



LIFE SCIENCE INNOVATION CHALLENGE

Activity under IWRS Student Chapter

IIMT UNIVERSITY, MEERUT

School of Life Science & Technology

PROGRESS REPORT

APRIL, 2024

Venue: B Block Seminar Hall

List of Activities:

ACTIVITY 1:

Title of the Activity: PRESENTATION

Biotechnology

- 1) **Bio sorbents as alternative in diapers**
- 2) **SHOOT TIP CULTURE**
- 3) **GENETIC ENGINEERING**
- 4) **BIOREACTOR**
- 5) **FOOD FERMENTATION**
- 6) **COVID-19**
- 7) **HARNESSING ENERGY FROM WASTE**

MICROBIOLOGY

- 1) **GMO**
- 2) **POWER OF MICROBES IN VACCINE**



- 3) **MICROBIAL INTERACTIONS**
- 4) **PRE PRO AND POST BIOTIC**
- 5) **CAREER PROSPECTS IN MICROBIOLOGY**
- 6) **BIOREMEDIATION**

ZBC

- 1) **BIOTERRORISM**
- 2) **UN SUSTAINABLE DEVELOPMENT GOAL (USG)**
- 3) **ERADICATION OF GLOBAL HUNGER VIA FISHERIES**
- 4) **SOIL POWER REFORMERS**
- 5) **MANAGEMENT AND CONSERVATION OF ENDANGERED SPECIES**

Date and Time:

30TH APRIL, 2024



Learned region / challenge

| Name of Team | Name of Team leader | Name of Class (Sem/Yr) | Name of Department | Name of Topic for Digital Presentation |
|------------------------|---------------------|--------------------------|-------------------------|--|
| | Boss | 1 / 2 | SL&T | Inventory |
| girl and team | Ujjwal giri | Bsc. Biotechnology 6th | Department of Biotech | Bioadsorbents as a alternative in |
| power reformers | Gauri Verma | Bsc ZBC second sem/ fi | Department of botany | Biofertilizers |
| NO Detectives | Priyanshi Siwach | 1st year | Microbiology | Difference between Prebiotics , F |
| FROM MINDS | Harshika Choudh | Bsc microbiology (4/2) | Microbiology | Microorganisms in action |
| ma chhavi, Poo | Mahima | 6th sem/3rd year | School of life science | Bioremediation: The role of micro |
| ME TITANS | Arnav kaushik | Bsc biotechnology 6th s | Department of biotech | Covid -19 |
| bea | Yasim | BMB 3 Year | Department of Microbi | Bioterrorism |
| gauri, Akansha, Vai | Pallavi | 6th Sem/3rd Year | Department of Microbi | Microbial Interactions |
| technology squad | Jyoti Sharma | 5sem | Life science of technol | Development of bioremediation a |
| Germ Squad | Vanshika Chauha | Bsc microbiology (4th se | Microbiology | MicroVax: Unleashing the power |
| sha and Ananya | Amisha and Anan | 4 sem / 2 year | Zoology | Management and Conservation c |
| zoology final year | Shubdha gaur | MSc. Zoology 4th sem fi | Zoology Department | ERADICATION OF GLOBAL HU |
| u and 6 others | Tanu | 2/1 | Microbiology | Genetically Modified Organisms i |
| creative mind | Nidhi Sharma | Bsc biotechnology 2 yr/ | Department of Biotech | Demonstration of waste water tre |
| creative Mind | Nidhi sharma | 4th semester | Biotechnology | Demonstration of waste water tre |
| creative mind | Nidhi | 4th sem/2nd yr | Department of Biotech | Demonstration of wastewater tre; |
| Creative Mind | Nidhi sharma | 4th semester | Department of biotech | Demonstration of waste water tre |
| creative mind | Nidhi Sharma | B.sc biotechnology 2nd | Biotechnology | Demonstration of waste water tre |
| m alpha | Aniket tripathi | Bsc microbiology (2/1) | Life science and techn | Microbial rainbow |
| ha | Leena | 4Semester/ 2year | Bsc biotechnology | Bioreactor |
| chondriacs | Saloni Kashyap | BMB 2nd year 4th Sem | Microbiology | Food Preservation |
| ika Rani ,Riya Ty | Kanika Rani | 6th / 3rd | Microbiology | Fermentation in food : microbes i |
| in Rana, Sadiqa, Harsh | Rana | Bsc (MIC) 2nd semester | Bsc Microbiology | Career prospects in microbiology |
| growth innovator: | Yashi Raghav | 2nd/1st year | Bsc biotechnology | Shoot tip innovators |
| growth innovator: | Yashi Raghav | 2nd/1st year | Bsc Biotechnology | Shoot tip innovators |
| rowth Innovator | Yashi raghav | 2sem (1 year) | Biotechnology | Shoot tip innovators |
| rowth Innovator | Yashi Raghav | School of life sciences | Bsc | Shoot tip innovators |
| EAM | Mukul | Bsc biotechnology 2nd y | Bsc Biotechnology | Sustainable Development |
| ip A | Aryan Bhal | 1st year | Biotechnology departm | Plastic waste management |

BPT (I) Re Year.



