

Manipal University Jaipur as Catalysts for Good Water Management Education

Water is a precious resource essential for all life on Earth, and ensuring its responsible management is a pressing global concern. Manipal University Jaipur is stepping forward as champions of good water management, providing vital educational opportunities to local communities. Water is a finite resource, and its availability and quality are crucial for the well-being of communities and ecosystems. Challenges such as water scarcity, pollution, and climate change underscore the need for efficient and responsible water management. Manipal University Jaipur recognizes that education is a potent tool in addressing these challenges and has thus embarked on efforts to inform and engage local communities.

Manipal University Jaipur organizes workshops and training sessions to educate local community members about various aspects of water management. These may cover topics like water conservation, purification, and wastewater treatment. Public lectures and seminars, often featuring experts in the field, are accessible forums where communities can learn about the importance of water management and its impact on local and global scales. Manipal University Jaipur frequently engages in collaborative research projects with local communities to address specific water management challenges. This hands-on approach not only solves real-world problems but also educates participants about sustainable solutions. With the digital age, Manipal University Jaipur has expanded their outreach through online resources. Webinars, e-courses, and educational platforms provide accessible avenues for individuals to learn about water management at their own pace. Students often play a significant role in university-led initiatives. They participate in outreach programs, volunteer efforts, and community-based projects that promote good water management practices (Annexure 1, 2 & 3).

Knowledge empowers individuals and communities to make informed decisions about water usage, conservation, and pollution prevention. Awareness of sustainable water management practices helps communities reduce waste, save money, and protect their local environment. Education equips communities to better respond to water-related crises, such as droughts or flooding, by implementing proactive measures and adaptation strategies. Informed communities are more likely to advocate for effective policies and practices related to water management at local and regional levels. By learning about clean water practices, communities can enhance public health and well-being by reducing waterborne diseases.

The impact of Manipal University Jaipur' educational efforts on water management extends far beyond the classroom. Empowered communities are more likely to adopt water-saving technologies, implement sustainable practices, and actively participate in water-related decision-making processes. This results in reduced water wastage, improved water quality, and enhanced resilience against water-related challenges, contributing to a more sustainable future.



**MANIPAL UNIVERSITY
JAIPUR**



**MANIPAL UNIVERSITY
JAIPUR**

FACULTY OF SCIENCE

SCHOOL OF BASIC SCIENCES

DEPARTMENT OF PHYSICS

NAME OF EVENT: Innovative Project Ideas by Young Minds

Date of Event (24/02/2022)



Content of Report

1. Introduction of the Event
2. Objective of the Event
3. Beneficiaries of the Event
4. Details of the Guests
5. Brief Description of the event
6. Photographs
7. Brochure or creative of the event
8. Schedule of the Event
9. Attendance of the Event



1. Introduction of the Event

Innovative Project Ideas by Young Minds: National Science Day 2022

2. Objective of the Event

The National Science Day themed upon 'Integrated Approach in S & T for Sustainable Future' to commemorate the Nobel Prize winning discovery 'Raman Effect' by Sir C V Raman, was celebrated online at Manipal University Jaipur (MUJ) on February 28, 2022. As an integral part of the event, the project ideas were invited on the theme of the national science day by school students. The main objective of the event was to inculcate the idea of creative thinking in younger students in the areas of science and technology.

3. Beneficiaries of the Event

School Students

4. Details of the Guests

Prof. Ashutosh Sharma

Former Secretary, Govt. of India, Department of Science and Technology, Institute Chair
Professor IIT Kanpur

5. Brief Description of the event

The National Science Day themed upon 'Integrated Approach in S & T for Sustainable Future' to commemorate the Nobel Prize winning discovery 'Raman Effect' by Sir C V Raman, was celebrated online at Manipal University Jaipur (MUJ) on February 28, 2022. The program began with Saraswati Vandana. Prof. Lalita Ledwani, Dean, Faculty of Science, welcomed all the guests and attendees. Registrar, Dr. Nitu Bhatnagar threw light upon the excellence being created by the Manipal University Jaipur. Pro-President, Prof. N. N. Sharma shared his views on importance of science. Prof G. K. Prabhu, President said that apart from celebration, we must put all efforts to attract younger minds to the field of science. Government is putting lots of interest in basic sciences and Manipal University Jaipur is also putting tremendous efforts to the same cause. The chief guest of the function Prof. Ashutosh Sharma Former Secretary, Govt. of India, Department of Science and Technology, Institute Chair Professor IITK Coordinator, DST Unit on Nanoscience & Center for Environmental Science and Engineering began his talk by giving some of the notable achievements of Indian scientists like C V Rama, J. C. Bose and Meghnad Saha etc. All of them concisely focused on generation of new knowledge and its dissemination to the society. Talking about the theme of the national science day, Prof. Sharma emphasized upon use of lateral thinking, creativity and common sense in solving problems. He gave the examples of discovery of graphene and atomic force microscopy.



