



MUGBERIA GANGADHAR MAHAVIDYALAYA

P.O.—BHUPATINAGAR, Dist.—PURBA MEDINIPUR, PIN.—721425, WEST BENGAL, INDIA

NAAC Re-Accredited B+Level Govt. aided College

CPE (Under UGC XII Plan) & NCTE Approved Institutions

DBT Star College Scheme Award Recipient

E-mail : mugberia_college@rediffmail.com // www.mugberiangangadharmahavidyalaya.ac.in

Report on **National Webinar on Sustainable Waste** **Recycling Towards Better Livelihood**

Organized by
Department of Zoology

In collaboration with
Department of Chemistry and Research cell

Mugberia Gangadhar Mahavidyalaya
Under
DBT star college strengthening scheme, Govt. of India

Programme Supervised by: Dr.KousikKr.Mondal

Date: 31st July, 2020

Time: 3pm to 5pm

Platform: Zoom app streaming



Smita
30.07.20

Principal
Mugberia Gangadhar Mahavidyalaya

Departmental meeting held on 23.07.2020

Members present:

1. Kousik Kr.Mondal, HOD, SACT
2. Raju Majumdar, SACT
3. Sayantika Bera, SACT
4. Purnima Mandal, SACT
5. Dr,Soma Karmakar, Asst Professor
6. Dr.Bidhan Chandra Samanta, Associated Professor(Chemistry)

Decision taken in the meeting:

The meeting was held through online mode with Google meet app.

We are going to organize one day National Webinar. This webinar will help for participant to understand the waste to wealth mechanisms and understand the waste management strategies for better livelihood.

Raise Awareness: The webinar aims to raise awareness about the critical role of waste recycling in mitigating environmental challenges, conserving resources, and reducing the impact of waste on ecosystems.

Share Knowledge: Participants will have the opportunity to share their expertise, experiences, and research findings related to sustainable waste recycling practices. This knowledge exchange can lead to the development of innovative solutions and strategies.

Promote Best Practices: The webinar will highlight successful waste recycling initiatives and best practices from different regions. This will help participants understand effective methods for implementing recycling programs and systems.

Empower Communities: By focusing on the intersection of sustainable waste recycling and livelihood improvement, the webinar aims to empower communities with the knowledge and tools they need to establish recycling programs that not only benefit the environment but also create economic opportunities.

Address Challenges: Discussions during the webinar can identify challenges and barriers to sustainable waste recycling. By addressing these challenges collectively, participants can develop strategies to overcome them and promote more effective recycling systems.

Policy Insights: Policymakers will have the opportunity to gain insights into the latest research and trends in waste recycling. This can inform the development and enhancement of policies that support sustainable waste management practices and livelihood improvement.





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Date: 20/08/2020

Department of Zoology

Notice

We are delighted to announce a National Webinar on Sustainable Waste Recycling Towards Better Livelihood, organized by the Dept. of Zoology, Mugberia Gangadhar Mahavidyalaya. This virtual event aims to bring together experts, professionals, policymakers, researchers, and enthusiasts from across the country to discuss and explore innovative strategies for sustainable waste recycling and its positive impact on livelihoods on 31st July, 2020 at 3pm through virtual platform. The webinar aims to create awareness about the importance of sustainable waste recycling practices and their potential to create better livelihood opportunities for individuals and communities. We will emphasize the need to transition towards a circular economy to mitigate environmental challenges and promote inclusive growth. All the students of our Department are requested to join us in taking a step towards a greener, cleaner, and more sustainable future. Together, we can transform waste into opportunities!

