



## TEQIP- III SPONSORED Pedagogy Workshop on Effective Teaching



**3<sup>rd</sup> - 7<sup>th</sup> June, 2019.**

**Organized by  
Department of Computer Science  
and Engineering,  
in collaboration with  
Centre for Educational Technology,  
IIT Guwahati.**



### ELIGIBILITY, REGISTRATION AND SELECTION

The workshop is open to faculty members of TEQIP mapped institutions. Please refer Institution List link of NPIU website <http://www.npiu.nic.in/index.htm> for the list of TEQIP mapped institutions. Faculty from non-TEQIP institutions may be accommodated subjected to availability of seats.

Registration fee for participants from TEQIP institutions is **2000 INR** and for participants from non-TEQIP institutions is **2950 INR (2500 INR + 18% GST)**.

The registration fee will be refunded to the participants from TEQIP mapped institutions, subjected to complete participation in the course. The registration fee paid will not be refunded to the participants who fail to attend the workshop. There will be total 40 seats for the workshop which will be filled based on first come first serve basis.

### BOARDING AND LODGING

For participants from TEQIP mapped institutions, accommodation can be arranged free of cost either in the IITG guest house or student hostels inside IITG campus, based on requests from the applicants. Accommodation is from 02.06.19 to 08.06.19. Registration fee will cover workshop materials and working lunch during the workshop days. Participants can have breakfast and dinner from hostels or guest house on payment basis. Participants from non-TEQIP institutes should make their own arrangements for boarding and lodging.

### HOW TO APPLY

Interested candidates can find application form, registration details and guidelines in the workshop's web page link <http://www.iitg.ac.in/johnjose/teqip3b.html>

Duly filled application form, endorsement form approved by the respective head of the institute and the registration fee Demand Draft drawn in favor of "**Registrar, IIT Guwahati**", payable at Guwahati should be sent to the workshop coordinator by speed post. Last date for receipt of application form and registration fee DD is **10.04.19 (Wed)**. Candidates from TEQIP mapped institutions can claim TA&DA from their respective institutions. IITG will not provide TA&DA.

### WORKSHOP COORDINATOR

**Dr. John Jose**

<http://www.iitg.ac.in/johnjose/>

Assistant Professor,

Department of Computer Science & Engg  
IIT Guwahati, Guwahati, Assam 781039.

email: johnjose@iitg.ac.in,

johnjose004@gmail.com

Mobile: 9048665842, 9476950747.

Office: 0361-2583256.

### ACCOMMODATION / REGISTRATION SUPPORT

**Mrs. Manju R.**

Mobile: 9961330220, manjurajanv@gmail.com

**Mr. Amit Puri**

Mobile: 9814752741, future.puri@gmail.com

Ph.D scholars, MARS Research Lab,  
Department of Computer Science & Engg,  
IIT Guwahati, Guwahati, Assam 781039.

## IIT GUWAHATI

Indian Institute of Technology Guwahati (IITG) <http://www.iitg.ac.in>, the sixth member of the IIT fraternity was established in 1994. IITG has been able to build up world class infrastructure for carrying out advanced research and has been equipped with state-of-the-art scientific and engineering instruments. IITG campus is on a sprawling 285 hectares plot of land on the north bank of the river Brahmaputra around 20 kms from the heart of the city.

The Department of Computer Science and Engineering <http://www.iitg.ac.in/cse/>, started its academic program in the year 1995 and is celebrating 25<sup>th</sup> year of its inception. It provides an outstanding research environment complemented by excellence in teaching. The department offers B.Tech., M.Tech., Ph.D. and Dual (M.Tech. + Ph.D.) degree programs. The department has around 30 faculty members actively involved in various cutting edge research domains in Computer Science field.

## ABOUT TEQIP-III

TEQIP an initiative of MHRD, Government of India is a long term program for quality enhancement and resource sharing of technical institutions in India. TEQIP III was started in 2017-18 as central sector scheme with a special focus on the low income states, north-eastern states, hill states and islands. KIT (Knowledge Incubation Cell for TEQIP), established at IITG under 2<sup>nd</sup> phase of TEQIP, functions as a multi-disciplinary as well as interdisciplinary Innovation Incubation Center with a focus to impart knowledge, infusing innovation and leading a path to achieve academic excellence.

## ABOUT THE WORKSHOP

Pedagogy encompasses educational psychology which imparts theory of learning of education philosophy. It also includes how teachers and students interact together along with instructional approaches practiced in the classroom. Over the last few years academicians are stressing on a paradigm shift from teacher-centered approaches to learner-centered approaches.

### The workshop focuses on

- \* enabling faculty to understand their strength and weakness and to work more specific on skill sets needed to become effective facilitators for learning.
- \* providing the faculty with new inputs and best practices followed in IIT system for the design, delivery and assessment of courses.
- \* helping the faculty to focus on increasing learning outcomes by making use of innovative practices and ICT tools.
- \* enabling faculty to become more effective in classroom teaching, curriculum framing, and practicing innovative assessment techniques.
- \* motivating faculty to understand the importance of coexistence of teaching as well as research for achieving academic excellence.
- \* motivating faculty in taking non- academic responsibilities that are not part of their assigned tasks but still gaining professional growth from such activities.
- \* improving social skills necessary for collaboration, professional growth, personnel management, and leadership.
- \* understanding the importance of getting outside institute exposure and transferring them to their students.

## WORKSHOP CONTENTS

- \* Teaching as a profession: Challenges and opportunities.
- \* Information & Communication Technologies for better learning.
- \* Essentials and desirables to excel as a good teacher.
- \* Teaching & research: Two side of same coin.
- \* Creative thinking and curriculum innovations for effective course delivery.
- \* Teaching: Learning exercise and lessons learned.
- \* Innovative ways of enhancing learning outcomes in lab courses.
- \* Integrated assessment, evaluation, teaching and research.
- \* Student mentoring & project guidance.

## RESOURCE PERSONS

- \* Prof. G. Sajith
- \* Prof. S.B. Nair
- \* Dr. Aryabartta Sahu
- \* Prof. Jatindra Kr Deka
- \* Prof. P.K. Das
- \* Prof. Hemangee Kapoor
- \* Prof. Pradeep Yammiyavar
- \* Prof. Kalpesh Kapoor
- \* Dr. Samit Bhattacharya
- \* Dr. T. Venkatesh
- \* Dr. Ashish Anand
- \* Dr. Arnab Sarkar
- \* Dr. John Jose
- \* Dr. Moumita Patra