Maulana Azad National Institute of Technology, Bhopal

Diamond Jubilee Year Celebrations

Date: 04-10-2019

REPORT

One Week Workshop on

ENVIRONMENTAL MANAGEMENT STRATEGIES

Organized by MANIT, Bhopal Under TEQIP-III, NPIU, MHRD, Govt. of India

Held during 30th Sept. to 04th Oct 2019, Venue: Energy Centre, Conference Hall

Ref: *GoI.D.O. No.33-1/2019-TS-iii -letter from NPIU, MHRD,TEQIP-III dated 18.09.2019- Plastic Free Campaign, Swachhta hee Seva -2019- during 11th Sep. to 27th Oct.*

As per the above referred directives from MHRD, One Week Workshop had been organized **under TEQIP-III** on theme "ENVIRONMENTAL MANAGEMENT STRATEGIES" with coverage of all the instructed activities from 30th Sept. to 04th Oct 2019 for our UG and PG students. The detailed session wise report has been presented as follows:

Inaugural Function was chaired by **Dr. J. L. Bhagoria,** Prof. Mech. Engg. & Dean (SW), co-chaired along with **Dr. R.K. Mandloi,** Prof. Mech. Engg. & I/c Student Activities where into 67 students participated enthusiastically. Session -1 was taken by **Dr. Prashant Baredar , Prof. & Head, Energy Centre on,** Plastic Waste Recycling Techniques where into a group discussion upon Urban v/s Rural environment issues were raised by the participants with full involvement and vigour. In Session 2 **Senior Scientist, Dr. R.K.Jaiswal** from **National Institute of Hydrology, Bhopal** presented interesting slides upon various Water Conservation Techniques.

Session 3 was scheduled to unleash the creativity of the participants for which a Poster Making and Slogan Competition was arranged by **Dr. Meena Agrawal, Asstt. Prof. Energy** on theme: ENVIRONMENT MANAGEMENT SOLUTIONS. Out of all beautiful posters depicting the environmental pollution and solutions 3 had been chosen for prize winners and 3 consolation prizes were decided for motivating the spirits of the participant students.

Session 4 was taken by **workshop coordinator Dr. H.L. Tiwari, Assoc. Prof. Civil Engg** focusing on Drinking Water and Jal Shakti Abhiyaan. Session 5 had been a full on activity by all the **workshop coordinators** where in a rally had been organized emphasizing, *Swachhta hee Seva* Labour "ShramDaan "

was carried at MANIT gate, in New Teaching Blocks, and in Slums of Rahul Nagar. Session 6 was Awareness Lectures **Dr. H.L. Tiwari on** Better Sanitation practices at Hostel no. 1

Session 7 and 8 again had been a rigorous renewable energy awareness activity steered by **workshop coordinator Dr. Meena Agrawal, Asstt. Prof. Energy** for Solar Energy Awareness. The participants volunteered in Gandhi Global Solar Yatra-GGSY a Solar Ambassador Workshop - SSA 2019, mega event of MANIT and IIT Mumbai for Solar PV supporting for future energy swaraj.

In Session 9 a lecture was given by **Dr. Meena Agrawal, Asstt. Prof. Energy** on Environmental Issues and Solutions, followed by that Session 10 was brain storming on theme PLASTIC WASTE FREE INDIA activity through project concept writing or essay writing. Again 3 best had been chosen for prize winners and 3 consolation prizes were decided further to keep the participant students' spirits high.

Session 11 was marked by brilliant presence of invited expert speaker **Dr. Jitendra Sinha, Associate Professor and Senior Scientist, I.G.K.V. Raipur who presented his research work on** Used Plastic Bags As Mulching Sheets for marginal farmers**.** Their institute also happens to be award recipient in Water Conservation Techniques as mentioned by him.

Session 12 went under the expertise of **Dr. R.K. Mandloi**, **Prof. Mech. Dept**. presenting Vehicular Environmental Pollution Abatement Methods in very interactive manner with a video too..