Swapan Kumar Misra

Principal

Kousik Kumar Mondal

HOD





One Day National Webinar on

Sustainable Waste Recycling Towards Better Livelihood

Date : 31st July, 2020, 3- 5 PM



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Under
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strengthening
Scheme (Govt. Of India)



Chair Person
Dr. Swapan Kr. Misra
Principal,
Mugberia Gangadhar Mahavidyalaya

Eminent Speakers



Dr. Pritha Bhattacharjee
Asst. Prof. Department of
Environmental Science,
University of Calcutta



Prof. (Dr.) Prakash Kanti Das
Visiting Prof. Ramakrishna
Mission Vivekananda
Educational & Research
Institute, Narendrapur, WB



Jr. Convener
Kousik Kumar Mondal
Head, Dept. of Zoology
Mugberia Gangadhar Mahavidyalaya



Prof. Jagatpati Ta
Visiting Faculty,
Department of Life Science
and Biotechnology,
Jadavpur University



Mrs. Sujata Nandy
Founder, SN Greenovation
Services Lt.
Bangalore & Kolkata



Jr. Convener
Dr. Bidhan Ch. Samanta
Coordinator, Research Cell
Associate Professor & Head, Dept. of Chemistry
Mugberia Gangadhar Mahavidyalaya



SAMRAT SARKAR
Head of Marketing and Business
Development at West Bengal Waste
Management Limited (RAMKY REEL)

Them of webinar

Recycling is a key component of modern waste reduction and is the third component of the "Reduce, Reuse, and Recycle" waste hierarchy. So as a partner in the community, Waste management is a process through which we are committed to helping the communities to keep the environment clean through innovative recycling programmes that ensure well being community for next generation. However, the success of recycling depends on the active participation of every member of the community.

Subthemes:

Solid waste management, Biodegradable waste management, Waste management towards circular economy, Waste management and occupational health, Agriculture waste management, Medical waste management, Household waste management, Waste water management, Swachhta Action plan, Greenery concept for better environment, E-waste management

Invitation for full length paper: Abstract submission dead line (250 words)- July 29th, 2020,
Full paper submission dead line -August 31st, 2020 for publication in the book with ISBN No.
Send your abstract and full paper to kousik2141983@gmail.com

Registration: No registration fee,

For registration click on the link or copy the link and paste it in Google Chrome:

Last date of registration: 28th July, 2020 up to 5.00 pm

Platform: Zoom apps Streaming on YouTube Face book

How to join: Meeting link will be provided one day before the webinar through registered email or WhatsApp

WhatsApp Group Link: <https://chat.whatsapp.com/KdI2rvirHoEi59h5f17hs>

E-certificate will be issued after sending filled feedback form



National Webinar on Sustainable Waste Recycling Towards Better Livelihood

Organizing Committee

Parton: Sri Ardhendu Maity, M.La & President of college

President: Dr.Swapan Kumar Misra, Principal Mugberia Gangadhar Mahavidyalaya

Organizing Secretary: Mr. Kousik Kumar Mondal, Head , Dept. Of Zoology,

Mugberia Gangadhar Mahavidyalaya and

Dr. Bidhan Ch. Samanta, Head , Dept. Of Chemistry, and coordinator Research Cell, Mugberia Gangadhar Mahavidyalaya

Advisory Committee

- ❖ Dr. Prasenjit Ghosh, Associate professor and Head, Dept. Of History
- ❖ Dr.Kalipada Maity, Associate professor and Head, Dept. Of Mathametics
- ❖ Dr.Apurba Giri, Assistant professor and Head, Dept. Of Nutrition
- ❖ Sri Manas Khalua, Assistant professor and Head, Dept. Of Botany
- ❖ Dr. SomaKarmakar, Assistant professor, Dept. Of Zoology

Seminar allied committee

- ❖ Mr. Raju Majumdar, SACT , Dept.of Zoology
- ❖ Mrs. Purnima Mondal, SACT , Dept.of Zoology
- ❖ Ms. Tanushree De, SACT , Dept.of Botany
- ❖ Mr. Biswadyuti Bera , SACT , Dept.of Physiology
- ❖ Ms.Sujaya Mahapatra, SACT , Dept.of Physiology
- ❖ Ms.Pallabi Pradhan, Guest Teacher, Dept.of Zoology
- ❖ Soumen De, Lab Attendant, Dept. Of Zoology



