

REPORT ON DEEKSHARAMBH STUDENT INDUCTION PROGRAMME

ORGANIZED BY

FACULTY OF SCIENCE

(Department of Environmental Science)

August 1-3, 2024

A three-day Deeksharambh Student Induction Programme was organized by the Faculty of Science from August 1-3, 2024. On the first day, the event commenced with a welcome address by Prof. Abdul Rahman Khan, the Controller of Examinations and Dean of the Faculty of Science. The address was also given by **Prof. Aqueel Ahmad**, Advisor to the Chancellor; Dean of Student Welfare, **Prof. M. A. Khalid**; and the Heads of various departments: **Dr. Ambrina Sardar Khan**, **Prof. Mobin Ahmad**, and **Prof. Shamoon Ahmad Siddiqui**.



On the first day, August 1, fresh-year students were addressed by the Head of the Department of Environmental Science, who welcomed the students and shared the history of the department since its inception, followed by progress and achievements. All faculty members were introduced to students, sharing their expertise and achievements with students.

The students were briefed on the websites, DPC, CCGND, and other academic facilities of the university and department.

The Department of Environmental Science organized an expert lecture. On this occasion, our esteemed speaker was **Dr. Pradeep Kumar Shukla** Dy. Director of the Medicine and Process Chemistry Division of CSIR-Central Drug Research Institute (CDRI) Lucknow. He is the first person in the world to start a novel concept called Scientoons, a new class of cartoons based on science. He is the father of scientoonics, a new branch of scientific communication. He delivered a lecture on the topic “Bioinspired Engineering.” He explained that bio-inspired engineering draws inspiration from nature to solve engineering challenges and to create innovative designs and products. He said that nature has evolved into a complex and efficient solution through millions of years of evolution, which can be leveraged to develop advanced technologies and systems and highlight their applications in various fields. He explained how

the scientist built the concept inspired by Stenocara's shell and crafted material that collects water from the air more efficiently than the existing design. He also gave another example such as Bullet trains, the streamlined shape of bullet trains is derived from the beak of a kingfisher, reducing air resistance and increasing speed and wind turbine designs have been optimized by studying the aerodynamics of bird wings and the movement of schools of fish. He also explained the powerful adhesive produced by China, named Gecko, inspired by the Indian Origin Mountainous lizard. The first Day was moderated by **Dr. Tahmeena Khan**



On the Second day of the Deeksharambh Student Induction Program, on August 2, 2024, a brief introduction of the proctorial role and responsibilities and the assistant proctor of the departments were shared with the students.

During the interaction with the senior students, Syed Iqra and Kajal Mishra, two of our M.Sc. Second-year Environmental Science students addressed the audience and their peers regarding the Department of Environmental Science and the resources it offered, including a lab, library, sports facilities, and cultural events. They discussed their decision to pursue careers in Environmental Science, emphasizing the subjects' breadth and significance. They also highlight the various extracurricular and co-curricular activities that contribute to their overall development. Furthermore, they emphasized the importance of enhancing skills and learning innovative approaches to tackle environmental challenges. Understanding the underlying causes and effects of environmental degradation is essential for comprehensive environmental education.



In continuation to it two Alumni i.e Mr. Vaibhav Tripathi and Ms. Pragati Sharma were invited for Alumni interaction with the new students from BSc Ist year and MSc Ist Year of the academic session 2024-25 in Department of Environmental Science, Integral University, Lucknow. They recommended that freshers develop strong time management skills, actively participate in classes, and seek help when needed.



On Day 2 of the Deeksharambh (Student Induction Program) 2024, three short documentaries were shown to students on Universal Human Values. The documentary session was coordinated by Dr. Mohammad Usama (EVS), Assistant Professor, Department of Environmental Science, Integral University, Lucknow. The responsibility of “Peer Pressure” documentary was assigned to Dr. Najmuddin Ahmad, Associate Professor, Department of Mathematics & Statistics, “Prosperity” was assigned to Dr. Iqbal Azad, Assistant Professor, Department of Chemistry, “Relationship” to Dr. Mohammad Usama, Assistant Professor, Department of Environmental Science and “Basic Human Aspirations”, Dr. Mohammad Amir Qayoom, Department of Mathematics & Statistics.

