

**UDK 004.5**

**CONSTRUCTION OF EDUCATIONAL SITE  
«SYSTEM ANALYSIS AND THE THEORY OF DECISION  
MAKING»**

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DECISION MAKING, SITE, SYSTEM ANALYSIS.

**Problem Statement:** The development of a computer-based information system includes a systems analysis phase. This helps produce the data model, a precursor to creating or enhancing a database. Definition of a goal or set goals. Identification of alternative ways of goal achievement, Distance learning or electronic learning is essential nowadays and electronic manuals are tools for distant learning. Therefore the reason for creating electronic educational manual in systems analysis and decision making theory. Creating of a site that is readily accessible to users and using the WordPress as the platform. The site must consist of the homepage, which lay out the general view of what the site is talking about. The site must contain pages where all educational information is embedded. Importantly also the practical works relating to the site creation should be made visible in the pages referring to lectures. In the creation of the site the WordPress was the platform for the creation and this allows user to make modifications at will. The PHP and Java language should be incorporated and plug-ins which will enable the proper functioning of the site must be used. Plug-ins that allow for the use of social networks like facebook, twitter, g+, etc. should be used. Forums should be created which will allow users to make contributions and leave comments.

**Analysis of the main researches and published works:** Consulting different online educational portals it is clear that educational portals can be very effective in the studying process. Different timeline, study schedules. Subjects and courses can be taken when one deems necessary and when one feels possible to take

them. This system is mostly effective for individuals with very hectic schedules with their jobs or other things, avoiding the issue of environmental challenges and integration also reducing the cost of study. Some of the challenges faced by the educational portals is that for the fact that students are not on site on campuses, it does not provide the social and cultural integration of students because students need to be physically present in a particular environment to be able to achieve this.

**Formulation of the Purpose:** The purpose of this outline is to show how educational internet portal was created and its use as a tool of learning in system analysis and the theory of decision making. To show steps in the creation of the educational portal. Using different learning tools and materials (lectures) and practical application in creating the educational site.

**Presentation of the main material of the research:** Using the Wordpress application, we created an educational site to reflect the system analysis and the theory of decision making. As a result themes chosen are related and could point in the direction of the project work. WordPress Themes are files that work together to create the design and functionality of a WordPress site. After that on the homepage of the WordPress website the plug-in can be found, clicking on it will open a three menu “the installed plug-in”, “add new” and “the editor”. On clicking on “the add new” you can add new plug-in that are desired to the website.

To add the material to the website (lectures) it is necessary to click on page and it will display two icons “the all page” and “the add page”. On clicking on “the add page” a new window page will be displayed and a title space is provided where it is necessary to write the title of the page. To add the materials to the site it is needed to copy and paste them on the new page.

After the above-mentioned steps to publish the page, “publish” button must be pressed and the page is automatically added and can be viewed. The same process is repeated until all the required pages are added.

**Conclusion:** The decision analysis field has often encountered difficulties in transforming theoretical ideas into practical decision support tools. However, the decision support systems developed in the laboratory have also been widely and successfully used, for

example, in real life environmental problem solving. As a result of the masters project the educational site “systems analysis and the theory of decision making” was created. We can apply combinatorial precision on our field of study with the use of website created. It showed how we can apply the theoretical elements to practice on our studies even when we are not physically present within the four walls of the learning institution.

### ***References***

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