Program Schedule

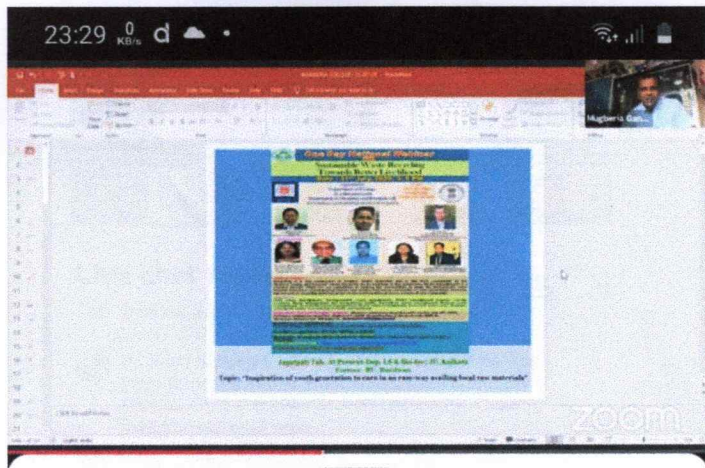
3:00 pm – 3:10 pm	Introductory Remarks by Kousik Kr.Mondal(Jt.Convener), Head, Dept of Zoolgy, Mugberia Gangadhar Mahavidyalaya
3:10 pm – 3:15 pm	Inaugural Address by Dr. Swapan Kumar Misra (Chair Person), Principal, Mugberia Gangadhar Mahavidyalaya
3:15 pm – 3:20 pm	Address by Dr. Bidhan Ch. Samanta (Jt. Convener), Associate Professor, Dept of Chemistry & Coordinator, Research cell, Mugberia Gangadhar Mahavidyalaya
3.20 pm – 4.20 pm	Technical session I (Coordinator: Dr. Bidhan Chandra Samanta, Coordinator, Research Cell Asso. Prof. & Head, Dept. of Chemistry, Mugberia G. Mahavidyalaya)
3:20 pm – 3:40 pm	Key note Speaker: Dr. Pritha Bhattacharjee Assistant Professor, Environmental Epigenomics Lab, Department of Environmental science, University of Calcutta Topic: Waste to Resources for a Sustainable Future
3:40 pm – 4:00 pm	Distinguished Speaker: Prof.(Dr.) Prakash Kanti Das Ex Professor Bidhan Chandra Krishi Viswavidyalaya and Visiting Prof., Ramakrisna Mission Vivekananda Educational & Research Institute , Narendrapur, WB Topic: Green Environment for sustainable livelihood in the context of post Ampan West Bengal
4:00 pm – 4:20 pm	Invited Speaker: Prof. Jagatpati Ta Ex Professor, Department of Botany, Burdwan University and Visiting Faculty, Department of Life Science and Biotechnology, Jadavpur University Topic: Inspiration of youth generation to earn in an easy way availing local raw materials.
4.20 pm-5.00 pm	Technical session II (Coordinator:Kousik Kumar Mondal, Head Dept. of Zoology, Mugberia G. Mahavidyalaya)
4:20 pm – 4:40 pm	Invited speaker Mrs. Sujata Nandy Founder, SN Greenovation Services Lt. Bangalore & Kolkata Topic: Waste management towards circular economy
4.40 pm-5.00 pm	Invited speaker Mr. Samrat Sarkar Head of Marketing and Business Development at West Bengal Waste Management Limited RAMKY(REEL) Topic: Integrated Waste Management
5.00 pm- 5.10 pm	Question-Answer session Coordinator: Kousik Kumar Mondal and Bidhan ch. Samanta
5:10 pm – 5.15 pm	Vote of Thanks by Dr.Soma Karmakar , Asst.Prof. Department of Zoology, Mugberia Gangadhar Mahavidyalaya