He also elaborated various areas of science and technology where India is lagging. He concluded his talk with saying 'Future is convergence' and science and technology is essentially required for the future growth.

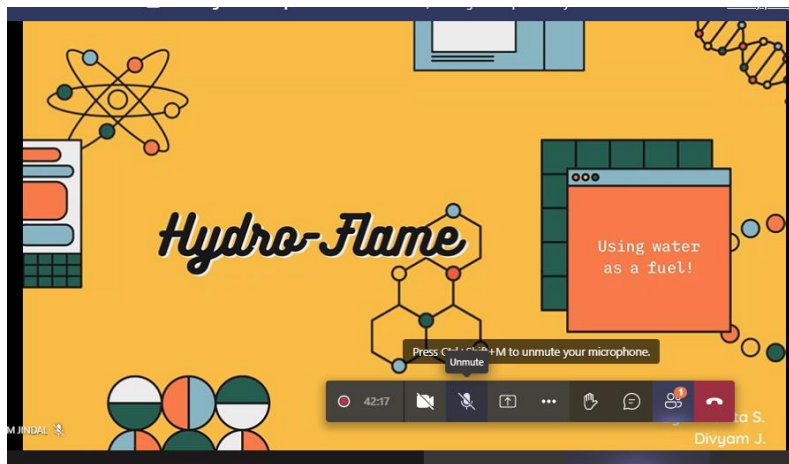
To celebrate this great event in more jovial way, various competitions like e-poster, online science quizzes and innovative project ideas by young minds etc. were also conducted for students of different schools and winners were felicitated during the event. Dr. Ashim Bagaria, the convener of the program told the more than 350 participants registered for various activities from across the country. Vote of thanks was presented by Dr. Devershi Pallavi Bhatt, second convener of National Science Day program.



Photographs of the event or screenshots of the event (if online) with captions



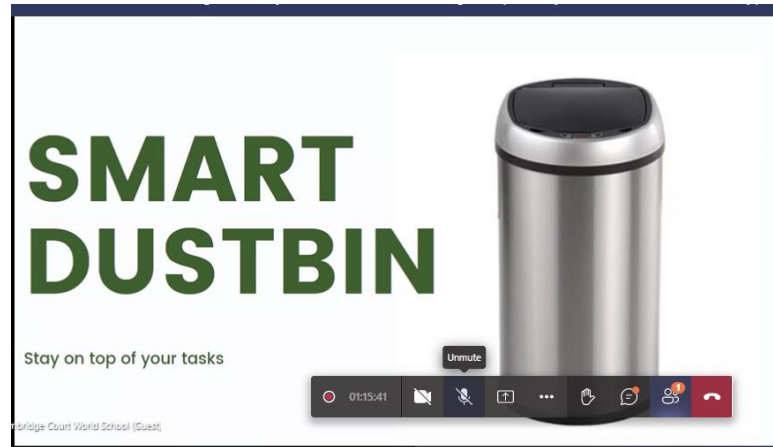
National Science Day celebration



Project Idea Presentation by the students



Project Idea Presentation by the students



Project Idea Presentation by the students

6. Brochure or creative of the event



A brochure for National Science Day 2022. At the top, it features the logos of Manipal University Jaipur, MUJ, and the School of Basic Sciences Faculty of Science. The main text reads: 'School of Basic Sciences Faculty of Science Invites you for NATIONAL SCIENCE DAY 2022 Theme: Integrated Approach in S&T for Sustainable Future Virtual celebration on FEBRUARY 28, 2022 9:30 AM - 11:30 AM'. A portrait of Prof. Ashutosh Sharma is shown with his title 'Chief Guest' and affiliation: 'Institute Chair Professor IITK, Coordinator DST Unit on Nanoscience & Center for Environmental Science and Engineering'. A registration link is provided: <https://docs.google.com/forms/d/1r1FAIpQLSdQ41w-6P-aK806s4471PhqK0DPzRSLYzd4EApEM1gtrEgo3Q/viewform>. The activities are listed for February 24, 2022 (Innovative Project Ideas by Young Minds, E-Poster Competition) and February 25, 2022 (Online Quiz Competition). Registration is open, and the last date of entry submission is February 23, 2022. The brochure is sponsored by the Bureau of Indian Standards and offers attractive prizes. A background image of a building is visible at the bottom right.