Valedictory function Guest of Honour had been **Dr. Jitendra Sinha, Associate Professor and Senior Scientist, I.G.K.V. Raipur and** was chaired by **Dr. J. L. Bhagoria,** Prof. Mech. Engg. & Dean (SW), co-chaired along with **Dr. R.K. Mandloi, Prof. Mech. Engg. & I/c Student Activities.**

Workshop coordinators presented the report briefing of the five days sessions and activities. Prizes trophies and consolation certificates were given to students to keep them motivated. With Prizes trophies and Certificate distribution ceremony the workshop ended up very creatively and fruitfully with special thanks to the TEQIP coordinator **Dr. Rajesh Gupta** and **Dr. N. S. Raghuwanshi,** Director MANIT.

The pictures of all the sessions and activities are attached herewith.

WORKSHOP COORDINATORS

Dr. H.L. Tiwari	**Dr. Meena Agrawal**	**Dr. Rajesh Gupta**
Assoc. Prof. Civil Engg.	**Asstt. Prof. Energy**	**Prof. Mech. Engg**

WORKSHOP Co-CHAIR

Dr. R.K. Mandloi

Prof. Mech. Engg. I/c S A

WORKSHOP CHAIRMAN

Dr. J. L. Bhagoria

Prof. Mech. Engg. and Dean (SW)



Inaugural Function was chaired by Dr. J. L. Bhagoria, Prof. Mech. Engg. & Dean (SW)








Organises
One Week Workshop
on
Environmental Management Strategies
30th Sept. - 04th Oct. 2019
Under


Environmental Management Strategies


Organises
One Week Workshop
on
Environmental Management Strate
30th Sept. 04th Oct. 2019
Under

Expert Lecture by Dr. R.K.Jaiswal, Senior Scientist, National Institute of Hydrology, Bhopal







Poster Making and Slogan Competition on theme:
ENVIRONMENT MANAGEMENT SOLUTIONS







Rally had been organized emphasizing, *Swachhta hee Seva*







Labour "ShramDaan "at MANIT gate,in New Teaching Block, in Slums of Rahul Nagar







ESSAY Competition activity- PLASTIC WASTE FREE INDIA







Expert Lecture by Dr. Jitendra Sinha, Associate Professor/Senior Scientist, I.G.K.V. Raipur







Prizes and Certificate distribution, Valedictory Function







भोपाल, रविवार, 06 अक्टूबर 2019 . II

मैनिट में 'पर्यावरण प्रबंधन के लिए रणनीति' पर कार्यशाला

एमएचआरडी के सहयोग से किया आयोजन



सिटी रिपोर्टर . भोपाल

मौलाना आजाद नेशनल इंस्टीट्यूट ऑफ टेक्नोलॉजी में एन्वॉयर्नमेंटल मैनेजमेंट स्ट्रैटेजीस विषय पर आयोजित पांच दिवसीय कार्यशाला का समापन हुआ। कार्यशाला का आयोजन मानव संसाधन विकास मंत्रालय के निर्देशानुसार स्वच्छता ही सेवा है थीम पर किया गया। कार्यशाला में विभिन्न संस्थानों से आए विषय विशेषज्ञों ने पर्यावरण पर विचार रखे। वर्कशॉप में विभिन्न प्रतियोगिताएं भी आयोजित की गईं। कार्यशाला के को-ऑर्डिनेटर प्रोफेसर डॉ. एचएल तिवारी, ऊर्जा केंद्र की प्रोफेसर डॉ. मीना अग्रवाल और मैकेनिकल इंजीनियरिंग डिपार्टमेंट के प्रोफेसर डॉ. राजेश गुप्ता रहे। वर्कशॉप में मैनिट के 67 स्टूडेंट्स ने पार्टिसपेट किया।

मैनिट में कार्यशाला का समापन

विद्यार्थियों को प्लास्टिक मल्चिंग और जल संचय की अत्याधुनिक तकनीकों की दी जानकारी