1. Peer pressure- https://youtube.com/playlist?list=PLim9gWjsjN-7jKqp65fE0WnvoqCfGxgF&si=ngpPHZkOBwH2_8AK
2. Prosperity- (<https://youtu.be/-1VzEaPZWls?si=riEulv1vosLeJBgW>)
3. Relationships - https://youtu.be/fYbLzYUdo68?si=d6_y-n6rs6YTfQPo
4. Basic Human Aspirations- <https://youtu.be/0klrpTeGdVc?si=yChpirne9iDgvBht>

The program was followed by visits to the Centre for Career Guidance & Development (CCG&D), Central Library, and Central Instrument Facility (CIF). The visit to CCG&D provided students with insights into the various career services available, helping them to understand how to plan and navigate their career paths effectively. Director of CCG&D, Dr. Nilanjan Mukherji, provided an overview of CG&D, including career counseling, internships, and job placement.



Visiting the Central Library highlighted the extensive resources available to support students in academic and research activities. Dr. M. U. Raja presented the online catalog and research databases of various sections of the library, including references, periodicals, and digital resources.



The session was moderated, and a Vote of Thanks was delivered by **Dr. Rahila Rahman Khan**.

On the third day (03/08/2024), the Talent Hunt Programme was organized in Seminar Hall (D113) from 10:30am onwards Coordinated by Dr. Amina Jafri, Assistant Professor, EVS

- ✧ **Slogan Writing Competition**
- ✧ **Sketching / Drawing Competition**
- ✧ **Music/ Singing Competition**
- ✧ **Poetry Recitation Competition**

- **Slogan Writing Competition** was judged by Dr. Shadab Ahmad (Department of Mathematics) and by Dr. Nafees Ahmad (Department of Chemistry)



- **Sketching / Drawing Competition: Drawing competition** was judged by Dr. Rahila Rahman Khan (Department of EVS) and by Dr. Tahira Khatoon (Department of Physics)
- **Poetry Recitation Competition: Poetry Recitation competition** was judged by Dr. Saimah Khan (Department of Chemistry) and by Dr. Shweta Yadav (Department of EVS)
- **Singing Competition: Singing competition** was judged by Dr. Idrees Khan (Department of Mathematics) and by Dr. Nafees (Department of Physics)

Winners of Competition

S.No.	Activity	First Position	Second Position	Third Position
1	Slogan Writing Competition	Arfia Parvez	Afreen Bano	Abdul Ahad

2	Sketching / Drawing Competition	Muskan Yadav	Drishti Tiwari	Anisha Singh
3	Music/ Singing Competition	Urooj Rasheed	Shahzan Ahmad	Krishna Kashyap
4	Poetry Recitation Competition	Arsalan	Urooj Rasheed	Shaizan Ahmad


INTEGRAL UNIVERSITY


Talent Hunt

Organized by
Faculty of Science
(Department of Chemistry, Physics,
Environmental Science, and Mathematics & Statistics)



Events at a Glance:

Slogan Writing Competition
Sketching / Drawing Competition
Music/ Singing Competition
Poetry Recitation



Date: 3rd August 2024

Time: 10:00 A.M.

Venue: DI13



Coordinators:

Dr. Tahmeena Khan
Dr. Amina Jafri
Dr. Firoz Hassan
Dr. Anand Mishra



(Under the Aegis of Student Induction Programme Deeksharambh)

Rules and Regulations

1. Slogan Writing Competition:

Theme: Gender Equity: Challenges and Opportunities

Rules for the Event:

- The Slogan should be written on a A4 Sheet Paper.
- The slogan should be handmade
- Name and Class should be mentioned on the backside of the slogan.
- Slogan will be judged on the basis of content, relevance to the theme and creativity.

2. Sketching / Drawing Competition

Theme: Water Sanitation and Conservation

Rules for the Event:

- Drawing should be made on A4 Sheet Paper
- It Should be handmade and colourful.
- Name and Class should be mentioned on the backside of the drawing.
- Drawing/ Sketching will be judged based on content, relevance to the theme and creativity.

3. Music/Singing Competition

Rules for the Event:

- Lyrics of the song should not be vulgar.
- Judging will be done based on the selection of song, and singing skills.