7. Schedule of the event

| Innovative Project Ideas by Young Minds February 24, 2022 | |
|--|-------------------------------|
| Time | Speaker/event |
| 2:30 pm to 2:35 pm | Introduction to the event |
| 2:35 pm to 5:30 pm | Presentation of project ideas |

8. Attendance of the Event

Total attendee-78.

| S. No. | Name | School/college | Class |
|--------|-----------------|-------------------------------------|------------|
| 1. | Shradul Kaushik | Bal Bharati Public School | IX |
| 2. | Aarth Singal | Bal Bharati Public School Pitampura | VIII (8) |
| 3. | Prerit Roshan | Bal Bharati public school pitampura | IX |
| 4. | Saksham Garg | Bal Bharati Public School Pitampura | IX (9) |



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|-----|----------------------|---|-----------------|
| 5. | Soham Gupta | Bal Bharati Public School Pitampura | IX |
| 6. | Vanshika Kataria | Veda Vyasa DAV Public School | IX |
| 7. | NIHARIKA BISHT | Veda Vyasa D.A.V. Public School, Vikaspuri, New Delhi | X |
| 8. | Abdul Baasith | Clarence High school | XI |
| 9. | Anandita Singh | Veda Vyasa D.A.V Public School | 7ty |
| 10. | Parnika Agarwal | Bombay Scottish School | X |
| 11. | Unnati Mehta | Veda Vyasa DAV Public School | VII |
| 12. | UDIT BHATT | DEHLI PUBLIC SCHOOL GANDHINAGAR | 3 |
| 13. | Umme Salma M | St. Paul's English School | IX, X, XI & XII |
| 14. | Arjav Jain | Bal Bharati Public School Pitampura | X |
| 15. | Sanvi Chopra | Bal Bharati Public School Pitampura Delhi | IX |
| 16. | Shriman Singh | Balbharati public school pitampura rohini | VII |
| 17. | Harnoor Singh Bindra | VV DAV Public School | X-F (10th - F) |
| 18. | Armaan wadhera | Bal bharati public school pitampura | X |
| 19. | Roshni Ramaratnam | Bombay Scottish School, Powai | IX |
| 20. | Sonia saini | School | 7th |
| 21. | Siddhi Gupta | V.V D.A.V. Public School | VII |
| 22. | Suthir R | CS Academy | VI |
| 23. | Anushree Trivedi | Delhi public school jagdalpur | 8 |
| 24. | Anshika Trivedi | Delhi public school jagdalpur | 3 |
| 25. | Uday Mudgal | MAPSAV | V |
| 26. | ABHAY MUDGAL | MAHARAJA AGARSAIN PUBLIC SCHOOL | V |
| 27. | Sanvi Chopra | Bal Bharati Public School Pitampura Delhi | IX |
| 28. | Kanishak | VVDAV PUBLIC SCHOOL VIKASPURI DELHI | VII |



