

## THE DESIGN OF THE BUILDING FOR DIDACTIC IN THE TISSUE DOWNTOWN RZESZOW

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Faculty of Arts, University of Rzeszow as a place where art is created, a kind of melting pot experiment and new ideas. Contact modernity and tradition, the continuous process of creation and development of thought interact not only in the same university. Contribute to society in the scale of the city, the region and the whole country. Art School is to help students develop their skills and knowledge, awareness of both their own individuality, and finding them as members of different groups in society. Among the objectives of arts education the emphasis is on creativity, often associated with its importance for innovation. The aim of the project was to create an architectural concept in software space – the building of the Faculty of Arts, University of Rzeszow. The added value is to create new tissue cultural – entertainment in the city center of Rzeszow. The proposed facility is close to the existing perspective-traffic and diversifies the current development of this part of downtown Rzeszow. The source of inspiration for the form of the building was the composition of 1919 -"Lozenge: Color plans", Piet Mondrian, the Dutch painter, the greatest creator and pioneer of geometric abstraction in painting. The project refers to the land by the proportions of the building and the layout of its environment.

**Key words:** art, architectural design, building, downtown Rzeszow.

Факультет мистецтв університету міста Жешув це місце, де мистецтво створюється, свого роду експериментально і з нових ідей. Зв'язок з сучасністю і традицією, безперервний процес створення і розвитку ідей взаємодіють не тільки в університеті. Внесок у розвиток суспільства в масштабах міста, регіону та країни в цілому. Художня школа має допомогти студентам розвивати свої навички і знання, зрозуміти і власну індивідуальність, і знайти їх в якості членів різних груп у суспільстві. Серед цілей мистецтва головним акцентом освіти є творчість, часто пов'язана з його важливістю для інновацій. Мета проекту полягала в розробці концепції архітектурного простору програмного забезпечення – факультет мистецтв будівництва в університеті міста Жешув. До даної цінності можна також додати створення нових культурно – розважальних місць міста Жешув. Джерелом натхнення для вигляду будівлі являється собою композицію з 1919 р – "Lozenge: color plans", Piet'a Mondrian'a, голландського художника, найвідомішого творця і піонера геометричної абстракції в живописі. Проект відноситься до пропорції планування будівлі та його околиць.

**Ключові слова:** мистецтво, архітектурне проектування, будівництво центру міста Жешув.

### Faculty of Arts as a place to create new thoughts and ideas

Art, closely associated with the creation, has always been accompanied by an innovative mind space. Faculty of Arts, University of Rzeszow as a place where art is born, it is a sort of melting pot of experimentation and new ideas. Contact novelty and tradition, the continuous process of creation and development of ideas pay off not only for the university. The building will make an invaluable contribution to society heritage in the scale of the city and the whole country. The education system is seen as preparing

young people for life in an increasingly uncertain world. Art School is to help students develop their skills and knowledge, awareness of both their own individuality, and finding them as members of different groups in society. It is also important to encourage students to develop different skills and interests, so that they become more creative. Pressure is getting stronger emphasis to art education in addition to teaching the art for the performance of other purposes. Young artists in addition to the development of artistic skills and knowledge, they should be able to participate in various forms of art creation and sharing of artistic experiences with others. The aim of this development is shaping the future of artists in sophisticated art creators and consumers of art, which are expected in the results of social and cultural activities. They should have the confidence and self-esteem, individual expression and the ability to work in a team. It is also required them to participate in the culture and nurture its heritage. Among the objectives of arts education the emphasis is on creativity, often associated with its importance for innovation and cultural education for both individual identity and promoting intercultural understanding. To achieve the above assumptions, enough space will be creating for young artists. The space will be design as a new headquarters department as a place to create new thoughts and ideas.