4. Impromptu Poetry Competition

Judgment criteria for poem recitation

- Poetry or couplets should be self-composed.
- Judging will be done based on the content and oratory skills.

Winners will be felicitated with medals and Certificates

Attendance Sheets of Participants

INTEGRAL UNIVERSITY
Deekshurambh
Student Induction Programme
Department of Chemistry and Department of Environmental Science organized
Talent Hunt
Poetry Recitation Competition
Date: 03rd August 2024
Time: 11:30am onwards

Name of Judge: Dr. Ramesh

S.No.	Name of Student	Department	Self Composed (10)	Decency (10)	Total (20)
1	Ujjay Roshan	Wardham	8	8	16
2	Pratima Kishore	Wardham	8	8	16
3	Shubham	Wardham	8	8	16
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

Signature of Judge: [Signature]
Shriyan Akhnd - 1st
Ujjay Roshan - 1st
Anshika - 1st

03/08/2024 11:42

INTEGRAL UNIVERSITY
Deekshurambh
Student Induction Programme
Department of Chemistry and Department of Environmental Science organized
Talent Hunt
Music/Singing Competition
Date: 03rd August 2024
Time: 11:00am onwards

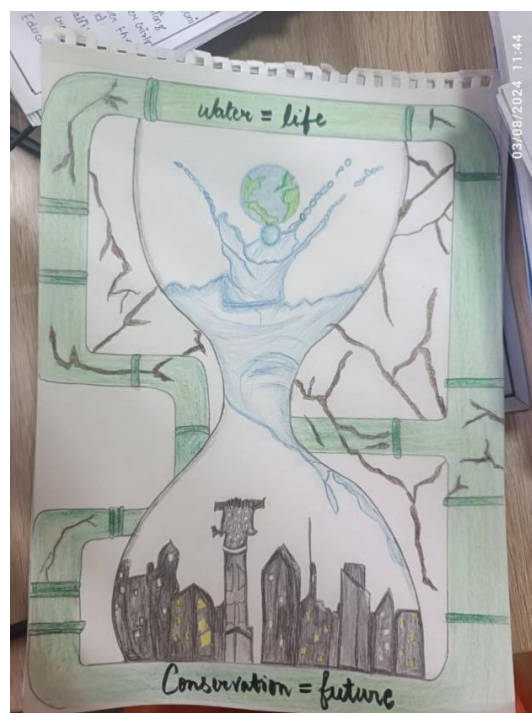
Name of Judge: Dr. Neelam

S.No.	Name of Student	Decency (10)	Sing In Tune (10)	Total (20)
1	Ujjay Roshan	8	8	16
2	Pratima Kishore	8	8	16
3	Shubham	8	8	16
4				
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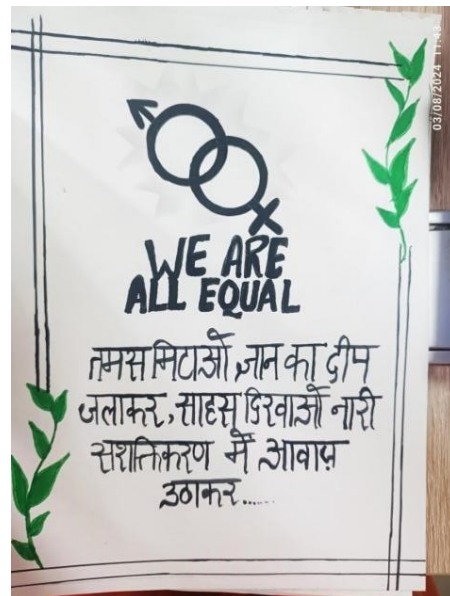
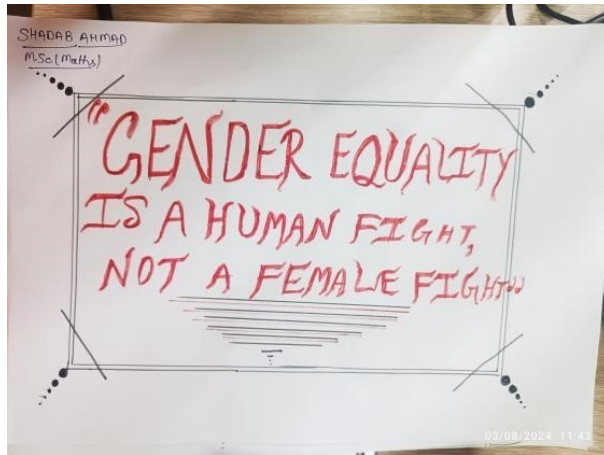
Signature of Judge: [Signature]
Koushan Kishore - 1st
Shriyan Akhnd - 1st
Ujjay Roshan - 1st

