

SPONSORSHIP / NOMINATION CERTIFICATE

Prof./Dr./Mr./Ms./Mrs./.....
.....

is an employee of our institute and his/her application is hereby sponsored / nominated. The applicant will be permitted to attend the short-term course "**Algorithms and Architectures for High Efficiency Video Coding**" in EEE department at IIT Guwahati during 5/09/2016 to 9/09/2016 if selected.

Our institute is (tick one):

- ☐ TEQIP Project funded / & listed Institution
☐ CFTI
☐ State Govt Funded Institution
☐ Other Institutions

Date.

Signature of Authority

Designation

Official Seal

Selected participants will be informed by e-mail
The duly sponsored / nominated application form
should be mailed to:

Dr. Shaik Rafi Ahamed

Dr. M. K. Bhuyan

**Department of Electronics and Electrical
Engineering**

Indian Institute of Technology, Guwahati
North Guwahati, Guwahati-781 039, Assam
Fax No.: 0361-2690-2690762

ABOUT TEQIP

Under the TEQIP-II program sponsored by the MHRD IITs have been invited to participate by establishing a Centre dealing with KNOWLEDGE INCUBATION (KIC) vide DO No. 16-25/2013-TS.VII dated 25th June 2013. These Centres are intended to become a focal point for training Faculty, Staff and students from TEQIP-II institutions in Knowledge Engineering, Content Creation, Improving Teaching, Pedagogy & administrative skills in identified niche areas/disciplines.

ABOUT KIC

KIC- Knowledge Incubation Cell at IITG functions as a multi disciplinary as well as interdisciplinary Innovation Incubation Centre with Knowledge Management as its focus. Its activities are in the area of improving quality of technical education, incubator of Innovative Ideas; implementer of contemporary pedagogy practices and development of Learning Content in Technical institutions.

ABOUT IIT GUWAHATI

SNAP OF CAMPUS

IIT Guwahati campus is spread over a sprawling 785 hectares plot of green land on the north bank of the river Brahmaputra around 25 km from the heart of the city. With hills and vast open spaces the campus provides an ideal setting for training. Details on how to reach IITG Campus are available on the website:
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Indian Institute of Technology Guwahati

KIC-TEQIP SHORT TERM COURSE
on

**Algorithms and Architectures
for
High Efficiency Video Coding**

September 5-9, 2016

Conducted by
Department of EEE
IIT Guwahati

Organised by
Knowledge Incubation Cell
Centre for Educational Technology
URL: <http://www.iitg.ac.in/cet>



IITG

TEQIP



ABOUT THE COURSE / EVENT

Faculty member of IIT Guwahati and guest faculty members from other premier Institution/ Organization will deliver lecture.

COURSE CONTENTS

Topics to be covered:

- Overview of High Efficiency Video Coding (HEVC).
- Motion Estimation Algorithms and Architectures in HEVC
- Algorithms and architectures for DCT
- Deblocking Filter in HEVC
- Hands on laboratory classes on the simulation of various stages of HEVC using MATLAB/Verilog..

ELIGIBILITY

The course/ event is open to Faculty members, of TEQIP listed Institutions / Engineering Colleges and Govt funded NE State Technical Institutions. Seats that remain unfilled will be open to other institutions. No course fee is charged. Candidates from TEQIP institutions will be reimbursed TA & DA from their respective institutions.

BOARDING AND LODGING

Boarding and lodging facilities (Guest House or Hostel rooms) will be provided for the selected candidates from TEQIP listed institutions. Depending on availability lodging may be extended to non TEQIP candidates on self-payment basis.

IMPORTANT DATES

The last date for the receipt of duly sponsored applications: BY email: scanned copy: 15/8/16
Hard copy must reach by: 20/8/16
Intimation of selection.: 21/08/16

SELECTION CRITERIA:

Number of seats - 30.
Selection will be based on First cum first served basis from priority
(i) TEQIP mapped Institution (ii) CFTI (iii) State Govt Institutions (iv) Other institutions.

FINANCIAL ASSISTANCE FOM IITG

Limited number of selected Participants from CFTIs & State Govt institutions in the NE (ie: Non TEQIP funded institutions) may be eligible & considered for reimbursement of to and fro railway fare via shortest route in sleeper class (proof of journey / ticket needed) and free lodging and boarding in the hostel during course period.

Selected participants will be informed by e-mail
For all other participants no, TA/DA will be paid by IIT Guwahati.

Address for correspondence :

Dr. Shaik Rafi Ahamed

Dr. M. K. Bhuyan

Department of Electronics and Electrical Engineering

Indian Institute of Technology Guwahati
Guwahati- 781 039
Mob:9957029847/9435051060
<http://www.iitg.ernet.in/eee>

Application Form

1. Name (block letters):
2. Designation & pay scale
3. Organisation
4. Address for communication

Pin code: Ph. No.:

E-mail:

Fax No.

Mobile No./ Telephone:

5. Highest Academic Qualification,

6. Specialization:

7. Experience:

(a) Teaching: (b) Industrial:

9. Choice of Accommodation:

☐ Hostel ☐ Guest House ☐ Will make my own arrangement.

10. Category: ☐ General ☐ Reserved

Please register me for the course on

“Algorithms and Architectures for High Efficiency Video Coding” to be held at IIT Guwahati.

I am sending an advance copy of this application by email to the coordinator of the course.

I undertake to send the Hard copy signed by the Head of our Institution.

Place:

Date:

Signature of the applicant