



# KAMLA NEHRU INSTITUTE OF TECHNOLOGY

## SULTANPUR (U.P.)-228118

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### **Invitation for Training Proposal on MATLAB & Programming**

Proposals are invited for conducting in-house training on MATLAB & Programming at Kamla Nehru Institute of Technology, Sultanpur through TEQIP-III.

**The programme should cover, but need not be limited to, the following:**

Working with Matrix and Scalar Operation, Vectors, Matrix, String, Functions, Arithmetic, Solving Differential Equations, Plots (2-D, 3-D), Functions in MATLAB, Use of tools in MATLAB, Advanced MATLAB, Programming in MATLAB, Introduction in DATA Type, Simulink Modeling, Operators, Decision Making, Handling Excel Files, Simulation in MATLAB, Controls, Engines, Electric Circuit Analysis, Signal Analysis, Transforms.

#### **Target Audience**

The training program is targeted to train around 65 students of B.Tech. 2<sup>nd</sup> Year Electrical Engineering.

#### **Duration**

The programme shall be designed to be delivered within 50 hours, expected to be conducted tentatively in March 2018. Classes will be held in such a way that the academic schedule of the students remains undisturbed on working days. However on Sundays and other holidays classes may be planned as per convenience of the students and the Trainer.

#### **Responsibilities of the Resource Person**

The resource person shall:

1. Develop course materials, including handouts, reading material, exercises and case studies that fully cover the areas outlined above.
2. Deliver the course material to Coordinator Industry Readiness Programme within seven days from the date of award of contract.
3. Deliver the training sessions. (Training sessions shall be designed in such a way that the practical application component shall constitute at least 80% of the time allocated for the training session).
4. Interact with participants during the training sessions to encourage participation and provide guidance on questions that are raised by the participants.

## **Qualifications of the Resource Person (s)**

The resource person shall:

1. Hold recognized academic or professional qualifications. (Enclose detailed C.V. of Trainer along with proposal)
2. Have at least 2 years experience as a Trainer on the same technology/software. (Enclose details along with proposal)
3. Have conducted similar training programs for other Institutions. (Enclose details along with proposal)
4. More than one resource person may be nominated to conduct the programme; in such a case the proposal must highlight the sessions being engaged by each resource person.

## **Evaluation Criteria**

All proposals shall be shortlisted on the basis of guidelines of Fixed Budget Selection (FBS) provided for Procurement of Services by TEQIP-III.

1. The budget of entire training is fixed as 50hrs @ Rs.5000.00 i.e. Rs.2,50,000.00 (Rs. Two Lakh Fifty Thousand Only) .
2. The training agencies shall provide best technical and financial proposals in separate envelops, with in the budget specified above. Technical proposal shall be evaluated as per guide lines of Quality and Cost Based System (QCBS) provided by TEQIP-III.
3. QCBS is a competitive process among shortlisted firms, which takes into account quality and cost of the proposal.
4. Weight for quality and cost shall be 80% and 20% respectively.
5. Quality of technical proposal may be evaluated by a short presentation of minimum one hour by the Trainer on behalf of the firm. Alternately the training agency may provide the video CD of the Trainer recorded during his/her previous training session(s) in other Institutes.

6. Minimum qualifying marks in technical proposal shall be 75 out of 100.
7. Financial proposals shall be opened in public and prices read aloud.
8. Proposals exceeding the indicated budget shall be rejected.
9. Firm securing first rank in combined evaluation (technical and financial) shall be selected and invited to execute a contract.
10. The proposal shall also include a plan for providing placement assistance to the students in the area of training.
11. Preference shall be given to Government Training Agencies.

**Payment:**

Payment against the training shall be made only after the successful completion of the training program.

**Note: The Institute shall not provide any hospitality to the Trainer/Firm further, all expenses towards boarding/lodging, travel of the Trainer and printing course materials shall be bearded by the firm for the entire training duration.** The institute shall provide the training classroom, projectors and other programme-related administrative arrangements.

**For further details or queries, please feel free to contact:**

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All interested parties should submit proposals in person or by speed post, in sealed envelopes marked with “**Proposal to Conduct a Training Programme on MATLAB & Programming through TEQIP-III**” to the address below latest by 23- Feb- 2018.

**Coordinator**  
**(TEQIP-III)**  
**Kamla Nehru Institute of Technology,**  
**Sultanpur, Uttar Pradesh-228118**