03/08/2024 11:42

Pictures of Drawing Competition



Pictures of Slogan Writing Competition

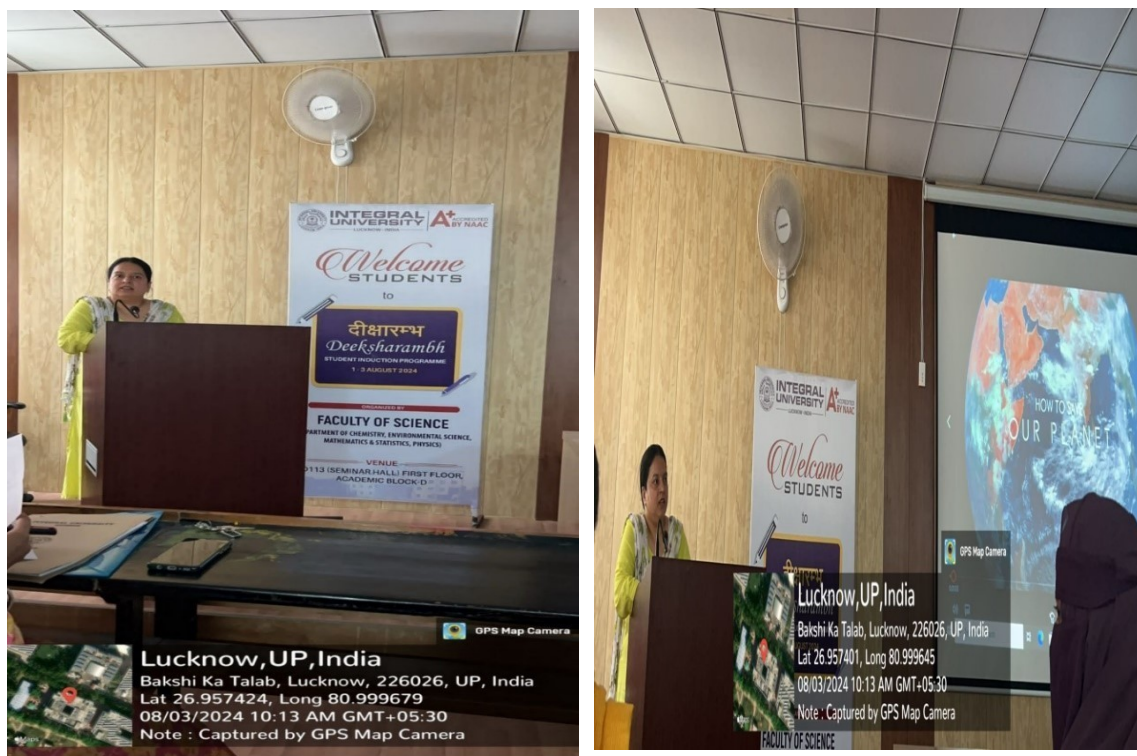


Photographs with Winners



In continuation of the Deeksharambh Student Induction Programme, **Dr. Syed Saema**, Assistant Professor Department of Environmental Science, coordinated the short documentary (as a part of Deeksharambh) on "Save Our Planet." She has a brief documentary that climate change, pollution, deforestation, and species extinction threaten the foundation of life on Earth. We owe it to ourselves, our children, and future generations. We owe this to the planet who gives us life. We can

transition to renewable energy, reduce waste, and protect natural wonders. We can create a generation that saves the planet.



A **departmental visit** was organized during the orientation program. The students toured the laboratory where they received demonstrations of the facilities and instruments.



The session was moderated, and the Vote of Thanks was delivered by **Dr. Sameena Saba**

