

REGISTRATION FORM

AICTE-QIP Short Term Course on **SUSTAINABLE DEVELOPMENT: METHODS AND PRACTICES** 21-25 FEBRUARY, 2019

Name:
Gender: Age:
Designation:
Department:
Organization:
Address:
Tel/Fax:
Mobile No.
E-mail:
Accommodation: Required / Not Required

(Signature of the Applicant with date)

SPONSORSHIP CERTIFICATE

It is certified that our institute is recognised by AICTE. The applicant is hereby sponsored and will be permitted to attend the above short term course, if selected.

Date: Signature & Seal
of the sponsoring authority

- Note:
1. Photocopies of this form can be used.
 2. Scanned copy of registration form can also be sent by email

REGISTRATION

Teachers of AICTE recognised engineering institutions are eligible to apply for the course. Participants will be given course material. Accommodation will be arranged on request on 'First Come First Serve' basis to the outstation participants. The number of participants is limited to 30 for the course. Since funds are limited, it may not be possible to admit many outstation candidates. Merit and availability of funds will be taken into consideration while selecting candidates. The interested candidates need to apply on the prescribed format by the due date through email only at:

sdmpstc@gmail.com

Last date of receiving completed application form is 4 February 2019. The candidate will be informed of his/her selection in advance via mail.

FINANCIAL ASSISTANCE

There will be no registration fee for the participants. Free boarding and lodging will be arranged in the Institute Hostels/ Guest House or Hotels. Reimbursement towards TA/DA will be made to participants attending the course in full.

ORGANISING COMMITTEE

Coordinators

Dr. Rajeev Kansal, Professor, CED
Dr. Chandra Shekhar Malvi, Professor, MED

Co-ordinators

Dr. Jyoti Vimal, Assistant Professor, MED
Mob: +91-9479534701
Prof. Aditya Kumar Agarwal, Assistant Professor, CED
Mob: +91-8262952201

Members

Prof. Nupur Verma, Assistant Professor, CED
Prof. Manish Kumar Sharma, Assistant Professor, CED
Prof. Kaustubh Khori, Assistant Professor, MED
Prof. Amit Soni, Assistant Professor, MED
Prof. Sachin R Geed, Assistant Professor, CHED

Madhav Institute of Technology & Science
Gwalior-474005
--- www.mitsgwalior.in ---

AICTE-QIP Sponsored



One Week Short Term Course

On **SUSTAINABLE DEVELOPMENT: METHODS & PRACTICES** (SD: MP)

21-25 February, 2019

Organised by



Madhav Institute of Technology & Science

IA Govt. Aided UGC Autonomous & NAAC Accredited Institute Affiliated to RGPV,
Bhopal, MP

Race Course Road, Gole ka Mandir,
Gwalior-474005

--- www.mitsgwalior.in ---

PREAMBLE

Sustainable Development (SD) is defined as "development that meets the needs of the present without compromising the ability of future generations to meet their own needs" (Brundtland Report 1987). More specific sustainable development goals (SDGs) have been formulated by the UN in 2015. The most critical resources for the survival of future generations are climate stability and biodiversity. Therefore, we have to respect the planetary boundaries of economic activity today. However, today many people are still far from being able to meet their basic needs, especially in developing countries. SD not only addresses the question of inter-generational justice but also intra-generational issue: How to improve the life of the poor without overburdening the ecosystems? This is a challenge for individual lifestyles (especially in rich nations), for companies and for government policy. The STC provides a basic understanding of these challenges, introduces strategies and instruments for sustainable development.

In present times, enormous new possibilities are present in the area of sustainable development. This one week short term course includes learning from the eminent academicians and speakers from industries, laboratories work, involving site assessments and field visits.

COURSE CONTENTS

- Introduction to Sustainability.
- Challenges to Sustainable Development.
- Environmental Ethics & Social Development.
- Environmental Challenges & Sustainable Solutions.
- Sustainable Design & Transportation.
- Renewable Energy, Bio fuels
- Energy Efficient Buildings
- Hybrid Vehicles
- Balancing Ecology & Economics.
- Development Goals: Status (global and Indian), Inclusive Growth and Poverty Reduction,
 - Impact on approach to development
 - Solar city, Smart city

FACULTY

The faculty for the short term course will be mostly from reputed educational and research organizations. Also the institute has qualified and experienced faculty.

- Dr PKS Dikshit, IIT BHU, Varanasi
- Dr BN Rai, IIT BHU, Varanasi
- Dr SP Aggarwal, IIRS, Dehradun
- Dr JI Bhargava, MANIT, Bhopal
- Dr MS Chaudhan, MANIT, Bhopal
- Prof NK Gupta, FINAE, Ex-ISRO Scientist
- Dr SP Singh, Bundelkhand University, Jhansi
- Dr Ravi Kumar, PhD University Leeds, MMIT, Meerut
- Dr Anil Pal, DTU, New Delhi
- Dr OP Agrawal, Jawah University, Gwalior
- Dr Shashibala, PhD University of Leeds
- Dr RK Pandit, MITS, Gwalior
- Dr Rajeev Kansal, MITS, Gwalior
- Dr Basant Agrawal, SGSITS, Indore
- Prof AK Saxena, MITS, Gwalior
- Dr Devarshi Chourasia SPA, Bhopal
- Dr CS Malvi, MITS, Gwalior
- Dr MK Gaur, MITS, Gwalior

ABOUT MITS

Madhav Institute of Technology and Science (MITS), Gwalior was established by His Highness Late Sir Jwaji Rao Scindia, Maharaja of erstwhile State of Gwalior, with an aim to create world class quality Engineers and technocrats capable of providing leadership in all spheres of life and society. Founded as Madhav Engineering College in 1957 with three UG programmes, this temple of learning is now over 60 years old. Since its inception, the institute has constantly strived for excellence and quality. Today the institute offers nine UG programmes along with research programmes leading to Masters degree in eighteen specializations and Ph.D. in various technical streams. Various departments of the institute have well equipped laboratories and experienced faculty. The institute is a minor QIP centre for Ph.D. programme in five disciplines. The institute is also funded by World Bank under TEQIP phase III to strengthen the quality of technical education.

LOCATION

Gwalior city has major road and rail connection. The institute is located on Agra-Bombay Road (NH-3) and is approximately 320 km from Delhi. Most of the south bound trains from Delhi stop at the Gwalior station. The institute is located in the heart of city and is at a distance of about 2 km from Gwalior Bus Stand/ Gwalior Railway Station.

an inconvenient truth
the crisis of global warming

It's not too late to **SAVE THE PLANET**

AL GORE

We do not inherit the Earth from our ancestors, we borrow it from our children

Neha Gaurkar Parekh