### **Concept and space – the building of the Faculty of Arts, University of Rzeszow**

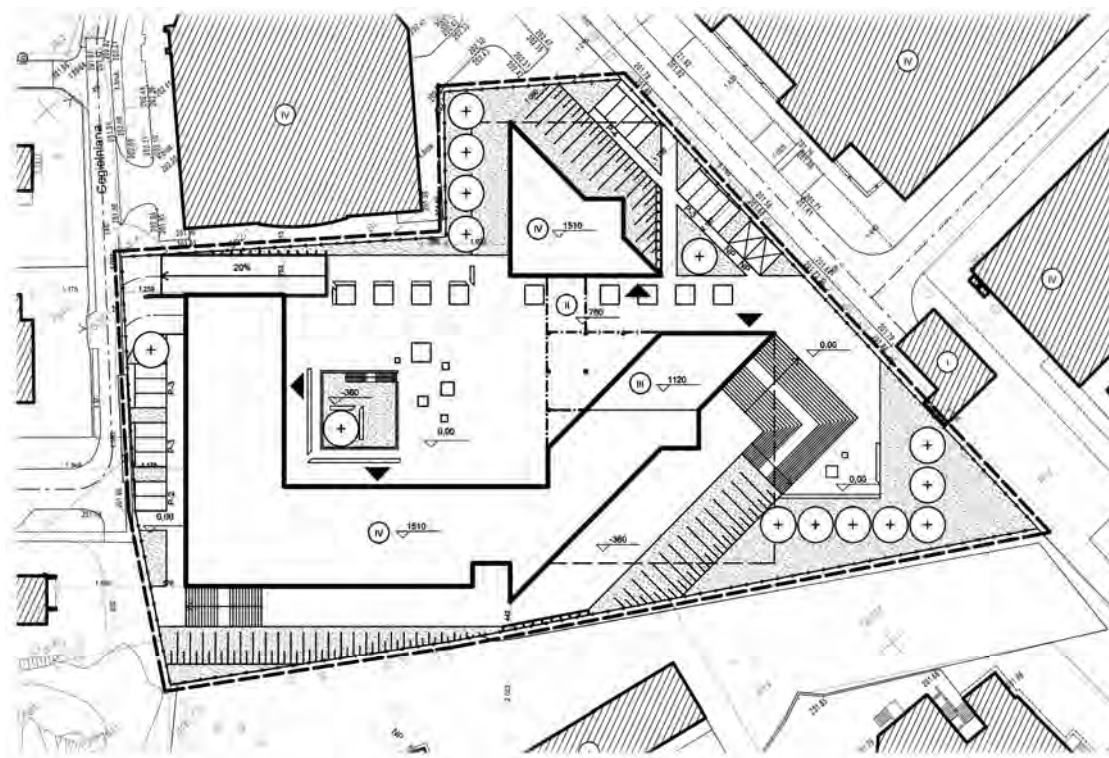
Faculty of Arts is one of the eleven faculties of the University of Rzeszow. It was created in 2005 following the restructuring of the existing Institute of Fine Arts component of the Faculty of Education. Independent Art Department is currently based in Krasne village. It educates students on courses belonging to the teachings of the fine arts. The aim of the project was to create an architectural concept in software space – the building of the Faculty of Arts, University of Rzeszow, which is used primarily for teaching purposes. The added value is to create a body of cultural – entertainment in the city centers of Rzeszow, where it will be possible organization of mass events and outdoor exhibitions such performance. Designed space is to encourage education and the expansion of regional awareness of people not only in the vicinity of Subcarpathian region, but also from all over the country. The building is designed to be implemented in its buildings downtown Rzeszow.

### **The localization**

It was located at Cegelniana Street, allowing the development of the university center created by the existing facilities and Rzeszow University School of Law and Administration. Software developed area is located in the city center in a lively area of which they are the objects that are not only academically, but also retail – service, such as the Millennium Hall, Hala Podpromie, Hotel Presidential, the building of the Polish Television and the newly designed objects Capital Towers. It is a location that combines the proximity of recreational areas (river embankments Wislok) with quick and convenient transport to the city center. Urban context outlined above to a large extent determined the form of the proposed facility. To actually enter into the environment, adapted to the existing building line, complementing and integrating it. Also referred to the scale of the environment, giving the university the amount corresponding to the four floors, above-ground (object also has two basement levels). The proposed facility is close to the existing perspective-traffic and diversifies the current development of this part of downtown Rzeszow. Analyzing the environment in the context of the entire city and the region, it can be assumed that as the capital Rzeszow province should be "the essence of Subcarpathian" not only as a center of service – commercial, but also in terms of culture and art. Following this line of reasoning, and taking into account the real needs of higher education designed facility that will educate future artists and will have a space to freely create cultural life.

