

Annexure VII
Technical Education Quality Improvement Programme Phase – III
Jadavpur University

Call for Mentee faculty development program/ short term courses

This scheme is meant for organizing **faculty development programmes/ short term courses** for the faculty members of the mentee institution, i.e., **Rajasthan Technical University, Kota (RTU)** under TEQIP-III and falls under Twinning activity.

Aim

The main aim of this programme is improvement of the quality of knowledge base of faculty members of RTU., as identified through the interaction of the JU representatives with the faculty members of RTU.

Eligibility Any department covered by TEQIP Phase – III can apply.

Description

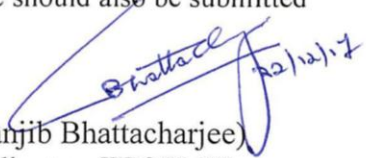
Proposals are invited for organizing faculty development programmes/ short term courses at Rajasthan Technical University, Kota (RTU) or at JU where both the faculty members from RTU and young faculty members and Research scholars of JU can participate.

Mandate

- Duration of course: 3 -5 days
- The course should have a maximum of 2 – 3 resource persons, preferably from within Jadavpur University. However, the industry experts can also act as resource persons, if necessary.
- The courses should be in one or more areas identified during visit of JU team to RTU. The identified areas are as follows:
 - CFD
 - Mechatronics
 - Material Characterization
 - Teaching Micro processors with Emulators
 - Working with DSPs, MSPs and Modern Micro-controllers
 - Tools and Techniques in Modern Control Systems
 - Techniques in Micro-wave Engineering
 - Tools and Techniques in Modern Power Systems Analysis and Design
 - Understanding drives for electrical machines
 - Methods and Equipment in the High Voltage Laboratory
 - Hands on with Opal-RT on Power Systems Simulation
 - Hands on with Opal-RT on Hardware in Loop Simulation
 - Hand on with Process Instrumentation and Control
 - Working with Wireless Sensor Networks (WSNs)
 - Introduction to RS & GIS
 - Software Application in Civil Engineering
 - Training programme on Laboratory Instruments
 - Recent Refinery Practices
 - Process Simulation Software
 - Training program on instrumental facilities available
- A report on the event has to be submitted and all bills to be submitted within two weeks from the completion of the event.

Application

Applications in plain paper with all the details of the workshop should be submitted by e-mail to TEQIP Cell (teqip.cell@jadavpuruniversity.in) at least two months prior to the event mentioning “Application for Short Term Courses at RTU” in the subject line. A signed hardcopy of the same should also be submitted to TEQIP Cell, Jadavpur University.


(Chiranjib Bhattacharjee)
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