

YMCA UNIVERSITY OF SCIENCE AND TECHNOLOGY

Faridabad, Haryana

Expression of Interest are invited

for

**Package : UGC-NET Training (TEQIP-III/HR/ycma/34) under
TEQIP-III**

Last date of submission of Expression of Interest (EoI) :-

04.09.2018 up to 04:00 PM.

Note: -

1. This Document contains “Expression of Interest for Consultancy Services for **UGC-NET Training** and “Terms of Reference (ToR) for **UGC-NET Training**.
2. Total 09 Pages are in this document including cover page, Please read all the pages carefully

TEQIP Coordinator



YMCA Institute of Engineering Faridabad
YMCA University of Science & Technology, NH-2, Sector-6, Delhi-
Mathura Road, Faridabad - 121006, Haryana, Haryana

**Technical Education Quality Improvement Programme[TEQIP]-Phase III
Consultancy Services for UGC-NET 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 UGC-NET 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 " **UGC-NET Training for 2018-19**" and may obtain further information about the services, procedures for submitting the EOI Terms of Reference (ToR) etc. <http://www.ymcaust.ac.in/index.php/tenders-teqip3>

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 04.09.2018 up to 16:00Hrs

YMCA Institute of Engineering Faridabad
TEQIP Coordinator
**YMCA University of Science & Technology, NH-2, Sector-6, Delhi- Mathura Road,
Faridabad - 121006, Haryana, Haryana**
Tel: **01292310176**
Fax: **01292242143**
E-mail: **teqip3@ymcaust.ac.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 [*brief description, organization, implementation period...*].¹

Consulting Services: **UGC-NET Training**

Brief Description: **UGC-NET traing for Post Graduate student**

Organization: **YMCA Institute of Engineering Faridabad**

Implementation Period: 2018-19

The **YMCA Institute of Engineering Faridabad** 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

- i. The organization's annual turnover should not be less than Rs25 Lac per annum during each of the last three years.
- ii. The organization should have minimum 10 regular employees working on.

- iii. The organization should have completed at least three projects of similar nature in past five years.
- iv. The organization should have relevant experience in geographical region.

Interested consultants may obtain further information at the address below

**YMCA University of Science & Technology, NH-2, Sector-6, Delhi- Mathura Road,
Faridabad - 121006, Haryana, Haryana.**

Expressions of interest must be delivered to the address below by , .

YMCA Institute of Engineering Faridabad

TEQIP Coordinator

**YMCA University of Science & Technology, NH-2, Sector-6, Delhi- Mathura Road,
Faridabad - 121006, Haryana, Haryana**

Tel: **01292310176**

Fax: **01292242143**

E-mail: **teqip3@ymcaust.ac.in**

¹ The intent is to enable potentially interested consultants to decide whether or not to prepare an expression of interest.

**TERMS OF REFERENCES (TORs) FOR INVITATION OF EoIs FOR
Empanelment of service Provider/Consultancy Agency/Institutes for Providing “UGC NET
Training” to students in the TEQIP-III Institutions**

The purpose of this EoI is to identify an agency preparing 1st & 2nd year students (Post Graduate engineering courses) by imparting required training for preparing them for UGC NET. The focus of providing this shall be to polish their conceptual skills, help them qualify in UGC NET and enhance their employability.

1. The service provider/consultancy agency has to impart necessary top up teaching on UGC NET covering basic courses, core courses and advanced courses related to each of the disciplines as per the curriculum and format for the UGC NET examination announced for that particular year. The performance of the student in UGC NET examination in terms of achieving qualifying score is expected to improve. The training/ teaching shall consist of different courses which may be given in one go to all First year and final year interested postgraduate engineering students in the semester breaks or may be given in parts. The broad objectives of the training shall be as given below:

- b) Enhance conceptual knowledge of students in particular course/ disciplines through instructions particularly for solving novel problems in the respective area.
- c) Enable to apply the knowledge in different applications and expand their toolbox (of methods) to solve real life problems by becoming more skilled (technical) at explicitly thinking and applying processes.
- d) Improve thinking skills to generalize as well as standardize the methods and concepts to other applications.
- 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 all the subjects as per the curriculum declared for UGC NET of that particular year.
- g) To provide proper resources to the students to enable them for better preparation for UGC NET and increase the number of UGC NET qualifiers.

UGC NET is considered to be the standard examination conducted not only for post-graduation admissions but also to open the UGC NETs for lucrative opportunities in several public sector enterprises and research organizations/PSUs (IOCL, ONGC, ISRO, NTPC, BHEL, IGCAR, BARC etc.). Based on the score achieved in UGC NET, PG admissions are offered in IITs, IISc, NITs, and state engineering colleges and abundant opportunities for campus placements with handsome salary packages. Candidates on qualifying UGC NET, get a financial aid in the form of UGC/ AICTE scholarship.

2. **An outline of the tasks to be carried out:** The service provider has to provide training/ teaching to the pre-final / final year Post-graduate students studying in Government and Government aided institutions from participating States in the project on the subject details given in this document.

The course contents for UGC NET training shall be based on the curriculum declared for UGC NET every year. 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/ tests.
- 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 agency is expected to cover complete UGC NET syllabus for following disciplines of Post-graduate programs.

1. COMPUTER SCIENCE AND APPLICATIONS.
2. ELECTRONIC SCIENCE.

The tentative topics to be covered under each of the disciplines depend on the curriculum of UGC NET for that examination,

The service provider/ consultancy firms have to provide appropriate faculty corresponding to each one of the subjects so as to make students understand the concepts and also enable him/her to apply the tool/ method for the given problem.

UGC NET 2018 Exam consists of Multiple Choice Questions and Numerical Type Questions in all papers & sections. The following are type of Questions:

a. Recall: These are based on facts, principles, formulae or laws of the discipline. The candidate is expected to be able to obtain the answer either from his/her memory directly or at most from a one-line computation.

b. Comprehension: These questions will test the candidate's understanding of the basics of his/her field, by requiring him/her to draw simple conclusions from fundamental ideas.

c. Application: In these questions, the candidate is expected to apply his/her knowledge either through computation or by logical reasoning.

d. Analysis and Synthesis: These can be linked questions, where the answer to the first question of the pair is required in order to answer its successor. Or these can be common data questions, in which two questions share the same data but can be solved independently of one another.

e. Common Data Questions: Multiple questions may be linked to a common data problem, passage and the like. Two or three questions can be formed from the given common data problem. Each question is independent and its solution obtainable from the above problem data/passage directly.

f. Linked Answer Questions: These questions are of problem solving type. A problem statement is followed by two questions based on the problem statement. The two questions are designed such that the solution to the second question depends upon the answer to the first one. In other words, the first answer is an intermediate step in working out the second answer.

g. Current Applications: These questions are of problem solving nature based on current applications that could be solved by having a good knowledge of the applications such as new technologies.

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 project institution. 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 40-50 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 post 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/final year students.

5. Final output required of the consultancy organization: To train all the aspirant on proper preparation for UGC NET and provide them various resources like study material, access to the online videos, access to the all India Test Series, etc. and increase the number of UGC NET qualifiers with the help of coordinators from college.

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 (0th 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. At least 30 % of the students taking UGC NET training qualify UGC NET 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.