Principal, Mugberia Gangadhar Mahavidyalaya















Member present



Live chat replay

Top messages

-  Arnab Ojha good afternoon to all. myself Dr. ARNAB KANTI OJHA, ASSISTANT PROFESSOR in chemistry, MAHISHADAL GIRLS' COLLEGE.
-  Swapnadip Roy good afternoon one n all present here. its Swapnadip Roy here, dept of chemistry, bankura sammilani college,
-  Dr. Soumen Das Good afternoon to all. Myself Dr. Soumen Das, Assistant Professor, department of Commerce, Mugberia Gangadhar Mahavidyalaya, West Bengal
-  Sourav Bose good afternoon ...
-  Sourav Bose Sourav Bose, Egra SSB College...
-  Suryatapa De Dr Sutapa Saha. Good afternoon to all...
-  Susmita Sahoo Good afternoon all.... I am Susmita Sahoo, Bsc 2nd sem, Department of Nutrition (H), Bajkul Milani Mahavidyalaya (Vidyasagar University)
-  Rajsekhar Bhunia good afternoon all
-  Pritam Katham Good afternoon to everybody.
-  Anamika Garai good afternoon everyone
-  Biswajit Samanta MGM Good afternoon...
-  Anamika Garai I am Anamika Garai,department of

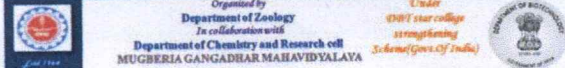



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Towards Better Livelihood
Date : 31st July, 2020, 3- 5 PM


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Under
 DST star college
 strengthening
 Scheme (govt. of India)

















 Dr. Priya Banerjee
 Assistant Professor
 Environmental Studies
 Rabindra Bharati University
 Kolkata
 Email: priya.bnrje@gmail.com


 Dr. Ananda Barui
 Assistant Professor
 Department of Zoology
 Bajkul Milani Mahavidyalaya


 Dr. Rajsekhar Bhunia
 Assistant Professor
 Department of Zoology
 Bajkul Milani Mahavidyalaya

Live chat replay

- Top messages
- 
 Dr. Priya Banerjee Good afternoon everyone. - Dr. Priya Banerjee, Assistant Professor, Environmental Studies, DDE, Rabindra Bharati University, Kolkata; priya.bnrje@gmail.com
 - 
 Phalguni Bhattacharyya yes man this is really true and you have well said.
 - 
 NANDADULAL MAITY good afternoon
 - 
 Achintya Kumar Samanta very informative session
 - 
 Rajsekhar Bhunia Good afternoon everyone. I am Rajsekhar Bhunia, department of Zoology,4th sem, Bajkul Milani Mahavidyalaya
 - 
 Ananda Barui Good afternoon to all.....
 - 
 JAGRITI MANDAL Good afternoon to all.....
 - 
 SUPRAVAT MAITI Good afternoon everyone
 - 
 Susmita Bera Good afternoon everyone
 - 
 Manas Khalua good afternoon
 - 
 Sadhan Chandra Pandit Dr.Sadhan Chandra Pandit , Narajole Raj College, Paschim Medinipur.ধন্যবাদ।
 - 
 ARPAN JANA good afternoon
 - 
 Munmun Chatterjee nice and informative lecture



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Chair Person
Dr. Suman K. Misra
Principal
Mugberia Gangadhar Mahavidyalaya



Jt. Convener
Kousik Kumar Mondal
Head, Dept. of Zoology
Mugberia Gangadhar Mahavidyalaya



Jt. Convener
Dr. Bidhan Ch. Samanta
Coordinator, Research Cell
Associate Professor & Head, Dept. of Chemistry
Mugberia Gangadhar Mahavidyalaya