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| 29. | Kanishka | VVDAV PUBLIC SCHOOL VIKASPURI DELHI | VII |
| 30. | BRINNA PANCY B | CLARENCE HIGH SCHOOL | 8C |
| 31. | Thanesha Mehra | Bal Bharati Public School | XI -C |
| 32. | Aaditya jindal | Bal bharti public school pitampura | X |
| 33. | Samarth Kambiri | Bal bharti public school | VI |
| 34. | H | H | X |
| 35. | Sparsh Kumar | Sunbeam School Sultanpur | IX |
| 36. | Diya Shastri | Delhi Public school, Gandhinagar | III |
| 37. | Adwait Oaj | Delhi Public School Patna | VIII |
| 38. | Khushi Agnihotri | VED VYAS DAV PUBLIC SCHOOL | VII |
| 39. | Malhar Nareshbhai Barad | Delhi public school gandhinagar | 3H |
| 40. | Atraiu Sinha | Bombay Scottish School , Powai . | X |
| 41. | Chahat | Ved Vyas DAV public school | VII |
| 42. | Suryanshi Garg | Veda Vyasa D.A.V. Public School,Vikaspuri | 7th |
| 43. | Earthian Prithviwasi | Veda Vyasa DAV Public School | Xth |
| 44. | Prabir Kishan | Delhi Public School, Patna | VI |
| 45. | AARNA GAJJAR | DPS GANDHINAGAR | IV |
| 46. | Vraj Thakur | DPS Gandhinagar | 2 |
| 47. | Swetha S | DAV GIRLS SENIOR SECONDARY SCHOOL | VIII |
| 48. | Dhikkshita S | DAV Girls Senior Secondary School, Gopalapuram | VIII |
| 49. | Rab kumar | Maharaja agarsain public school | V |
| 50. | Krishiv Uniyal | Bal Bharati Public School, Rohini | 7 |
| 51. | V. AISHWARYAA THANGAM | D.A.V GIRLS SENIOR SECONDARY SCHOOL GOPALAPURAPURAM | VIII |
| 52. | Joshini.p.b | DAV girls senior secondary school gopalapuram | VII |



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|-----|-----------------------|---|--|
| 53. | Aarth Singal | Bal Bharati Public School Pitampura | VIII |
| 54. | D.Sri Vaineeeki | D.A.V Girls Senior secondary school | 7 |
| 55. | Dinakar Muthyala | Manipal University Jaipur | UG-2nd |
| 56. | Arnav Jain | Manipal University Jaipur | 3rd Year, B.Tech |
| 57. | Saira Chaudhary | Bal Bharati Public School | X |
| 58. | Ayush Prajapati | Manipal University Jaipur | BTech 2nd Year Computer and Communication Engg. |
| 59. | Avantika.A | DAV Girls Senior Secondary School | VII |
| 60. | Shriyanshi Srivastava | Manipal University Jaipur | 1st year B.Tech CSE |
| 61. | Sourabh Kumar | Manipal University Jaipur | Btech Ist Year |
| 62. | Nikshit Goyal | Ajit Karam Singh International Public School, Sector 41, Chandigarh | IX |
| 63. | Harnoor Singh Bindra | VV DAV Public School | X |
| 64. | T.ABIRAMI | D.A.V Girls Senior Secondary School | VIII |
| 65. | Divyam Jindal | Mayoor School Noida | X |
| 66. | Akshita Srivastava | Mayoor School Noida | X |
| 67. | K Srimayi | D.A.V. Girls Senior Secondary School | VIII |
| 68. | VEVAN DUA | Maharaja agrasain public school | V |
| 69. | PARTH SAXENA | INDRAPRASTHA INTERNATIONAL SCHOOL ,DWARKA | XI |
| 70. | Pawanpreet Singh | Caledonian International School | XI(11) |
| 71. | Daksh Negi | Cambridge Court World School | XI |
| 72. | Rashi Rajak | Delhi Public school Jagdalpur | 12 |
| 73. | Shivani Govindhan | D.A.V Girls Senior Secondary School | VIII |
| 74. | Kamali kannan | CS Academy | vi |
| 75. | Adeetya Kakkarr | Bal Bharati Public School, Rohini | IX |
| 76. | Inshirah Rizwan Khan | DAV Girls Senior Secondary School, Gopalapuram | VIII |



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|-----|------------------|---------------------------------|-----|
| 77. | Daksh Negi | Cambridge Court World School | XI |
| 78. | Bhawansh Pandita | Caledonian international school | VII |

Signature of HOD



DIRECTORATE OF STUDENT'S WELFARE

MANIPAL UNIVERSITY JAIPUR

DEPARTMENT OF BIOSCIENCES

ENVIRO CLUB PRESENTS

Health & Hygiene -A healthy woman makes a healthy society”

(LIVE WATER LAB TESTING)

**Type of Event (Conference/Seminar/Industry Lecture/ Capacity
Enhancement Session/ Alumni Lecture/etc.)**

Date of Event (11th March 2022)



Content of Report (index)

(Page number may not be required)

(Delete entries which are not applicable)

1. Introduction of the Event
2. Objective of the Event
3. Beneficiaries of the Event
4. Details of the Guests
5. Brief Description of the event
6. Geo-tagged Photographs
7. Brochure or creative of the event
8. Schedule of the Event
9. Attendance of the Event



1. Introduction of the Event

Enviro club in collaboration with Rotary club, Bapu Nagar Jaipur conducted an event with the aim of spreading awareness about drinking water and its measures to test if its fit for drinking purpose or not. This awareness was created among 10th and 12th students of Govt. Senior Secondary School, Begas on 11th March 2022 at 10:00 AM to 12:00 PM.

