



**CENTRE FOR RESEARCH IN ADVANCED TECHNOLOGY FOR
EDUCATION IN SCIENCE (CREATES)
INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH BHOPAL**

INDUCTION TRAINING PROGRAMME

18th - 29th JUNE, 2018

Venue: Lectures and Activities
Configurable Studio,
2nd Floor, Main Building

Lunch
Visitor's Hostel

TIME MONDAY, 18-06-2018

Chair : Dr. Ambar Jain

09:30 - 11:00	Inauguration by Deputy Director, Prof. Saptarshi Mukherjee & Orientation and Introduction by Dr. Ambar Jain, IISER Bhopal
11:00 - 11:30	TEA BREAK
11:30 - 13:00	Speaker: Dr. Ambar Jain, IISER Bhopal Topic: Overview of Communication Technologies in Education
13:00 - 14:30	LUNCH BREAK
14:30 - 16:00	Activity Session by Dr. Ambar Jain, IISER Bhopal Topic: Information and Communication Technologies in Education
16:00 - 16:30	TEA BREAK
16:30 - 18:00	Speaker: Dr. S. K. Pathak, IISER Bhopal Topic: Utility of Research and Web Tools for Academic Community: Librarian's perspective

TIME**TUESDAY, 19-06-2018****Chair : Dr. Ambar Jain**

- 09:30 - 11:00 Speaker: **Dr. Madhumita Mukherjee, IISER Bhopal**
Topic: Inclusive approach in teaching - Concept, need and challenges
- 11:00 - 11:30 **TEA BREAK**
- 11:30 - 13:00 Speaker: **Prof. Kannan Moudgalya , IIT Bombay**
Topic: Information and Communication Technologies in Education
- 13:00 - 14:30 **LUNCH BREAK**
- 14:30 - 16:00 Speaker: **Prof. Kannan Moudgalya , IIT Bombay**
Topic: Information and Communication Technologies in Education (contd.)
- 16:00 - 16:30 **TEA BREAK**
- 16:30 - 18:00 Activity session by **Dr. Kushal Shah, IISER Bhopal**
Topic: Ethics and Morality in Education

TIME**WEDNESDAY, 20-06-2018****Chair : Dr. Ambar Jain**

- 09:30 - 11:00 Speaker: **Dr. Yogesh Velankar, IIT BHU**
Topic: Scientific Understanding of Learning and Instructional Methodologies – Part 1
- 11:00 - 11:30 **TEA BREAK**
- 11:30 - 13:00 Speaker: **Dr. Yogesh Velankar, IIT BHU**
Topic: Scientific Understanding of Learning and Instructional Methodologies – Part 2
- 13:00 - 14:30 **LUNCH BREAK**
- 14:30 - 16:00 Speaker: **Dr. Yogesh Velankar, IIT BHU**
Topic: Soft Skills required in Teaching and Learning
- 16:00 - 16:30 **TEA BREAK**
- 16:30 - 18:00 Speaker: **Dr. Yogesh Velankar, IIT BHU**
Topic: Emerging Learning Models and Tools

TIME**THURSDAY, 21-06-2018****Chair : Dr. Kushal Shah**

- 09:30 - 11:00 Speaker: **Dr. Yogesh Velankar, IIT BHU**
Topic: Fundamentals of Outcomes Based Education
- 11:00 - 11:30 **TEA BREAK**
- 11:30 - 13:00 Speaker: **Dr. Yogesh Velankar, IIT BHU**
Topic: Learning Taxonomies and Learning Outcomes
- 13:00 - 14:30 **LUNCH BREAK**
- 14:30 - 16:00 Speaker: **Dr. Yogesh Velankar, IIT BHU**
Topic: Pedagogical Approaches and Teaching and Learning Methods
- 16:00 - 16:30 **TEA BREAK**
- 16:30 - 18:00 Speaker: **Dr. Yogesh Velankar, IIT BHU**
Topic: Contemporary Issues in Teaching and Learning

TIME**FRIDAY, 22-06-2018****Chair : Dr. Madhumita Mukherjee**

- 09:30 - 11:00 Speaker: **Dr. Kushal Shah, IISER Bhopal**
Topic: Socratic (discussion) method of teaching
- 11:00 - 11:30 **TEA BREAK**
- 11:30 - 13:00 Speaker: **Dr. Sheereen Bajpai, IISER Bhopal**
Topic: Emotional challenges faced by adolescents
- 13:00 - 14:30 **LUNCH BREAK**
- 14:30 - 16:00 Activity Session by **Dr. Madhumita Mukherjee, IISER Bhopal**
Topic: Inclusiveness in teaching
- 16:00 - 16:30 **TEA BREAK**
- 16:30 - 18:00 Activity session by **Dr. Sheereen Bajpai, IISER Bhopal**
Topic: Understanding human behaviour