हरिभूमि न्यूज ▶▶ भोपाल

स्वच्छता ही सेवा है थीम पर मौलाना आजाद राष्ट्रीय प्रौद्योगिकी संस्थान (मैनिट) भोपाल के ऊर्जा केंद्र में पांच दिवसीय कार्यशाला का आयोजन किया गया। एनवायरमेंटल मैनेजमेंट स्ट्रैटेजिस विषय आधारित इस कार्यशाला के कोऑर्डिनेटर सिविल इंजीनियरिंग डिपार्टमेंट के प्रोफेसर डॉ. एचएल तिवारी, ऊर्जा केंद्र की प्रोफेसर डॉ. मीना अग्रवाल और मैकेनिकल इंजीनियरिंग डिपार्टमेंट के प्रोफेसर डॉ. राजेश गुप्ता रहे। इस वर्कशॉप में विभिन्न संस्थानों से आये विषय विशेषज्ञों ने प्रतिभागियों को पर्यावरण से संबंधित लेक्चर दिए। समापन सत्र में रायपुर एग्रीकल्चर विवि से आए हुए डॉ. जितेंद्र सिन्हा ने अपने प्लास्टिक मल्चिंग (खरपतवार नाशक तकनीक) के शोध कार्य के बारे में जानकारी दी।



इन्होंने निभाई अहम भूमिका

जल शक्ति अभियान के तहत नेशनल इंस्टीट्यूट ऑफ हाइड्रोलॉजी के सीनियर साइंटिस्ट डॉ. आरके जायसवाल ने प्रतिभागियों को जल संचय की अत्याधुनिक तकनीकों के बारे में बताया। पर्यावरण प्रबंधन, सुरक्षा एवं जागरूकता की इस कार्यशाला को सफल बनाने में मैनिट के सीनियर रिसर्च स्कॉलर एवं पर्यावरणविद् संजीव कुमार भूकेश एवं जनसेवी राजकुमार मालवीय ने अहम भूमिका निभाई। मैनिट के डीन (स्टूडेंट्स वेलफेयर) डॉ. जेएल भगोरिया की अध्यक्षता में कार्यशाला संपन्न हुई। कार्यशाला के को-चेयरमैन डॉ. आरके मंडलोई रहे।

पर्यावरण जागरुकता पर आधारित प्रतियोगिताएं भी आयोजित की गईं

पर्यावरण सुरक्षा एवं जागरूकता पर आधारित इस वर्कशॉप में विभिन्न प्रतियोगिताएं भी रखी गईं। मैनिट संस्थान के 67 छात्रों ने इस कार्यशाला में भाग लिया। पोस्टर एंड स्लोगन प्रतियोगिता में पर्यावरण सुरक्षा सॉल्यूशंस पर फोकस रहा। प्लास्टिक फ्री इंडिया थीम पर निबंध लेखन प्रतियोगिता का आयोजन भी कार्यशाला अंतर्गत किया गया। एनवायरमेंटल मैनेजमेंट स्ट्रैटेजिस की कार्यशाला के अंतर्गत एक साइलेंट रैली का भी आयोजन किया गया, जिसमें स्वच्छता ही सेवा है का संदेश दिया गया। कार्यशाला के छात्र समूहों ने राहुल नगर स्लम एरिया में जाकर स्वच्छता का संदेश दिया।

TheHitavada

Bhopal City Line | 2019-10-06 | Page- 2

Environment management workshop held at MANIT

■ Staff Reporter



Participants displaying their poster during the workshop.

WEEK-LONG workshop on environmental management strategies concluded at Maulana Azad National Institute of Technology (MANIT) on Saturday with detailed discussion on environmental related issues.

Students from under graduation, post graduation, PhD researchers of all disciplines from various institutions and young industry professionals participated the workshop.

The workshop was organised with aim to spread awareness with heartfelt sensitivity towards the environment. The programme provides an actual working platform for young minds having concern with the degrading environment.

Course content of the workshop included expert lecture, field activities and competition, awareness lectures on plastic waste recycling techniques, water conservation techniques, Jal Shakti Abhiyan, Pollution abatement methods, forest and biodiversity, drinking water issues and better sanitation practices. Competitions were held on Sharamdaan in nearby slum areas, poster making and slogan writing, project concept paragraph writing, easy competition on plastic waste free-India.

Subject experts said that environmental management is necessary for environmental planning which implies the optimal utilization of the earth's resources and preservation of the quality of environment for the healthy growth of society.

Different issues of environment were discussed by eminent personalities working in this field. During the workshop easy competition, poster making competition, etc activities were organised to understand the importance of environment in better way. Eminent professors and experts from reputed department of MANIT and other institutes like IIFM, NIH disseminated their knowledge.

Executives from Pollution Control Board, EPCO were also invited to share experience.

