



**Z.H. College of Engineering & Technology, Aligarh Muslim  
University, Aligarh**  
Aligarh Muslim University, Aligarh-202002, UP,

---

**Technical Education Quality Improvement Programme [TEQIP]-Phase III  
Consultancy Services for NPIU-Employability Skills Training  
Expressions of Interest**

The Government of **India** has *applied for/availed* a credit/loan from International Development Association (IDA), and the International Bank for Reconstruction and Development (IBRD) and intends to apply part of the loan/credit proceeds to make payments under the contract for the following services:

**Consultancy for NPIU-Employability Skills Training**

The **Technical Education Quality Improvement Programme[TEQIP]-Phase III** Project now invites eligible Consultants to indicate their interest in providing the services. A Consultant will be selected in accordance with the procedures set out, in the World Bank's Guidelines: Selection of Employment of Consultants by World Bank Borrower (current edition). Interested Consultant may submit "Expression of Interest" in a sealed envelope clearly superscripted as Expression of Interest for "**NPIU-Employability Skills Training**" and may obtain further information about the services, procedures for submitting the EOI etc. at <https://www.amu.ac.in>

Consultants may associate other Service Providers to enhance their qualifications/skills. Expressions of Interest must be delivered to the address below on or before dated 29<sup>th</sup> October, 2018.

**For details of the qualification criteria refer tender section of [www.amu.ac.in](http://www.amu.ac.in) under the title "Consultancy Services for NPIU-Employability Skills Training TEQIP-III, Z.H. College of Engg. & Tech. (TEQIP-III/zcet/205)"**

**Prof. M.M. Sufyan Beg, Principal**  
**Z.H. College of Engineering & Technology,**  
**Aligarh Muslim University, Aligarh-202002, UP,**  
Tel: **0571-2700042**  
E-mail: **principal\_zhcet@yahoo.co.in**

**SELECTION OF CONSULTANTS BY THE BANK'S BORROWERS**  
**REQUEST FOR EXPRESSIONS OF INTEREST**

Country: India

Project Name: **Technical Education Quality Improvement Programme[TEQIP]-Phase III**

METHOD OF CONSULTING SERVICES

Credit.: **Cr. 4685-0 IN**

Expressions of Interest

The Government of India has received a Credit 4685-IN from the International Development Association and it is intended that part of the proceeds of this credit will be applied to eligible payments under the contracts for **Technical Education Quality Improvement Programme [TEQIP]-Phase III**.

The services include *NPIU-Employability Skills Training*

Consulting Services: **NPIU-Employability Skills Training**

Brief Description: **NPIU-Employability Skills Training**

Organization: **Z.H. College of Engineering & Technology, Aligarh Muslim University, Aligarh**

Implementation Period: 2018-19

The **Z.H. College of Engineering & Technology, Aligarh Muslim University, Aligarh** now invites eligible consultants to indicate their interest in providing the services. Interested consultants must provide information indicating that they are qualified to perform the services (brochures, description of similar assignments, experience in similar conditions, availability of appropriate skills among staff, etc.). Consultants may associate to enhance their qualifications.

A consultant will be selected in accordance with the procedures set out in the World Bank's *Guidelines: Selection and Employment of Consultants by World Bank Borrower* (current edition).

Short-listing Criteria

- a. Providing learning (study) material online/ offline before commencement of training.
- b. Powerful learning opportunities from subject experts (Guest lecture) who are not available locally in towns & cities where institutions are located.
- c. Interactive technology enabled online tutorials
- d. The opportunity to work and learn at a custom, personalized pace - regardless of whether or not the student is a "challenged" or "accelerated" learner in the classroom.
- e. The environment (for eg. MOODLE) to ask whatever questions he/she wants in order to accomplish his/her learning goals.
- f. Track achievements and progress with easy-to-use measurement tools.
- g. Face to face training in the selected institutes as per the schedule to be furnished by institutions.

Interested consultants may obtain further information at the address below

**Principal Office, Z.H. College of Engineering & Tech., Aligarh Muslim University, Aligarh-202002, UP.**

Expressions of interest must be delivered to the address below by 29<sup>th</sup> October, 2018.

**Principal, Z.H. College of Engineering & Technology, Aligarh Muslim University, Aligarh**

*Prof. M.M. Sufyan Beg, Principal*

**Aligarh Muslim University, Aligarh-202002, UP,**

**Tel: 0571-2700042**

**Fax:**

**E-mail: [principal\\_zhcet@yahoo.com](mailto:principal_zhcet@yahoo.com)**

**TERMS OF REFERENCES (TORs) FOR INVITATION OF EoIs FOR  
Empanelment of service Provider/Consultancy Agency/Institutes for delivery of different  
modules to improve Employability Skills in the TEQIP-III Institutions**

The purpose of this EoI is to identify an agency providing employability skill training to 3<sup>rd</sup> & 4<sup>th</sup> years students (under graduate engineering courses) by imparting soft skills required for working in the industry and encompassing managerial, entrepreneurial, leadership, communication, and team work. The focus of imparting these skills shall be to enhance the employability of technical graduates and acceptability by the industry for them.