TIME**SATURDAY, 23-06-2018****Chair : Dr. Madhumita Mukherjee**

- 09:30 - 11:00 Speaker: **Dr. Rajesh Khambayat, NITTTR Bhopal**
Topic: Classroom Management
- 11:00 - 11:30 **TEA BREAK**
- 11:30 - 13:00 Speaker: **Dr. Rajesh Khambayat, NITTTR Bhopal**
Topic: Instructional Methods and Media
- 13:00 - 14:30 **LUNCH**

TIME**MONDAY, 25-06-2018****Chair : Dr. Ambar Jain**

- 09:30 - 11:00 Speaker: **Dr. Kushal Shah, IISER Bhopal**
Topic : Pedagogic measures to smoothen the school-college transition
- 11:00 - 11:30 **TEA BREAK**
- 11:30 - 13:00 Speaker: **Dr. Kushal Shah, IISER Bhopal**
Topic: Role of young faculty members in academic leadership
- 13:00 - 14:30 **LUNCH BREAK**
- 14:30 - 16:00 Speaker: **Dr. Ambar Jain, IISER Bhopal**
Topic: Assessment and Evaluation
- 16:00 - 16:30 **TEA BREAK**
- 16:30 - 18:00 Activity session by **Dr. Ambar Jain, IISER Bhopal**
Topic: Hands on session on Examineer
- 18:00 - 19:00 Presentations

TIME

TUESDAY, 26-06-2018

Chair : Dr. Ambar Jain

09:30 - 11:00	Activity Session by Dr. Ambar Jain, IISER Bhopal Topic: Continuation of Examineer session and assessment techniques
11:00 - 11:30	TEA BREAK
11:30 - 13:00	Speaker: Prof. Santosh Kumar, ex-VC, Barkatullah University Topic: University Rules and Regulations
13:00 - 14:30	LUNCH BREAK
14:30 - 16:00	Presentations
16:00 - 16:30	TEA BREAK
16:30 - 19:00	Presentations

TIME

WEDNESDAY, 27-06-2018

Chair : Dr. Kushal Shah

09:30 - 11:00	Speaker: Mr. Rajesh Moza, Registrar, SPA Bhopal Topic: Autonomy and accountability for effective governance
11:00 - 11:30	TEA BREAK
11:30 - 13:00	Speaker: Prof. Andrew Lynn, JNU New Delhi Topic: Accountability towards delivering work in time.
13:00 - 14:30	LUNCH BREAK
14:30 - 16:00	Speaker: Prof. Andrew Lynn, JNU New Delhi Topic: E-Governance
16:00 - 16:30	TEA BREAK
16:30 - 19:00	Presentations

TIME**THURSDAY, 28-06-2018****Chair : Dr. Kushal Shah**

09:30 - 11:00	Speaker: Dr. N. Sundaram, ex-Registrar, BHU Topic: University Administration and Law
11:00 - 11:30	TEA BREAK
11:30 - 13:00	Speaker: Dr. N. Sundaram, ex-Registrar, BHU Topic: Higher Education Governance in Indian Universities
13:00 - 14:30	LUNCH BREAK
14:30 - 16:00	Speaker: Prof. Saptarshi Mukherjee, Deputy Director, IISER Bhopal Topic: Governance in Academic Institutions: Role of Heads and Deans
16:00 - 16:30	TEA BREAK
16:30 - 18:00	Activity session by Dr. Ambar Jain, IISER Bhopal Visit to Studio AIR and discussion on impact of classroom layout and technology on pedagogy.
18:00 - 19:00	Presentations

TIME**FRIDAY, 29-06-2018****Chair : Dr. Kushal Shah**

09:30 - 11:00	Speaker: Prof. Tripta Thakur, MANIT Bhopal Topic: Global and Local Challenges in institutions of higher learning
11:00 - 11:30	TEA BREAK
11:30 - 13:00	Speaker: Prof. Tripta Thakur, MANIT Bhopal Topic: Importance of leadership in improving learning outcomes
13:00 - 14:30	LUNCH BREAK
14:30 - 16:00	CLOSING CEREMONY