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

<u>TEQIP – III Faculty Induction Programme 2018</u>

_____

Date: 5-days course in two slots & batches between 29th January – 09th February 2018
Venue: IIT Gandhinagar, Palaj Campus
Target group: **Nominated** Faculty Members only.

Dates	Batch size	Schedule
Batch - A **29th January - 02nd February 2018** **(5-days)**	Total 100 faculty participants in Batch – A during this period.	Tentative day wise schedule is attached below.
Batch - B **05th February - 09th February 2018** **(5-days)**	Total 100 faculty participants in Batch – B during this period.	

Faculty Induction Course
Proposed Curriculum

The curriculum for course consists of three modules i.e. Pedagogy, Research, and knowing the TEQIP III project.

➢ **Pedagogy(P)**
1. How to teach – Facilitate by engaging the learner:
   (Hands-on learning, experiential learning, demonstration, projects, case studies, short video lectures with facilitator etc.)
2. Equity – Matching the learner's pace:
   (Importance of student feedback, remedial classes, peer learning groups, bridge courses, repeat exams, etc.)
3. Advanced learning tools:
   (What are they? How to use them for deeper learning? E.g. MOOCs, MOODLE, Flipped Classroom etc.)

4. Human values and being a mentor:
   (Ethics, morals, counseling the students for career, life, extra-curricular etc.)
5. Promote soft skills for industry readiness:
   (Develop managerial, communication, teamwork, leadership, and entrepreneurial skills by class activities like team projects, presentations, brainstorming, field visits, etc.)
6. Formative assessment: How to test for better growth:
   (Making question papers that test higher order thinking skills, using diagnostic tests to identify and overcome student weakness, understanding of the concepts and skills rather than subject knowledge)

➢ **Research(R)**: It will briefly cover the basics and will include a short visit to the laboratories.

1. Research – Methodology, areas of national importance (environment, water, energy, health etc.).
2. Innovation – Entrepreneurship& start-up, IPR,patents, andpeer-reviewedpublication (Impact factor, H & I index, citation etc.).
3. Consultancy & development – Industry collaboration, generating revenue for **sustainability** (industry projects,industry-sponsored research, consultancy and R&D).
4. Lab Visits

➢ **TEQIP-III(T)**
   1. Introduction, vision,and mission
   2. Project Indicators (KPI, DLI)
   3. **AICTE Mandates**
   4. Governance of institute
   5. Performance appraisal