Need of the Activity:

LIFE SCIENCE INNOVATION challenge a grand project exhibition was organized on 30th April 2024. The main objective of LIFE SCIENCE INNOVATION challenge a grand project exhibition was to encourage students to come up with innovative ideas in the field of life sciences.

SDG goal:

In the first round digital poster presentation was organized by school of life sciences where all students were encouraged to participate.

Brief Description (Need/Impact/Action/Picture (if any):

To motivate students to develop their research and problem-solving skills. To provide them with a platform to showcase their talents and ideas. Provide opportunity to students to showcase their creative ideas. Provide opportunity to students to enhance their academic performance

Outcome of the activity:

Students from various program has participated in challenge enthusiastically. They come up with different Novel idea.

The challenge was open to students of all ages, and entries were judged on their originality, creativity, and potential impact on the field of life sciences.

The LIFE SCIENCE INNOVATION challenge was a great success, and it helped to inspire a new generation of scientists. The challenge showed students that they can make a real difference in the world, and it encouraged them to pursue their dreams of becoming scientists.

The challenge also helped to raise awareness of the importance of life sciences research. The challenge showed the public that life sciences research is essential for solving some of the world's most pressing problems, such as climate change and disease.

The LIFE SCIENCE INNOVATION challenge was a great example of how science can be used to make the world a better place. The challenge inspired students to pursue their dreams, and it raised awareness of the importance of life sciences research.

Brochure of the activity:



SCHOOL OF LIFE SCIENCE & TECHNOLOGY

ORGANIZING LIFE SCIENCE INNOVATION CHALLENGE A GRAND PROJECT EXHIBITION

30th April, 2024: 1st Round Digital Poster Presentation

2nd May, 2024 1st Round Poster Exhibition

Venue: Seminar Hall, B Block, IIMTU

Participants are requested to register your name by 28th April, 2024

Dr. Navneet Sharma
DEAN

Dr. Mukta Sharma
Dy. Dean

Dr. Shubha Dwivedi
HOD, Biotechnology

Dr. Surabhi Singhal
HOD, Botany

Dr. Sangeeta Sharma
HOD, Zoology

Dr. Abha Verma
HOD, Microbiology

Event Coordinators

Dr. S. M. Bhatt

Dr. Sachin Tyagi



0121-2793500



www.iimtu.edu.in

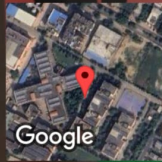


Attendance of the activity

Photos of activity: Judges Panel includes Dr. Paresh Pundir and Dr. Pankaj Saini.







Meerut, Uttar Pradesh, India
 XQX7+76R, O Pocket, Ganga Nagar, Meerut, Uttar Pradesh
 250001, India
 Lat 28.998466° Long 77.762859°

