GOVERNMENT OF ANDHR PRADESH

Office of the
Director of Technical Education
Andhra Pradesh::Mangalagiri.

Cir. Memo.No. IT-Cell/WSDC/2023   Dt.06.02.2023

Sub:TECHNICAL EDUCATION- Institute Website Design Competition –
Entries called for -Reg.

Ref: As per the instructions of DTE dated 09-01-2023

The attention of the Principals of Govt Polytechnics to the subject cited and informed that the Department of Technical Education announces "Institute Website Design Competition" and invites Staff and students to demonstrate their best creative website designs. Submissions are expected to consist of one Institute Website design. The websites should possess an aesthetic look and feel with good colour combination, background, structure and layout. The Institute Web sites should contain the institute's logo. The design is expected to be modern and user friendly with easy to navigate features and easy to use functions in web sites.

Requirements for the Submission:

This Competition is mainly for students and Staff of Government Polytechnics in A.P. The Group submissions are allowed, from groups with a maximum of 3 to 5 members (combination of staff and students). The entries are to be submitted to mail ID:itocodteap@gmail.com on or before 20.02.2023. The evaluation of Institute website project will begin from 31.03.2023 onwards. The teams are required to demonstrate their projects as per the date(s) which will be intimated at later date and the date of declaration of result will be intimated accordingly.

The participants are also need to follow the prescribed format given below.

Institute website design:

1) A Website illustrating various components and layout/feel of the homepage including menu items, submenu items, etc. should be provided.

2) Documentation (maximum 20 pages in .pdf format) explaining the design principles, advantages of a particular page layout and visual features and the technical aspects of the design.

3) Concept video (maximum 2 min in .avi or .mp4 format) showing how the website is used explaining transitions across various pages for the websites.

4) Each submission must clearly mention the names of the individual or group members.

Instructions and Guidelines:

The following Points are to be kept in mind for the website design.

1. Only respective Polytechnic website must be created.
2. The design should be suitable for computer screens, tablets and mobile phones.
3. Wordpress, wix or any non-programming content management systems cannot be used.
4. The following Front end technologies can be used
   a) html
   b) Css
   C) javascript
   d) Angular.js
   e) React.js
5. The following Backend technologies can be used
   ➢ Python
   ➢ Java
   ➢ Php
   ➢ Node
6. The web site should have the following functionalities
   a) Admin login: Such that each college can upload own data.
   b) Proper forms can be created such that data can be viewed in front end.
   c) Latest RDBMS (Oracle 14G, My SQL and Postgress) can be used for persistence of data.
   d) Retrieved data cannot be hard coded.
   e) Create website that is in different format than usual.
   f) Website must be generic such that it can be replicated.
   g) Proper domain name selection.

h) Search Engine Optimisation (SEO) for better website traffic mamagement

i) Responsive website.

j) API Integration with best API mappings like Google Maps.

k) Give a feel that the page is made for the specific user that all relevant information is available

l) Have more and better visual appeal

m) Be more comprehensive and user-friendly in terms of information provided

n) The annual reports available on the website, is a good resource for ideas.

7. Website must be hosted.

8. Ensure that the submission does not use any copyright-infringing material or any logo without permission by the entity which holds the rights for its use.

9. All content must be belong to respective group, or respective participants should have the right to use and license it. Nobody should post photographs of people without permission. Participants may use the content available (without editing photos, documents, logo, etc.) on the website only for the purpose of this submission.

10. By submitting a design for the contest, the group/participants agree to transfer the copyright on the design to Department of Technical Education.

Prizes: The winning entries will be felicitated as below.

- First Prize(only one): Rs 50,000/-

The decision of Department of Technical Education on the results of the competition would be final and binding.

Therefore all the Principals are requested give vide publicity on the above competition and kindly assist your staff and students as and when required for these competitions as you always do.

Sd/-C.NAGARANI
DIRECTOR

To
The Principals of Govt Polytechnics.
Copy to the RJDTE, Tirupati and Kakinada

Deputy Director(Tech)