

## About MNIT Jaipur

Malaviya National Institute of Technology Jaipur is one of the NITs established in Jaipur known as Pink City. Institute was established as a joint venture of the Government of India and the Government of Rajasthan in 1963. Subsequently; on June 26, 2002 the college has been given the status of National Institute of Technology and on 15 August 2007, Proclaimed Institute of National Importance through Act of Parliament. The Institute is fully funded by Ministry of Education (MOE), Government of India. MNIT campus spreads over 325 acres of lush green area in the central location of Jaipur city. At present the Institute offers undergraduate and post graduate courses (M.Tech./M.Sc./MBA & Ph.D.) to about 5000 students in almost all leading fields of engineering, technology, management and sciences. The Institute has renowned faculty and labs with state of the art equipment. The institute is actively engaged in research, consultancy and developmental activities besides imparting regular teaching.



## About the Course

Environmental Pollution is cost of economic growth via increased industrialization, urbanization, mechanization, use of fertilizer and pesticides in agriculture and mismanagement to dump human waste, especially in developing countries, where environmental laws usually are relatively less strict. Hence growth and pollution are positively linked in developing countries expectedly. Sustainable development may be defined as continuous increase in the socio-economic standard of living of a country's population, normally accomplished by improving the quality of its physical and human capital. The aim of this course is to bring together leading academicians, scientists, researchers and research scholars to share their experiences and research results about all aspects of Advances in Pollution Control Technologies and Sustainable Development. It also provides the premier interdisciplinary forum for researchers, practitioners and educators to discuss the most recent innovations, trends, and concerns, practical challenges encountered and the solutions adopted in the field of proposed course theme.

## Contents

- Overview of Advance Processes for wastewater treatment
- Fundamental of Sustainability and Development Safety
- Various aspects related to Environmental Engineering, Environmental Economics, Environment Impact Assessment and Environment Management
- Pollution Monitoring & Control
- Cleaner Production and Desalination
- New and Renewable Energy
- Elements of Green Technologies
- Water and Air Treatment by Advanced method

## Experts from

- IIT/NIT/Central Universities/EIL

## Target Participants

- Faculty members from any branch of Engineering, and Science.
- Research scholars pursuing PhD and PG students.
- Scientists/ Engineers/ Managers/ from Industry/ Govt/ R&D Organizations.
- Those who are involved in policy making from government or non-government organizations can also participate.

## About AICTE-ATAL

The objectives of AICTE Training and Learning (ATAL) Academy are: To set up an Academy which will plan and help in imparting quality technical education in the country and to support technical institutions in fostering research, innovation and entrepreneurship through training. To provide a variety of opportunities for training and exchange of experiences, such as workshops, short term courses, orientations, learning communities, peer mentoring and faculty development programmes. To support policy makers for incorporating training as per requirements.

***Certificate will be issued by AICTE  
Training and Learning (ATAL)  
Academy***

## Registration Guidelines

The course will be conducted online and there is no registration fee. Number of registrations is limited. Interested are encouraged to apply at the earliest possibility. Confirmation of participation is on first come first serve basis.

## How to Register?

❖ There are no registration charges to attend the program. i.e. it is **FREE** for selected participants.

❖ Interested participants can register using the following link:

<https://www.aicte-india.org/atal>

**Step 1:** Register yourself with email id (sign up). If you have already registered, then first login yourself.

**Step 2:** Click on Workshops.

**Step 3:** Select Short Term Course on **“Advances in Pollution Control Technologies and Sustainable Development”** (searching by state “Rajasthan” and Month “August” from above dropdown box).

**Step 4:** Click the plus sign button to register.

**Step 5:** You got a short notification “successfully course registered”.

**Step 6:** You can also check your registration by clicking on Applied Workshops (after done successfully registration).

## Address for Correspondence

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## Organizing Committee

### Chief Patron

Dr. R.K. Tyagi,  
Chairman, BoG, MNIT Jaipur

### Patron

Prof. Udaykumar R. Yaragatti  
Director, MNIT Jaipur

### Advisors

Prof R. K. Vyas (MNIT Jaipur)  
Prof. Kailash Singh (MNIT Jaipur)

### Coordinator

Dr. Vikas Kumar Sangal

### Conveners

Dr. Manish Vashishtha  
Dr. Sushant Upadhyaya  
Dr. Rajeev Agrawal  
Dr. Shiv Om Meena

### Probable Resource Persons

Prof. M Sillanpää (LUT Finland)  
Prof. Anurag Garg (IIT Bombay)  
Prof. V. C. Srivastava (IIT Roorkee)  
Prof. Raju Gupta (IIT Kanpur)  
Dr. M. V. Reddy (CETEES, Canada)  
Prof. Ajay Bansal (NIT Jalandhar)  
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Dr. Vikas Kumar Sangal (MNIT Jaipur)  
Dr. Anoop Verma (TIET Patiala)  
Dr. Sushant Upadhyaya (MNIT Jaipur)  
Dr. Rajeev Agrawal (MNIT Jaipur)  
Dr. Saurabh Agarwal (EIL Gurgaon)  
Dr. Arvind Kumar (NIT Rourkela)

## Five Days AICTE Training and Learning (ATAL)

### Short Term Course

On

## **“Advances in Pollution Control Technologies and Sustainable Development”**

(August 02<sup>nd</sup>-06<sup>th</sup>, 2021)

*Sponsored By*  
**AICTE, New Delhi**



*Organized by*



**Department of Chemical Engineering**  
**Malaviya National Institute of Technology**  
**Jaipur-302017 (Rajasthan)**