### **Architectural design of the building**

In Rzeszow that element was over the years has been in run-down. Untapped potential site because of the location of the area leaves a lot of freedom in its ability to create space for artistic activities that will not only closed enclave for a select group of people, but to open up and "invite" the inhabitants of the city to participate in artistic events and exhibitions.



*Fig. 1. Master Plan of the Faculty of Arts, University of Rzeszow*

The source of inspiration to the form of the building was a composition of 1919 – "Lozenge: Color plans", Piet'a Mondrian, the Dutch painter, the greatest creator and pioneer of geometric abstraction in painting. The project refers to the land by the proportions of the building. The shape of the stairs, the layout of the fireflies in the courtyard, the composition of which is placed in the space of biologically active and paved areas also have the right character emphasizing the geometric form of the object. They are also different levels which varies the area is divided into zones and exposes the architecture of the university. That geometric simplicity by which forms the Faculty of Arts has a calm nature of the harmony of artistic, diverse in terms of light and shade facade.

Form and expression outside of the proposed building. The main entrance is to the east, "invites" students adjacent to the campus of the University of Rzeszow. It has not so much as urban architectural, because it creates a transition between two solids building. These are the clear door to the courtyard, the gateway to the "world of art".

The main assumption of the architectural design was to create a teaching facility with a clear structure and logic of the composition, allowing for the flexible and multi-use, and will enable the implementation of different artistic scenarios. At the same time he was closely tailored to the needs of teaching in the arts (proper lighting, appropriate solutions to the functional, technical), and responds to the needs of the Faculty of Arts, University of Rzeszow.

The shape of the line is not only the result of the author's interpretation of the above-mentioned inspiration, but mainly the result of two converging in the development of the line of buildings that form an angle of 45 °. The building consists of three mutually-connected parts, each of which has its own shape and spatial arrangement resulting from the shape of the object.

- First – teaching – workshop – is located in the south – western part of the plot, is shaped like the letter "L".
- Second – general representative – is located in the south – eastern part of the site development. It has a trapezoidal shape.
- And the third part – the administration – is designed in triangular and is located in the northern part of the plot.



*Fig. 2. The view of main entrance*

This division is the common denominator of the entire functional program of stories, even though each of them has a specific purpose relevant to software solutions.

The main criterion of functional solutions for creating the creative act is the maximum "flexibility". The result of this, a team of workers in the educational workshop is designed so that the space labs have the opportunity to connect and transform itself into a single chamber gallery exhibition. Of course, the solution adopted also assumes full flexibility with lower levels, assemble and secrete all or part of the workshop. Each room has a seating storage facilities, cloakroom and water intake. In all the workshops provided cranes. Lower level employees are also able to directly output the courtyard. Some representative is a buffer between the studios and the outside world. There is in it on each floor Foyer necessary. On the ground level there is also a dining area. The administrative part is symbolically separated from the other two. It was connected with the rest of the building on the third floor. The ground floor provides the Dean's Office and other offices support mainly students.

