



त्रिभुवन विश्वविद्यालय
Tribhuvan University
इन्जिनियरिङ्ग अध्ययन संस्थान
Institute of Engineering

थापाथली क्याम्पस
THAPATHALI CAMPUS

Educational Management Information System Unit
शैक्षिक ब्यवस्थापन सूचना एकाई

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गोश्वारा पो.नं. २८०, थापाथली, काठमाडौं

फोन: ४२४६४६५, ४२४६३०७, ४२१८३००

फ्याक्स: ९७७-४२४७३४०



Date: 06 August, 2020

Call for Proposal

Institute of Engineering, Thapathali Campus has been disseminating information through its official website www.tcioe.edu.np. The campus offers seven bachelor courses and three master level courses in different area of engineering which are run by six different departments. The campus is planning to develop subdomain for each department so our students and other stakeholders would easily get required information regarding the departmental activities and resources.

In this regard, all the students of Thapathali Campus are encouraged to make group of at least two and submit a proposal for subdomain development. Please note that this is a volunteering work but it would be a good exposure to handle the real-life project and EMIS unit would guide the selected group throughout the project.

Submission Deadline: 20th August, 2020

Submission via email : info@tcioe.edu.np or rbastola@tcioe.edu.np

Note: The project detail and technical/functional requirements are provided in following pages.

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Asso. Prof. Shanta Maharjan

HEAD

Educational Management Information System (EMIS) Unit

Request for Proposal

Project Name: Web Development for Subdomain of tcioe.edu.np

1. Project overview

Institute of Engineering, Thapathali Campus has its official website www.tcioe.edu.np.

The campus has six different departments which run seven bachelor level programs and three master level programs. To disseminate the department's information property, the campus is planning to develop subdomain for each department.

The campus is willing to engage students to develop the dynamic web in cooperation with EMIS unit of the campus. This would be a good exposure to students to work in real project. Students of Thapathali Campus from any department or level can make group of at least two students and apply for the web development.

2. Project Goals and Target Audience

The main goal of the project is to develop user friendly website for each department of the campus which would be integrated as subdomain of the campus official website www.tcioe.edu.np

The target audience of this project are students, teachers and other stakeholders who need information about the particular department.

3. Project Scope and Deliverables

The scope of the project includes the following function requirements:

- Requirement Gathering and Analysis
- Graphics Design
- Process Design
- Database Design
- System Deployment
- Testing & QA
- Training & handover

The functional requirements of the project are listed below:

- HOD and DHOD Messages

- Brief Introduction of departmental with short history, current condition and Departmental mission, vision, 5-year strategy plan and activities.
- other information of department such as
 - Student capacity
 - Teachers and staff's short description and duty
 - Existing classrooms, teachers and staffroom, presentation hall, labs and workshops
- Academic Activities and extra activities (seminars, workshops, teachers and student's informal /formal trainings)
- Almunae & its activity departmental wise, student's society and its activity departmental wise, brief details of all pass-out students
- Key post (HOD/DHOD, coordinators, photo and time period of working), Former HODs, D-HODs, Coordinators list with their working period in history
- Voice of selected students and key students list of current achievements
- Research work by student teacher and staff, further plan on research works, publication, list of research works done in departments
- Performance-pass-out list, pass out numbers, graphs of results, distinguished achievements
- Downloadable Old questions and Syllabus
- Softcopy of project work and Thesis
- Departmental comments and suggestion box
- Batch wise students name, address and e-mail of TU
- Other information which the department or section thinks to be included in website

4. Technical Requirements

As the project would be deployed as subdomain of the existing website, it should be developed in PHP language and MYSQL or MariaDB for database. Further technical requirements are listed here:

- Dynamic website
- Implementation of MVC framework
- Admin panel with proper security implementation
- Use of CSS similar to the main domain
- Use of open source software

5. Target deliverable schedule

The interested applicants are requested to submit their work schedule along with their application. The maximum duration of the project is two months from the date of agreement.

6. No Budget

Campus has not allocated budget for this work. Please note that this is a volunteering work and **Volunteering** helps career growth.

7. Point of contact

Please contact EMIS unit of the Campus for any technical help and other issues related to the project.