The service provider/consultancy agency has to impart Employability skill training covering managerial skills, communication skills, team work skills, leadership skills, and entrepreneurial skills required for working in industry. The performance of the student in terms of placement (core as well as IT industry) and entrepreneurship are expected to improve. The training shall consist of different modules which may be given in one go to all third-year (pre-final) undergraduate engineering students at the end of 6<sup>th</sup> Semester or may be given in parts (after second and third year summer examination). The broad objectives of the training shall be as given below:

- a) Enhance student's approaches to learning from instruction in Employability skill training which are required for working in industry particularly for solving novel problems by becoming more skilled readers, note-takers, and strategic learners.
- b) In this entire document; Employability Skill development Training should be read as:- combination of Employability skill Development classroom interaction between the subject expert and Engineering graduating students with access to digital-online employability skill development tutorials and assessments on the Training provided.
- c) Expand their toolbox (of methods) to solve problems by becoming more skilled at explicitly thinking about their reasoning processes, and developing strategies that work for them.
- d) The ultimate goal is that students generalize these methods and process to other applications and transfer them to other quantitative problem-solving courses and independent work.
- e) Develop systematic methods for learning from problem sets, including: how to apply and transfer conceptual knowledge; identify common obstacles and errors; and contextualize individual problems within the themes and concepts of the course.
- f) The course work shall cover Quantitative aptitude, Logical reasoning, verbal aptitude, Personal interview & resume writing.
- g) All other relevant skills to be imparted to enhance managerial, communication, team work, leadership, entrepreneurial & technical capabilities of graduating engineering students.

**2. An outline of the tasks to be carried out:** The participating institutes are from focus states i.e. North East (15), J & K (4), HP (4), UP (16), Bihar (7), Chhattisgarh (4), MP (7), Uttarakhand (7), Jharkhand (4), Odisha (5), Rajasthan (11), and Andaman & Nicobar (1). The service provider has to provide training to the pre-final / final year undergraduate students studying in Government and Government aided institutions (numbers indicated in brackets) from participating States in the project on the subject details given in para 8. The list of institutes is given in **Annex-1**.

The course contents for employability skill training should be so designed to achieve following qualitative objectives.

- To impart to each student broad skills of Learning to learn, learning to think and learning to live.
- To reinforce core values of integrity, respect for all, and care for environment
- To function as a resource centre for knowledge management and entrepreneurship development in the emerging technologies.
- To establish close linkage with industry to make teaching and research at the institutes relevant to the needs of the economy, at national and global levels

The service provider/consultancy agency has to cover following premium learning tools while delivering the contents:

- a. Providing learning (study) material online/ offline before commencement of training.
- b. Powerful learning opportunities from subject experts (Guest lecture) who are not available locally in towns & cities where institutions are located.
- c. Interactive technology enabled online tutorials
- d. The opportunity to work and learn at a custom, personalized pace - regardless of whether or not the student is a "challenged" or "accelerated" learner in the classroom.
- e. The environment (for eg. MOODLE) to ask whatever questions he/she wants in order to accomplish his/her learning goals.
- f. Track achievements and progress with easy-to-use measurement tools.
- g. Face to face training in the selected institutes as per the schedule to be furnished by institutions.

### **3. Schedule of task**

Schedule for the training shall be mutually decided by the institute (client) and service provider based on academic calendar/ activity of participating students. The training is expected to impart following skills to pre-final year engineering under graduate students.

1. Entrepreneurial/innovation skills
2. Managerial skills
3. Leadership skills
4. Communication skills
5. Team working skills

The service provider/ consultancy firms have to prepare appropriate training modules corresponding to each one of the above skills so as to make students industry ready enabling him/her to get placement.

### **4. Support and input provided by the client:**

#### **a. Client (participating college) responsibility:**

1. Shall provide number of batches and the list of students of participating in the training.
2. Shall provide infrastructure like auditorium, seminar halls, internet facility, photocopy machine, attendant and team of faculty for coordination.
3. Coordination shall include making students attending program, monitoring of attendance, collecting feedback of students, arranging weekly review meeting with head of institution, facilitating for getting accommodation, transport, working lunch to resource person etc.

**b. Service Provider's responsibility:**

1. The empanelled agencies shall be responsible for catering to the institutions included in Annex-1. The denial shall invite action to the extent of withdrawal from panel.
2. Service provider has to provide detailed schedule of breakup for each of the appropriate modules covering the different skills mentioned in this document.
3. Batch size shall be 40-60 students.
4. Multiple subject experts shall be provided by mapping their specialization with the modules to be delivered for each batch.
5. Each module must be supported by online tutorials which must be available for every registered student on 24x7 basis till the end of his graduation.
6. Benchmarking test shall be conducted for the students enrolled for the training program before commencement of training. Every such student shall be evaluated periodically for the modules completed.
7. Each module must be supported by online assessment module.
8. Inviting student feedback, taking corrective actions for further improvement.
9. The training shall be conducted preferably during Summer/ Winter vacation or as agreed mutually with the institution for pre-final year students.

**5. Final output required of the consultancy organization**

The final output must match with the course objectives mentioned in para 1 & 2 above.

1. The technical graduates to whom the training shall be imparted will become more employable (increase in placements) and synchronize themselves for various needs of the industry.
2. The final assessment shall be done by service provider using the same assessment tool which was used for benchmarking (0<sup>th</sup> test).
3. The final assessment shall result into at least 30 % improvement in case of every individual student after training. It is possible only after periodic assessment and timely corrections in the methodology/ mechanism.
4. Annual increment of at least 10 % (per round) in number of students who are able to clear the rounds conducted by the hiring company like quiz, GD, PI, etc. from the respective institute.

**6. Composition of review committee**

1. The institute shall constitute Review Committee which will consist of at least three members. The Review Committee may contain 1 faculty from each department whose students are participating in program.
2. Review Committee may have representative of service provider and student representatives.
3. Review Committee shall meet on weekly basis and discuss coverage of content, student feedback and take corrective action appropriately.
4. The final settlement of training fee shall depend on the basis of satisfactory performance in view of student feedback and student performance.