student community but also emphasized the importance of cultural exchange and celebration in the academic setting.







6. ONE-DAY EDUCATIONAL TRIP BY THE DEPARTMENT OF BOTANY AND ADD ON COURSE IN FLORICULTURE AND LANDSCAPING

A one-day educational trip was organized on 18 March, 2024 to the “Dr. Yashwant Singh Parmar University of Horticulture and Forestry & Botanical Survey of India, High Altitude Western Himalayan Regional Centre Naini, Solan” by the Department of Botany and Add on Course in Floriculture and Landscaping, Mehr Chand Mahajan DAV College for Women, Sector 36-A, Chandigarh,. The field trip was sponsored by DST & RE, Chandigarh, and was attended by 44 students along with two faculty members - Dr. Gunjan Sud and Dr. Ruby Singh and the Lab Assistant- Mr. Shubham Gulati. The trip provided an opportunity to the students to learn about different aspects related to plant research, conservation, display, education and entrepreneurship. A group of eminent scientists both from the university as well as BSI provided an insight of the university starting from experimental field areas to labs and the herbarium of BSI. The educational trip commenced with the visit to the experimental farms of Department of Floriculture and Landscape Architecture under the guidance of Dr. Meenakshi where the team was introduced to varieties of indoor and outdoor plants and illustrated their propagation techniques. During the visit to the experimental farm section of Medicinal and Aromatic Plants, maintained by the Department of Forest Products, Mr. Deepak Yadav briefed about the role of forestry in agriculture and also apprised students about medicinal wealth of Himalayan region. Various stages of mushroom cultivation viz. composting, spawning, casing, pinning, and cropping under controlled conditions were observed in the Mushroom Research Laboratory as well as technology used in soilless cultivation of vegetables such as Lettuce through hydroponics. Dr. Bharti Kashyap from the Department of Floriculture and Landscape Architecture, College of Horticulture gave us an insight of her Floral craft laboratory. She explained the technology and techniques for dehydration and value addition (included bleaching and dyeing) of crops utilized in dry flower making (cultivated ornamentals, agricultural crops/ residues and native flora) and how different value-added products were prepared. During the visit to Department of Forest Products under the College of Forestry, Dr. Anshu Sharma and Dr. Pansy Thakur gave a brief presentation about Research activities; important techniques carried out by the institute and gave a tour of herbarium cum museum. The tour concluded with the visit to the High Altitude Western Himalayan Regional Centre of the Botanical Survey of India (Ministry of Environment, Forest & Climate Change, Govt. of India). The students were then taken to the

herbarium section where Dr. Kuldip S. Dogra Scientist-D along with Botanical Assistant Brijesh Meena explained about the relevance of the herbaria and live demonstration of the methodology involved.

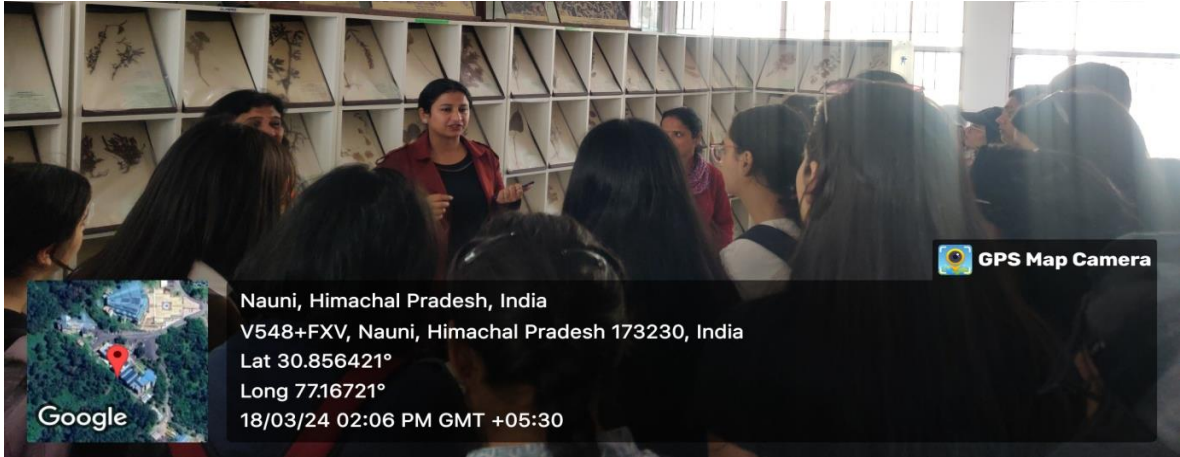
The main objective of the trip was to allocate students an orientation pertaining to plant identification, preservation and conservation techniques along with entrepreneurship advancements in newly emerging sectors of agriculture, horticulture and forestry.

The students visited the different divisions of “Dr. Yashwant Singh Parmar University of Horticulture and Forestry & Botanical Survey of India, High Altitude Western Himalayan Regional Centre Nauni, Solan” a world renowned university and were updated on the different aspects related to plant identification, propagation, conservation, processing, utilization and commercialization of the same. The concerned experts took the students around the university (experimental farms, research laboratories, museum and herbarium) and provided them an insight into the latest developments in the fields mentioned above.

The students gained a plethora of information about plant species, especially from the sub-tropical, sub-alpine and alpine zones of the Western Himalayan Region including different techniques involved in their cultivation, product extraction, preservation and conservation. They expressed their eagerness for further such exposures and were willing to undertake research and trainings in the areas which may prepare them to have their own start-ups in the near future.









7. A POSTER PRESENTATION COMPETITION CONDUCTED BY PG DEPARTMENT OF MATHEMATICS

Under the aegis of MCM Vigyan Manch, Post Graduate Department of Mathematics, Mehr Chand Mahajan DAV College for Women, Chandigarh organized a Poster Presentation Competition on January 31, 2024. This competition was sponsored by Department of Science & Technology and Renewable Energy.

The objective of this competition was to bring out the creative expressions of students and awareness of various trends of Mathematics in other disciplines. The competition was open for the students of all streams of the college on the following topics.

For UG students : Applications of Mathematics in other disciplines

For PG students : Mathematics in Artificial Intelligence

In Under Graduate category 15 entries were received and in Post Graduate category 8 entries were received. The result of the event is as follows:

Under Graduate:

S.No.	Position	Name	Class
1	1st	Aditi Rana	B.Sc III (MFT)
2	2nd	Chhavi	B.Sc III (Medical)
3	3rd	Sneha Dhankhar	B.Sc II (Computer Applications)
4	Consolation	Gaman	B.Sc II (Medical)

Post Graduate :

S.No.	Position	Name	Class
1	1st	Tanisha Sood	M.Sc I (Mathematics)
2	2nd	Khushboo Dalal	M.Sc II (Mathematics)
3	3rd	Vanshika Sheoran	M.Sc I (Mathematics)
4	Consolation	Aayushi	M.Sc I (Mathematics)

The winners were awarded cash prizes. It was a very successful event organised to give exposure to the students to interact with each other and develop new ideas. Principal madam Dr Nisha Bhargya congratulated the winners and appreciated the efforts of the department.





MCM VIGYAN MANCH

(2023-24)

**Under the aegis of
Department of Science and Technology and
Renewable Energy, Chandigarh**



**Mehr Chand Mahajan DAV
College for Women
Sector-36A, Chandigarh**