ONE WEEK WORKSHOP on

ENVIRONMENTAL MANAGEMENT STRATEGIES

Organized by MANIT, Bhopal Under TEQIP-III, NPIU, MHRD, Govt. of India

Venue: Energy Centre Conference Hall, MANIT, Bhopal

30th Sept. to 04th Oct 2019, PROGRAM SCHEDULE

Day	Time Slot		
	03:00 pm-04:30 pm	**04:30 pm - 05:00 pm**	**05:00 pm-06:30 pm**
30th Sep 2019 Mon	Inaugural Function & Reg. Session 1- Plastic Waste Recycling Techniques **Dr. Prashant Baredar** **Prof. & Head, Energy Centre**	Discussions Snacks & Tea	Session 2 Water Conservation Techniques **Dr. R.K.Jaiswal** **Senior Scientist, NIH** **National Institute of Hydrology**
1st Oct 2019 Tues	Session 3 Jal Shakti Abhiyaan **Dr. H.L. Tiwari** **Assoc. Prof. Civil Engg**	Ques. Ans Snacks & Tea	Session 4 - Poster Making and Slogan Competition on theme: ENVIRONMENT MANAGEMENT PLANS **Dr. Meena Agrawal** **Asstt. Prof. Energy**
2nd Oct 2019	**Session 5-6 -Activity** **08:30 am -01:30 pm**	01:30 pm Snacks - Tea	**Session 7-8 -Activity** **02:00 pm-07:00 pm**
Wed	Awareness Lectures **Dr. H.L. Tiwari ,** Drinking Water and Better Sanitation practices Labour "ShramDaan "in NTB / Slums of Rahul Nagar		Volunteering for Solar Energy Awareness in GGSY Solar Ambassador Workshop - SSA 2019 **Dr. Meena Agrawal** **Asstt. Prof. Energy**
3rd Oct 2019 Thus	Session 9- Environmental Issues Solutions **Dr. Meena Agrawal** **Asstt. Prof. Energy**	Ques. Ans Snacks & Tea	Session 10 - **Dr. Meena Agrawal** Project Concept Writing / Essay Competition on theme: **PLASTIC WASTE FREE – INDIA**
4th Oct 2019 Fri	Session 11 Used Plastic Bags As Mulching Sheets for marginal farmers **Dr. Jitendra Sinha NWA** **Associate Professor/Senior Scientist, I.G.K.V. Raipur**	Discussions Snacks & Tea	Session 12 Vehicular Pollution & Abatement Methods **Dr. R.K. Mandloi** **Prof. Mech. Dept** Workshop Conclusions Prizes and Certificate distribution Valedictory Function

Workshop Coordinators

Dr. H. L. Tiwari	**Dr. Meena Agrawal**	**Dr. Rajesh Gupta**
Contact No. 7869301978 Email: hltiwari@rediffmail.com	Contact No. 9425602012 Email: oshomeena@gmail.com	Prof. Mech. Engg. & I/c TEQIP rajeshgupta@manit.ac.in

Workshop Co-Chair

Dr. R.K. Mandloi, Prof. Mech. Engg. & I/c Student Activities, Email: mandloirk@manit.ac.in

Workshop Chairman

Dr. J. L. Bhagoria, Prof. Mech. Engg. & Dean (SW), Email: deansw@manit.ac.in

ONE WEEK WORKSHOP

on

ENVIRONMENTAL MANAGEMENT STRATEGIES

30th Sept. to 04th Oct 2019



Organised by

Maulana Azad National Institute of Technology, Bhopal

Diamond Jubilee Year Celebrations

Under

TEQIP-III, NPIU, MHRD, Govt. Of India

ORGANIZING COMMIITTEE

PATRON

Dr. N. S. Raghuwanshi

Director, MANIT, Bhopal

WORKSHOP CHAIRMAN

Dr. J. L. Bhagoria

Prof. Mech. Engg. and Dean (SW)

WORKSHOP Co-CHAIR

Dr. R.K. Mandloi

Prof. Mech. Engg. i/c Student Activities

WORKSHOP COORDINATORS

Dr. H.L. Tiwari	Dr. Meena Agrawal	Dr. Rajesh Gupta
Assoc. Prof. Civil Engg.	Asstt. Prof. Energy	Prof. Mech. Engg