2. Objective of the Event (bullet points or about 50 words)

- To spread awareness about various parameters of drinking water.
- To guide students on water testing procedures.
- To educate the girls about water and sanitation.

3. Beneficiaries of the Event (Student/Faculty/Community etc) (25 words)

- MUJ students
- 10TH AND 12TH students of Government senior secondary school, Begas
- School and MUJ faculty staff.

4. Details of the Guests (Chief Guests, speakers etc Designation, organization, contact details if any please give them in sr no)

- a. Dr. Neetu Bhatnagar (Registrar of MUJ)
- b. Dr. Monika Sogani (Sr. Associate Professor)

5. Brief Description of the event (about 200 words)

"A Healthy Woman Makes a Healthy Society" a key initiative and awareness program by India's lead private university #ManipalJaipur in collaboration with #RotaryClub Bapu Nagar Jaipur for more than 200 school girls and boys in near by rural School at Begas. The program was addressed by Chief guest of the function Dr Nitu Bhatnagar, Registrar #MUJ along with Guest of Honour President Rotary Club Bapu Nagar Sh N L Mathur Shb.

Excellent interactive sessions by our female faculty Dr Monika Sogani, Dr Meena Sharma and Dr Reena Poonia on water safety, safe sanitation and opportunities for women in sports.

Special Thanks to #Rotarian team Dr Sudheer Kallaa shb, R S Gupta Shb, Ms Meeta Mathur Mam, Raguhvir Bhandari sa and School Principal Ms Yadav.

6. Photographs

3 to 5 geotagged photographs of the event or screenshots of the event (if online) with captions