GPS Map Camera



Number of participants

BBT 53

MBT 6

CBZ 3

Number of presentations Department wise



Biotechnology



SCHOOL OF LIFE SCIENCE & TECHNOLOGY

DEPARTMENT OF BIOTECHNOLOGY

LIFE SCIENCE INNOVATION CHALLENGE

30th April, 2024

Attendance Sheet

| BBT VIth Semester | | | | |
|-------------------|------------|------------|-----------|------------------------|
| S.No | Roll No | First name | Last name | Signature |
| 1. | 2163008034 | UJJWAL | GIRI | <i>Ujjwal</i> |
| 2. | 2163008022 | NISHU | KUMAR | |
| 3. | 2163008010 | DEEPANSU | | |
| 4. | 2163008024 | PRATHAM | PAYAL | |
| 5. | 2163008001 | AAKANSHA | CHAUDHARY | |
| 6. | 2163008006 | ARNAV | KAUSHIK | <i>Arnav Kaushik</i> |
| 7. | 2163008021 | NISHANT | KUMAR | |
| 8. | 2163008005 | ANUSHI | TOMAR | |
| 9. | 2163008009 | DEEPA | | |
| 10. | 2163008042 | GAURANSH | TYAGI | |
| 11. | 2163008020 | MONIKA | RANA | <i>Monika Rana</i> |
| 12. | 2163008004 | ANSHIKA | TYAGI | <i>Anshika Tyagi</i> |
| 13. | 2163008030 | SHAGUN | TYAGI | <i>Shagun Tyagi</i> |
| 14. | 2163008038 | VAISHNAVI | TYAGI | <i>Vaishnavi Tyagi</i> |
| 15. | 2163008019 | MOHD | RIHAN | |
| 16. | 2163008039 | VANSHIKA | | |
| 17. | 2163008016 | MANSI | RAJ | |
| 18. | 2163008026 | PRIYANSHI | | |
| 19. | 2163008003 | ADESH | SINGH | <i>Adesh</i> |
| 20. | 2163008028 | SAKSHI | CHANDEL | |
| 21. | 2163008036 | URVI | KAKRAN | |
| 22. | 2163008033 | SRASHTI | | |
| 23. | 2163008008 | AYUSHI | JAKHAR | |
| 24. | 2163008032 | SABA | SIDDIQUI | <i>Saba Siddiqui</i> |
| 25. | 2163008013 | JYOTI | SHARMA | |
| 26. | 2163008023 | NITIN | RANA | |
| 27. | 2163008011 | HARSHITA | | <i>Harshita</i> |
| 28. | 2163008037 | UTSAV | MISHRA | <i>Utsav Mishra</i> |
| 29. | 2163008025 | PRIYANKA | RAJPUT | |
| 30. | 2163008014 | KOMAL | SHARMA | |
| 31. | 2163008029 | SAKSHI | GUPTA | |
| 32. | 2163008015 | MANN | CHAUDHARY | |
| 33. | 2163008031 | SHOBHIT | CHAUDHARY | |
| 34. | 2163008027 | PRIYANSHU | PANWAR | |

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SCHOOL OF LIFE SCIENCE & TECHNOLOGY
DEPARTMENT OF BIOTECHNOLOGY
LIFE SCIENCE INNOVATION CHALLENGE
30th April, 2024
Attendance Sheet

| BBT IVth Semester | | | | | | | |
|-------------------|------------|-----------|-----------|------------|------------|-----------|--------------|
| Roll No | First name | Last name | Signature | Roll No | First name | Last name | Signature |
| 263008008 | AMRITA | SINGH | | 2263008024 | KANIKA | | |
| 263008028 | LEENA | | Leena | 2263008007 | AMBIKA | MALIK | |
| 263008004 | ADITYA | ANAND | Anand | 2263008021 | HIMESH | ANAND | |
| 263008052 | SHRUTI | | | 2263008036 | PRACHI | | |
| 263008017 | GUNJAN | | Gunjan | 2263008046 | SANIYA | ZAIDI | Saniya |
| 263008057 | VANI | CHAUHAN | Vani | 2263008005 | AHANA | TYAGI | Ahana Tyagi |
| 263008041 | RADHIKA | | Radhika | 2263008056 | TANUSHREE | | |
| 263008035 | NITIN | | | 2263008038 | PRIYANKA | SHARMA | Priyanka |
| 263008059 | VISHAL | KUMAR | Vishal | 2263008020 | HARSH | TIWARI | Harsh Tiwari |
| 263008037 | PRASHANT | KUMAR | Prashant | 2263008012 | ARSHI | BARI | Arshi Bari |
| 263008048 | SHAHNAZAR | | | 2263008034 | NITI | TYAGI | Niti Tyagi |
| 263008019 | HARSH | KUMAR | Harsh | 2263008040 | RABI | KUMAR | Rabi Kumar |
| 263008054 | TANJEET | TOMAR | Tanjeet | 2263008060 | WAJID | | |
| 263008018 | GURMEET | SINGH | Gurmeet | 2263008027 | LAYBA | ZAIDI | Layba Zaidi |
| 263008049 | SHAKIR | | | 2263008047 | SANSKRITI | | |
| 263008039 | PRIYANSHI | | | 2263008006 | AMAN | ANSARI | |
| 263008016 | DRISHTI | ARYA | | 2263008009 | ANIKET | BHARTI | |
| 263008025 | KRITIKA | | | 2263008031 | NIDHI | SHARMA | Nidhi Sharma |
| 263008029 | MUKUL | | | 2263008053 | SUMIT | OJHA | Sumit Ojha |
| 263008030 | NANDINI | BANSAL | | 2263008044 | ROHIT | KUMAR | |
| 263008003 | AANYA | GOEL | Aanya | 2263008002 | AAKRITI | KUMARI | |
| 263008055 | TANU | GARG | | 2263008022 | ISHA | CHAUDHARY | |
| 263008032 | NIKITA | VERMA | Nikita | 2263008051 | SHIVAM | KUMAR | |
| 263008014 | DIKSHIKA | CHOUHARY | | 2263008045 | SAKSHI | DHAKA | |
| 263008011 | ANUSHKA | TYAGI | Anushka | 2263008058 | VASHISTHA | DHARIWAL | |
| 263008001 | AAKANSHA | | | 2263008043 | RAJEEV | SHARMA | |
| 263008061 | YASH | SABBARWAL | | | | | |
| 263008023 | KANEEZ | SAYYADA | | | | | |
| 263008033 | NIKKY | TYAGI | Nikky | | | | |
| 263008050 | SHIVA | BHATI | | | | | |