Live chat replay

Top messages

- Phalguni Bhattacharyya positivity is the only way to overcome any hurdle.
- Pallabi Pradhan Thank you so much mam..
- Manoranjan Chakraborty Good afternoon. Dr. Manoranjan Chakraborty
- Josibul Haque thank you so much
- AMRITENDU MISRA good afternoon to all
- ramhari batabyal good afternoon everyone.... nice presentation and informative session.
- DILIP MAITY very informative session
- Aparajita Mukherjee Very enriching session
- Swagata Bera Good afternoon myself Swagata Bera Department of Zoology (University of Calcutta)
- Swatilekha Ghosh very informative session
- Achintya Kumar Samanta very meaningful presentation
- Uttam Kumar Kanp very informative lecture.
- Koushik Dey Very informative discussion
- Dr. Priya Banerjee Thank you organizers and speakers for wonderfully informative sessions. - Dr. Priya Banerjee



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Chair Person
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Principal
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J. Convener
Koushik Kumar Mandal
Head, Dept. of Zoology
Mugberia Gangadhar Mahavidyalaya



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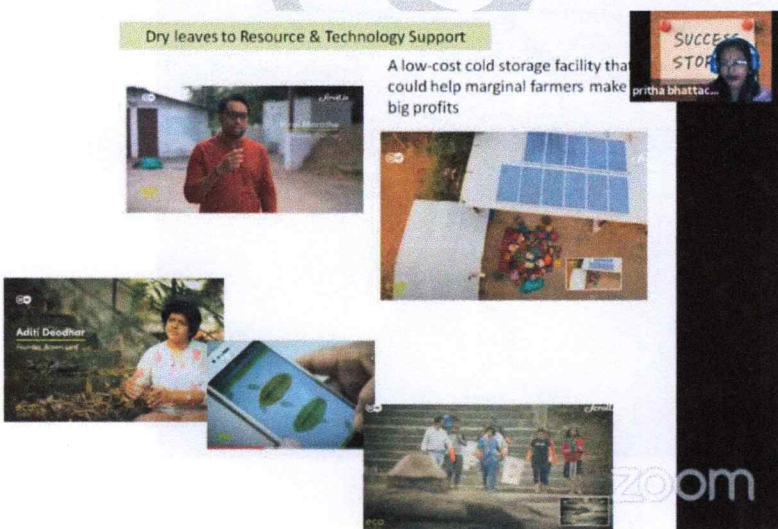
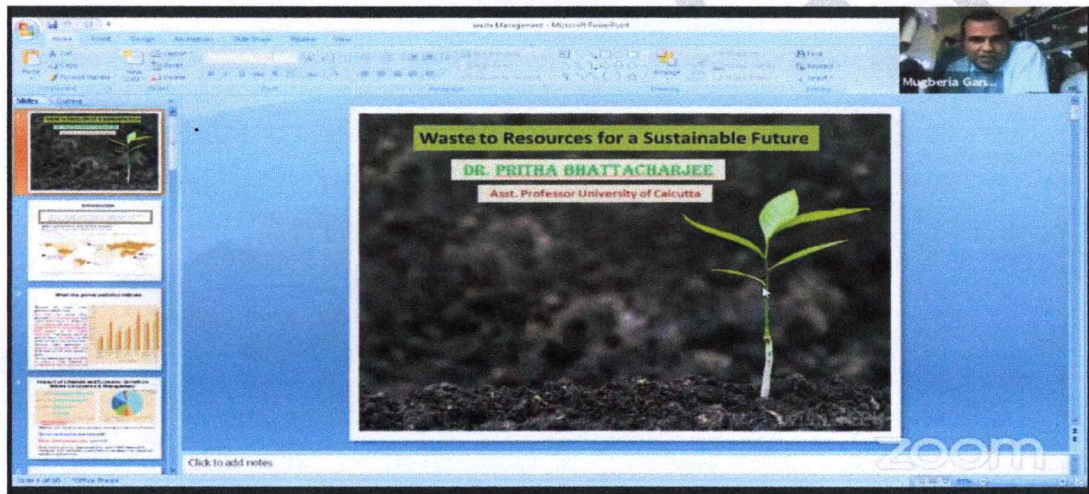
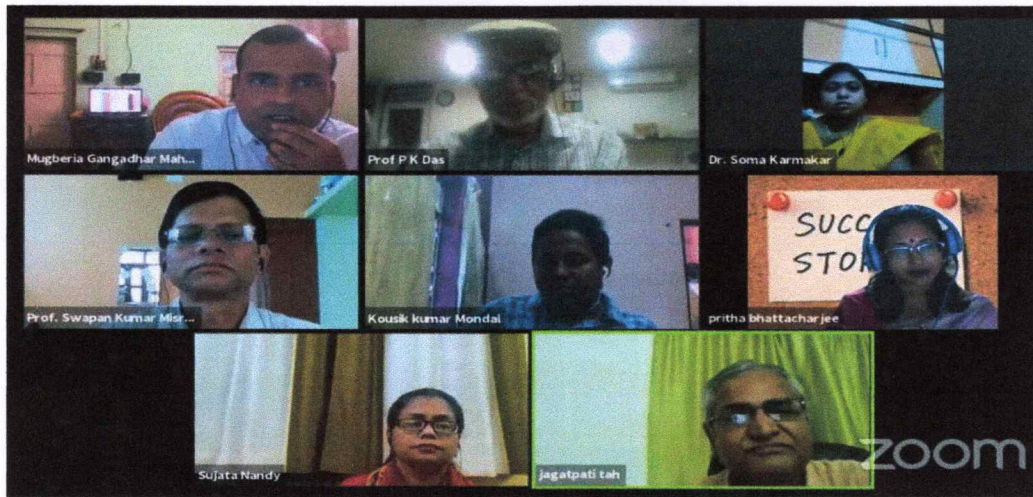
Live chat replay