DEMONSTRATING THE INSIGHTS OF HEALTH AND HYGIENE



EDUCATING THE CHILD ABOUT WATER AND ITS CAUSES



EDUCATING THE CHILD ABOUT WATER AND ITS CAUSES



EDUCATING THE CHILD ABOUT WATER AND ITS CAUSES



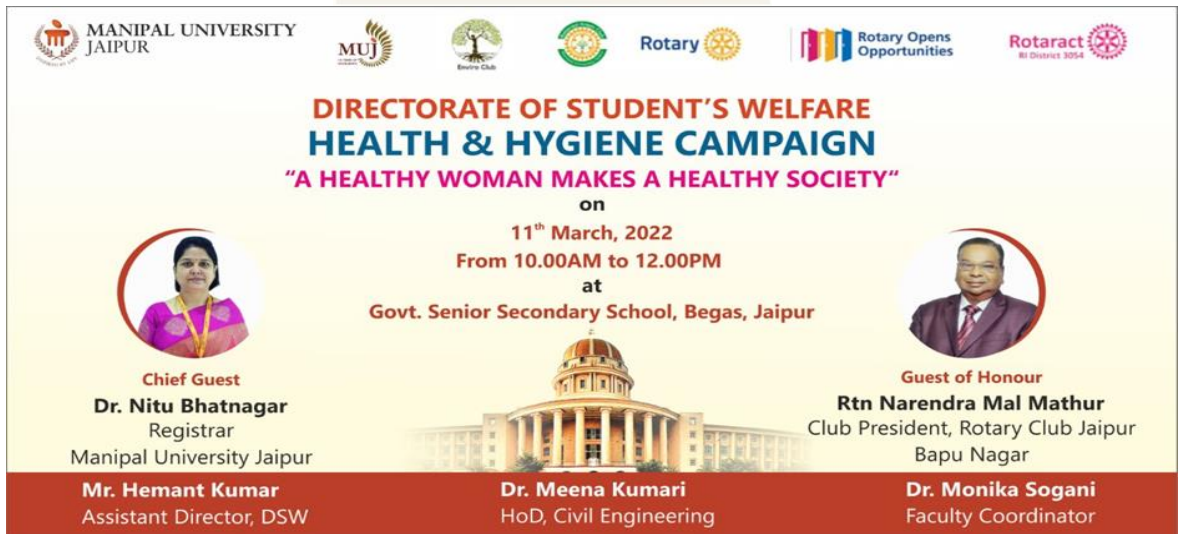
EDUCATING THE CHILD ABOUT WATER AND ITS CAUSES


7. Brochure or creative of the event



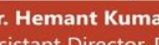




LIVE WATER LAB
जल ही जीवन है
MANIPAL UNIVERSITY JAIPUR
DIRECTORATE OF STUDENT'S WELFARE
(ENVIRO CLUB
/RGC CLUB)
In joint collaboration with
ROTARY CLUB, JAIPUR, BAPU NAGAR
(CLUB ID 73485, Rid 3054)
Organizes
DRINKING WATER TESTING
VENUE: Begas Government School
Time: 10:30 Am Date: 11th March, 2022
 Dr. Monika Sogani Sr. Associate Professor, Dept. of Biosciences, Faculty Coordinator, ENVIRO Club, MUJ
 Mr. Hemant kumar Assist. Professor, Dept. of Mechatronics Faculty Coordinator, RGC Club, MUJ





DIRECTORATE OF STUDENT'S WELFARE
HEALTH & HYGIENE CAMPAIGN
"A HEALTHY WOMAN MAKES A HEALTHY SOCIETY"
 on
11th March, 2022
From 10.00AM to 12.00PM
 at
Govt. Senior Secondary School, Begas, Jaipur

Chief Guest
Dr. Nitu Bhatnagar
 Registrar
 Manipal University Jaipur

Guest of Honour
Rtn Narendra Mal Mathur
 Club President, Rotary Club Jaipur
 Bapu Nagar


Mr. Hemant Kumar Assistant Director, DSW
Dr. Meena Kumari HoD, Civil Engineering
Dr. Monika Sogani Faculty Coordinator

8. Schedule of the event (insert in the report)

| Serial No. | Name of Students |
|------------|------------------|
| 1 | Aditi Agarwal |
| 2 | Sakshi |
| 3 | Aradhana |
| 4 | Manoj |
| 5 | Gilchrist |
| 6 | Supriya |
| 7 | Sanjana |
| 8 | Dhruv |
| 9 | Tarushi |
| 10 | Aanchal |
| 11 | Gaury |
| 12 | Gurmehar |
| 13 | Ishan |
| 14 | Mehak |



MANIPAL UNIVERSITY JAIPUR

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|----|---------|
| 15 | Om |
| 16 | Preeti |
| 17 | Revansh |
| 18 | Sahil |
| 19 | Sanskar |

The event took place offline on the 11th of March 2022

9. Attendance of the Event (insert in the document only)

Total attendee 19

Dr Abhijeet Singh

Dr. Monika Sogani

Seal and Signature of Head with date



Technology Demonstration & Training Centre Brief Report of TDTC Training

1. Title of the training: Women Empowerment: Safety, Health, and Hygiene
2. Convener: Dr. Meena Kumari Sharma
3. Place/Location of the training:

| S. No. | Location of Training | No. of Training |
|--------|----------------------|-----------------|
| 1. | Anooppura | 2 |
| 2. | Jhund | 2 |
| 3. | Dehmi Kalan | 1 |
| 4. | Narvaria | 1 |
| 5 | Laxmi Narayanpura | 1 |









Brief Report on Societal Training

1. **Title of the training:** Sanitation, Health and Hygiene
2. **Convener:** Dr. Meena Kumari Sharma
3. **Place/Location of the training:** Narvaria and Laxminarayanpura,

Photographs Traning 1: Narvaria Village







Training-2: Laxminarayanpura Village



Field Visit at Tillonia Village



महिलाओं ने जानी सैनिटेशन से जुड़ी जानकारियां



जयपुर ♦ मनिपाल यूनिवर्सिटी और विज्ञान एवं तकनीकी विभाग की ओर से बगरू स्थित ग्राम नरवरिया के राजकीय उच्च प्राथमिक विद्यालय में पांच दिवसीय प्रशिक्षण कार्यक्रम हुआ। सैनिटेशन, हैल्थ और हाइजीन विषय पर हुई कार्यशाला में महिलाओं को स्वास्थ्य और स्वच्छता

संबंधित जानकारियां दी। वर्कशॉप का संचालन मनिपाल यूनिवर्सिटी के सिविल इंजीनियरिंग विभाग की एसोसिएट प्रोफेसर डॉ. मीना कुमारी शर्मा ने किया। इसके तहत महिलाओं को तिलोनिया स्थित बेयरफुट कॉलेज में स्वरोजगार संबंधित जानकारियां दी गईं।