SCHOOL OF LIFE SCIENCE & TECHNOLOGY
DEPARTMENT OF BIOTECHNOLOGY
LIFE SCIENCE INNOVATION CHALLENGE

30th April, 2024

Attendance Sheet

BBT IInd Semester

| Roll No | First name | Last name | Signature | Roll No | First name | Last name | Signature |
|------------|---------------|-----------|------------------|------------|------------|-----------|---------------|
| 2363008008 | Ayush | Pandey | <i>Ayush</i> | 2363008011 | Choudhary | Tanisha | |
| 2363008021 | Muhammad | MOIN | <i>Moin</i> | 2363008041 | Tushar | Tyagi | <i>Tyagi</i> |
| 2363008028 | Qurrat ul ain | . | | 2363008034 | saurov | | |
| 2363008006 | Anjali | Pegwal | | 2363008018 | KITTU | KAUSHIK | <i>Kittu</i> |
| 2363008015 | vishaka | SHARMA | | 2363008003 | Adnan | Ansari | |
| 2363008023 | Natali | . | | 2363008013 | Divyam | Dibakar | <i>Divyam</i> |
| 2363008031 | Rashika | khan | | 2363008017 | KHUSHAHALI | GUPTA | |
| 2363008012 | DISHA | AHUJA | | 2363008035 | Shubham | Yadav | |
| 2363008030 | RAMSHA | IQBAL | | 2363008014 | JYOTI | HANSDAH | |
| 2363008005 | AMIT | . | | 2363008036 | Sonam | | |
| 2363008043 | Tushar | Kumar | | 2363008029 | Radhika | Choudhary | |
| 2363008024 | Pakhi | poswal | | 2363008042 | Tushar | Soam | |
| 2363008007 | Aryan | Kumar | <i>Aryan</i> | 2363008004 | Akanksha | sharma | |
| 2363008009 | Azka | Khan | | 2363008002 | Aditya | Tyagi | <i>Tyagi</i> |
| 2363008015 | Karan | Sharma | | 2363008025 | Piyush | singh | <i>Piyush</i> |
| 2363008019 | Md. Zainul | . | | 2363008037 | Suryansh | Dev | |
| 2363008016 | Kashish | Chauhan | <i>Kashish</i> | 2363008033 | sara | rizvi | |
| 2363008040 | Taufique | . | | 2363008026 | Prachi | Sinha | |
| 2363008020 | Megha | Verma | | 2363008022 | Muhammad | Adnan | |
| 2363008044 | ujjwal | tiwari | <i>Ujjwal</i> | | | | |
| 2363008032 | RUPAL | CHAUHAN | <i>Rupal</i> | | | | |
| 2363008039 | TANUPRIYA | Chauhan | <i>Tanupriya</i> | | | | |
| 2363008010 | Chanchal | . | <i>Chanchal</i> | | | | |
| 2363008038 | TANIYA | sharma | <i>Tanya</i> | | | | |
| 2363008001 | Aaryan | . | | | | | |
| 2363008027 | Puja | kumari | | | | | |
| 2363008046 | Yashi | Raghav | <i>Yashi</i> | | | | |

M. SC. I year



| Roll No. | Signature | Class |
|------------|-----------------------|---------------------|
| 21232089 | <i>Shubha Dwivedi</i> | Msc 1 st |
| 21223603 | <i>Shubha Dwivedi</i> | Msc 1 st |
| 21220800 | <i>Shubha Dwivedi</i> | Msc 2 nd |
| 2263003002 | <i>Ananya Sharma</i> | Msc 2 nd |

CBZ

| Students Name | Roll. No. | Signature |
|---------------|-----------|---------------------|
| Shikha Malla | 21230202 | <i>Shikha Malla</i> |
| Shikha Verma | 21232273 | <i>Shikha Verma</i> |

Resource person (Outside, if)

As Judge (1)

Dr. Shubha Dwivedi

Head

Department of Biotechnology

School of Life Science and Technology

IIMT University