Top messages

- Reshmi Roy very informative discussion
- Dr. Priya Banerjee Thank you organizers and speakers for wonderfully informative sessions. - Dr. Priya Banerjee
- Phalguni Bhattacharyya wonderfully informative session.
- Maniklal Pati very effective and informative discussion
- PINTU ROY CHOUDHURY Nice speech.....
- A Achintya Kumar Samanta very informative session
- A Atanu Nanda Good afternoon
- SUPRAVAT MAITI very informative session
- Arnab Ojha nice sessions.
- Dr. Debasish Ray Informative and scholastic presentation
- P Pallabi Pradhan Thank you so much sir for your valuable lecture.
- Ananya Biswas so nice session
- A AMRITENDU MISRA it's a very informative, interesting and moreover your point regarding sustainability,
- P Pritha Bhattacharjee Thank you organizers. if participants have any questions from my talk, I will be happy to answer here



Glimpses of Webinar



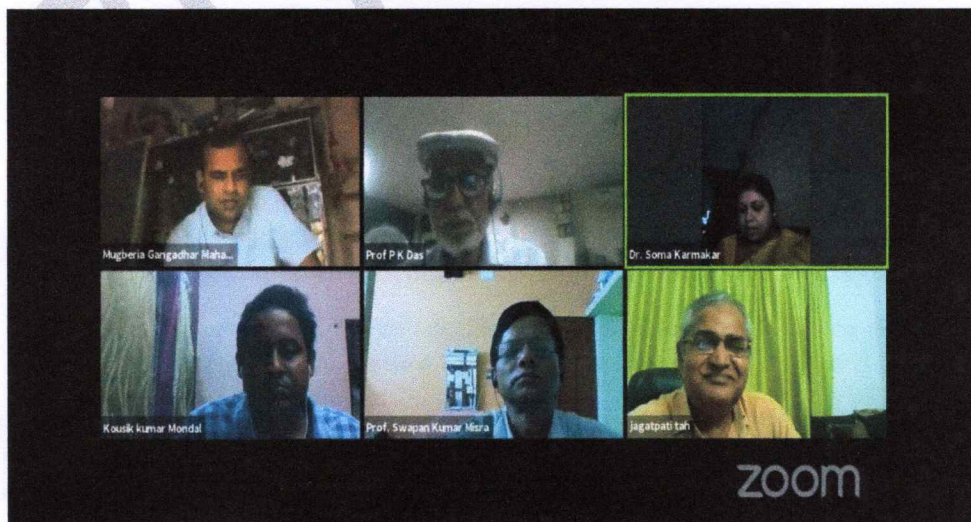


Green Environment for Sustainable Livelihood in The Context of Post-Amphan, West Bengal

Prof. (Dr.) Prakash Kanti Das

Visiting Prof., Ramakrishna mission Vivekananda Educational & Research Institute, Narendrapur, West Bengal

zoom



OUTCOME OF THE WEBINER:

The outcome of sustainable waste recycling towards better livelihood can be significant and positive, impacting various aspects of society, the environment, and the economy. Here are some potential outcomes:

1. **Environmental Benefits:** Sustainable waste recycling reduces the amount of waste sent to landfills and incinerators, thereby lowering greenhouse gas emissions and mitigating climate change. Recycling also conserves natural resources, as it reduces the need for raw materials and energy in the production of new goods.
2. **Improved Livelihoods:** Recycling initiatives can create employment opportunities in the waste management and recycling industries. It can lead to the establishment of small businesses and cooperatives involved in collection, sorting, and processing of recyclable materials, providing livelihoods for many individuals, especially in developing countries.
3. **Reduction of Health Hazards:** Improper waste disposal can lead to health hazards, such as pollution and the spread of diseases. Sustainable waste recycling can help reduce these health risks, making communities safer and healthier.
4. **Economic Benefits:** Recycling can lead to cost savings for businesses and municipalities by reducing waste disposal fees and the need for landfill expansion. Additionally, recycling can generate revenue through the sale of recyclable materials, creating economic opportunities.
5. **Community Empowerment:** Recycling initiatives can foster a sense of community ownership and responsibility. When people actively participate in recycling programs, they develop a greater sense of pride in their neighbourhoods and contribute to a cleaner and more sustainable environment.
6. **Resource Conservation:** By recycling materials like paper, plastic, glass, and metal, valuable resources are conserved, reducing the need for raw material extraction and energy-intensive production processes. This contributes to a more sustainable and circular economy.
7. **Education and Awareness:** Sustainable waste recycling initiatives often involve public education and awareness campaigns. These efforts can lead to behavioural changes, promoting responsible waste management practices at the individual and household levels.
8. **Reduced Landfill Waste:** Sustainable waste recycling helps divert significant amounts of waste from landfills, which extends their lifespan and reduces the need for new landfill sites. This protects land and natural habitats from being used for waste disposal.
9. **Climate Change Mitigation:** As recycling reduces the demand for virgin materials, it also reduces the associated greenhouse gas emissions from extraction, transportation, and manufacturing processes. This, in turn, contributes to climate change mitigation efforts.
10. **Sustainable Development:** The adoption of sustainable waste recycling practices aligns with the principles of sustainable development, promoting social, economic, and environmental well-being for present and future generations.

In conclusion, sustainable waste recycling can have a transformative impact on communities and societies by promoting environmental stewardship, creating economic opportunities, improving public health, and fostering a more sustainable way of living. Governments, businesses, and individuals all play a crucial role in advancing waste recycling initiatives to achieve these positive outcomes.



ABSTRACT PUBLICATION:

One day National webinar

On

**“Sustainable Waste Recycling
Towards Better Livelihood”**



31st July, 2020

ABSTRACT



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