

Activities of UBA

- 1) Energy Centre MANIT has developed portable biomass battery for rural lighting applications.
- 2) MANIT has adopted Manna and Bhikangaon village near Khandwa, M.P and supplied 500 Solar LED lanterns under One Child One Lamp program through IIT Bombay initiative.
- 3) MANIT has joined with NHPC to install a 50 MW world's Largest Floating Solar Power plant in the water bodies and reservoirs of West kallada gram panchayat, Kerala.
- 4) MANIT has developed domestic solar desalination techniques like double slope and conical solar stills for providing clean drinking water in Pathalkot village, M.P,India
- 5) Survey on water contamination in and nearby areas of Bhopal upper, lower lake, kerwa and Betwa river has been carried out and suitable treatment techniques using solar/biological and photo catalytic methods has been suggested

Future Plans

Designing sustainable (smart) villages

1. To provide electricity to every house hold of the adopted village by using solar, biogas, biomass and hybrid systems.
2. To provide suitable waste management model. Promotion of organic fertilizer in place of chemical fertilizer for cultivation of organic agriculture/farming.
3. Exploration, production & commercialization of locally available medicinal plants.
4. To enhance activities in the area of handicrafts made of bamboo and locally available material & finding suitable markets.
5. To develop & deploy rainwater harvesting technologies for collection of rainwater and ground water recharging.

About Unnat Bharat Abhiyan Cell, MANIT Bhopal

Unnat Bharat Abhiyan (UBA) is inspired by the vision of transformational change in rural development processes by leveraging knowledge institutions to help build the architecture of an inclusive India. The current policy context urges institutions of national importance to adopt villages and develop appropriate technologies. The aim is to create a virtuous cycle between society and an inclusive academic system by providing knowledge and practices for emerging professions and to upgrade the capabilities of both the public and the private sectors in responding to the development needs of rural India. UBA provides us a dream opportunity to channelize our energy with measurable outcomes.

- Work through the network of available units in the Institute and also try to collaborate with various stakeholders.
- More rural immersion and public engineering projects.
- Focus on Education, Energy, Health, Sustainable livelihoods and ICT with deliverable outcomes.
- Identification of villages throughout India
- Develop model, smart and sustainable villages and then scale it up throughout Madhya Pradesh and India

“Everyone at MANIT join the movement of UBA”



Unnat Bharat Abhiyan Cell (UBA)



Chairman: UBA Cell MANIT Bhopal
Dr. Appu Kuttan K.K.

Co-chairman : Dr. Saroj Rangnekar
Dr. A. Rehman

Coordinator: Dr.K.Sudhakar

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Background of SBA:

The concept of Swachh Bharat is to pave access for every Indian to:-

1. Cleanliness is the right of individual & Society
2. Safe and adequate act to save environment.
3. Right of good leaving life.

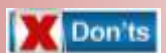
We have to achieve this by 2019 as a befitting tribute to “ **Father of the Nation Mahatma Gandhi on his 150th Birth Anniversary**”

The pursuit of cleanliness can be an economic activity, contributing to GDP growth, reduction in healthcare costs, and a source of employment."

Do's and Don'ts inside MANIT



1. Ensure Cleanliness of office premises, toilets, staircase etc
2. Dispose unusable furniture, equipment, vehicles etc
3. Weeding out of old files/records etc



1. Spitting of Pan and Gutka in office spaces and pathways
2. Avoid throwing and burning trash
3. Avoid usage of Plastic bottles and polythene etc

About Swachh Bharat Abhiyan Cell, MANIT Bhopal

The following are the activities of the cell

1. Awareness campaign through Wall Paintings, Banner displays, leaflets on Dos and Don'ts among all departments to ensure cleanliness all the time.
2. Regular disposal of Old furniture's, tables, equipments of various buildings.
3. Whitewashing and painting works of various building.
4. Pledge to avoid spitting gutkha and pan in office premises
5. Measures to avoid use of polythene bags in campus
6. Ensure availability of adequate dust bins to all departments for disposal of waste
7. To undertake basic sanitation and cleanliness of unused washroom and toilets through proper drains, solid and liquid waste disposal.
8. To inspect various department building to ensure cleanliness all the time.
9. To observe cleanliness day on Ist of every month by MANIT.
10. To spread the message of “Swachh Bharat Mission” to ensure improved work culture and environment.

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