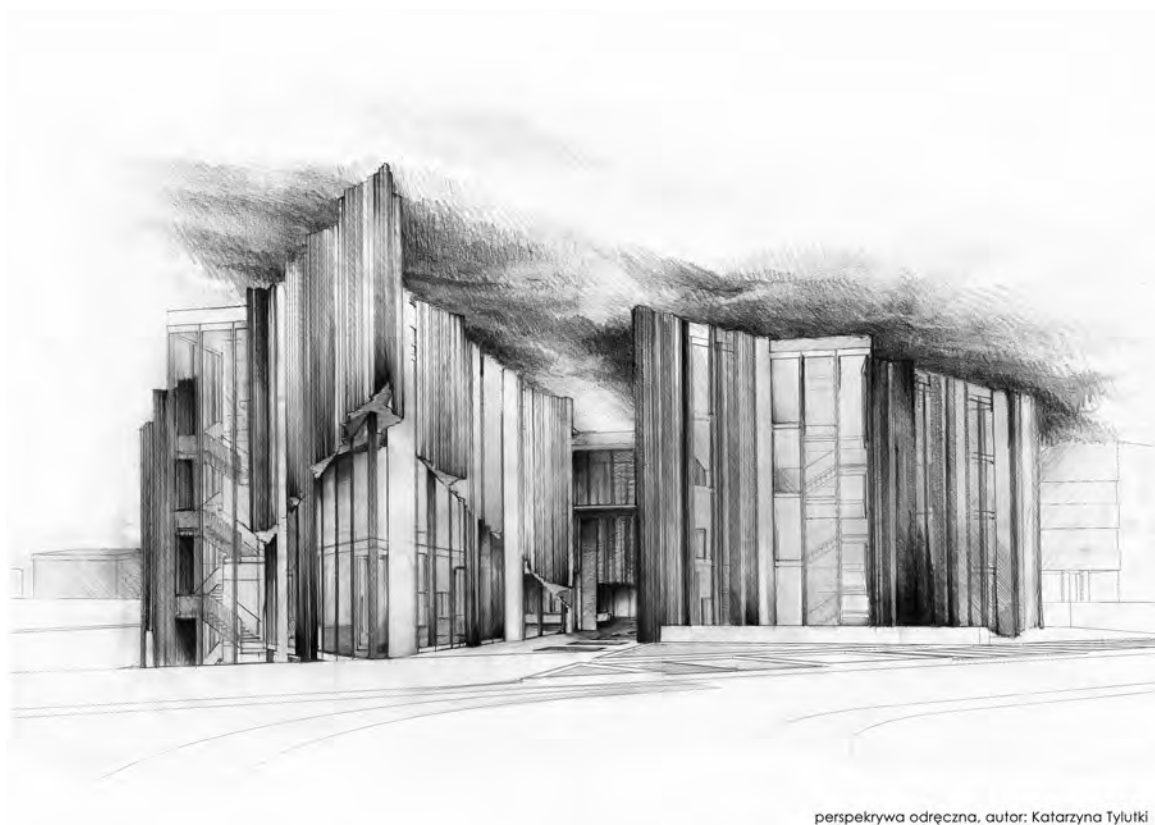
On the second floor in the teaching – workshop has a library, which is a two-level view of the art laboratories. The representative of the characteristic element is the assembly hall. On the second floor are part of the administrative offices of deans and a conference room for teaching staff. The result of these assumptions and the consistency of the presence of the project many of the rooms duplex, is the fact that on the third floor above ground part of the trail is a duplicate of the first level, while some representative takes over the second floor. The main difference is the presence of a representative batten connecting with

localized zone in the next section three with conference language learning. On the top floor above ground in the educational workshop are „Sacred Art Center” and drawing workshops. Part of this is connected with the space for free creative work of students and has the possibility to go to the observation deck, with a structural justification for underneath the lecture hall. The administrative part of this story was located offices of the teaching staff of the Faculty of Arts. A simple form and a clear functional arrangement complements complicated elevation of anodic aluminum panels, suitable building character sculpture. A clear division of property in addition to the above-described area also has a ground floor, workshop and studio complex technical facilities located concentrically around the green patio on the first floor underground. Designed and parking on the second floor for the 122 underground parking spaces. The consequence of the solutions software – space is a two-level external site. The building has space more accessible for all, and the inner courtyard, which is the heart of the band. Children inside a covering of classrooms and through its numerous perforations provide them natural light and visual contact between the levels of the building. The courtyard patio is located on the first underground floor, which for employees located at this level also provides lighting and recreational space. It is connected with the main courtyard. With multithreading space, create it on the plane two stories are more interesting, more varied, encouraged to stay in it. The courtyard is inspired and university agora.



*Fig. 3. The main courtyard – view*

Architectural design is not only an addition to the urban fabric. It is a response to the trend of the times which is the need to constantly improve skills. Continuous education of young people will give a direct impact on the development of urban agglomeration. This translates into a constant improvement of the national culture and art; meet the aspirations of the intellectual and personal gifted individuals. The natural development of society and the well understood programming factors create a situation of constant pressure on the need for young people to create educational opportunities at a higher level. This occurs throughout the world. Today's pace of training of staff with higher education is related to the natural rate of generation of income in the country. In the latter should precede the other. Contributing to education should be considered as investment works. National income creates education and its development, and the direction and size of expenditures associated with the parts business in the industry and the development of art and culture. Previous actions leading countries prove to us that it is worth investing in "human intelligence" because the future expenditures are repaid in two ways.



perspekrywa odręczna, autor: Katarzyna Tylutki

Fig. 4. Solid object. Freehand perspective. Author K. Tylutki

### Conclusions

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