



**Knowledge Network of
Indian Institute of Technology Gandhinagar
TEQIP-III Initiative (MHRD, Govt. of India, NPIU & World
Bank)**

**TEQIP – III Summer Training Program on
Active Learning**

Date: 5-days course in two slots
 a). 28th May – 01st June 2018
 b). 18th June – 22nd June 2018

Venue: IIT Gandhinagar, Palaj Campus

Target group: Principals/HoD's & Faculty Members

Registration: **through Nominations only.**

Course Coordinator: Prof. Amit Prashant

Co-course coordinator: Prof. Abhijit Mishra & Prof. Pratyush Dayal

Dates	Batch size	Schedule
Batch - A 28th May – 01st June 2018 (5-days)	Two groups of 100-100 each in the first batch i.e. total 200 faculty participants in Batch – A during this period.	Tentative curriculum is below. Three Broad Areas: Active Learning Autonomy & Governance Research & Development
Batch - B 18th June – 22nd June 2018 (5-days)	Two groups of 100-100 each in the second batch i.e. total 200 faculty participants in Batch – B during this period.	

1) Active Learning:

- Engagement of students through active participation: Sharing pedagogical experiences with subject case studies, engaging class with team assignments (projects, presentations, case study learning, brainstorming, field visits, etc.), and discussion forums.
- Peer Learning: Peer-Instruction, group-study and Think-Pair-Share strategies.
- Technology-enhanced learning: Flipped classroom, Massive Open Online Course (MOOC), use of software pedagogical aids with special emphasis on hands-on sessions of Moodle and use of National Digital Library of India.
- Students Counseling: Mentorship programs; Identifying student needs/ weaknesses and guiding appropriately, faculty-student interaction and establishment of a larger educational community,

students' well-being and happiness, remedial classes, peer learning groups, bridge courses, repeat exams, etc.

2) Autonomy, Governance & Management

- Academic Ecosystem, importance of autonomy and sustainability.
- Industry interaction for Student Placement & Alumni network.
- Faculty-student collaboration to achieve institutional objectives, institution building and experience sharing on autonomy, good governance, and related good practices.
- Importance of positive outlook, teamwork, and collegiality among colleagues (Philosophy of having institute's progress above the individual's interest).

3) Research & Development

- State-of-the-art Laboratory visits.
- Thought sharing by Senior Professors of IIT on how to continue research at this position and how to encourage young recruited faculty to do proper teaching and research.
- How to get research proposals and funding: Need finding, Innovation, Entrepreneurship, and Inter-Disciplinary research.
- Sustainable funding: Means of Industrial consultancies(R&D Project Proposal Development, addressing local needs and bottom of pyramid industry/society needs, Tapping into Corporate Social Responsibility (CSR) funding and industrial consultation/ collaboration opportunities for locally relevant R&D)