

ORGANIZING COMMITTEE

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PATRON	Prof. P K Patra Principal, CET
TEQIP COORDINATOR	Prof. L.N. Panda
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ADVISORY COMMITTEE

- Prof P.K.Parhi, PIC Academics
- Prof L.N.Panda, PIC Administration
- Prof D.P.Bagarty, PIC Students Affairs
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- Prof B.P Dash, HOD Textile Engg
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- Prof B.Ojha, HOD Physics
- Prof. B.R.Das, HOD, Chemistry
- Prof M. Mishra, HOD, Math & Hum.

FACULTY DEVELOPMENT PROGRAMME (FDP) UNDER TEQIP-II SHORT TERM COURSE ON SOFTWARE TESTING, RELIABILITY AND QUALITY MANAGEMENT (NOVEMBER 30 – DECEMBER 5 2015)



HOSTED BY:
DEPARTMENT OF COMPUTER SCIENCE &
ENGINEERING, CET (BPUT),
BHUBANESWAR-3

The software has been the life blood of business and it has thus been synonymous with the go of the business world for business effectiveness today. Day in and day out many software products are taking birth and many are in the pipelines to come out. Software industry is ever growing since 1970 and the industry is attracting more and more technical professionals from most of the branches of engineering.

Software testing is the vital aspect of software product and the objective of software product testing is fourfold:

- I) Defect preventions
- II) Confidence creation
- III) Requirement satisfaction
- IV) Quality level specification

It is important to have necessary and proper coverage to test the software application against desired performance level.

The present union Govt. is bent upon to fully digitize the Nation and is also committed to reduce the digital divide so that more and more individuals and organizations are going to be the software users. Therefore software quality has been the order of the day.

Against this back drop this course aims at improving the quality of teaching of software testing which is the integral and vital arm of software engineering.

The course is expected to take the participants to a new height in this area in that:-

- i) The knowledge shall be up-to-date and deep rooted.
- ii) The teaching techniques shall be improved.
- iii) The research shall be refueled.

Course Objectives

To provide a platform for the exchange of ideas, practices and pedagogy in Software quality management with special reference to software testing and software reliability.

Course contents

Software testing Spectrum, Automated vs Manual, Testing tools, Techniques, Software Reliability, Reliability Metrics, Quest for software Quality and Quality metrics..

Resource Persons: Faculty members of CET Bhubaneswar and Experts from IIT Bhubaneswar, ISI Kolkata, NIT Surarthkal, NIT RKL, INFOSYS, TCS and other Premier Institutes.

The course is open to teachers of TEQIP mapped technical Institutions. No course fee is charged for TEQIP sponsored Institute however a Registration fee of Rs. 2000/- is charged for non funded TEQIP institute. No TA, DA and accommodation will be provided by CET Bhubaneswar.

The program is for 30 participants. Selection will be based on FCFS basis. Intimation will be given by email on or before 28.11.15.

How to apply:

Application form can be downloaded from the website www.cet.edu.in.

The duly filled application must reach the course Coordinator on 28.11.15 by 2pm.