

Award of **IGIP International Engineering Educator** certificate and title of “**Ing.Paed.IGIP**” to IIEECP Certified Faculty:

Indo Universal Collaboration for Engineering Education (IUCEE) has concluded an agreement with IGIP (International Society for Engineering Pedagogy: <http://www.igip.org/index.php>) about providing IGIP Certification to those who have completed IIEECP Certification.

Graduates who have completed Phase III of IIEECP (IUCEE International Engineering Educators Certification) Program, will be eligible for the “**Ing.Paed.IGIP**” title added to their qualification, if they have a paper accepted for publication in Journal for Engineering Education Transformations.

IIEECP Program Curriculum:

The Complete Program has three Phases:

Phase I – PRE-CERTIFICATION WORKSHOP

This is a three-day hands-on face-to-face workshop by global experts in engineering education and is designed to enable the participants to begin to understand the principles of learner-centred teaching; to design or redesign a course and its elements, emphasizing learning outcomes; to develop different teaching and active learning strategies for implementation of these elements; to design formative and summative assessment tools and rubrics for outcomes assessment.

Phase II – ON-LINE MODULES

This component is delivered completely on-line over a period of 12 weeks and consists of 6 modules. An e- platform is used for delivering course content along with assignments and discussions. This asynchronous format is supplemented by synchronous on-line meetings of all participants and concerned faculty, once a week. The trainees attend this phase while teaching at least one course and complete their practicum by implementing strategies learned in their respective classes, recording outcomes and preparing a personal teaching portfolio.

The following six modules are taught in Phase II by expert faculty from the USA and India.

MODULE 1: Principles of Effective Learner-Centred Teaching

MODULE 2: Planning and Designing / Redesigning a Course

MODULE 3: Creating an Active and Dynamic Classroom

MODULE 4: Fostering Collaborative Learning

MODULE 5: Harnessing the Power of Technology

MODULE 6: Effective Assessment of Learning Outcomes

Phase III – VALEDICTORY WORKSHOP

Participants who have completed Phase I and II make on-line presentations in Phase III, based on their Teaching Portfolio and a one year plan of action for teaching/research and professional development.