

## ABSTRAK

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### **PENERAPAN *UNIVERSAL DESIGN* DALAM PERANCANGAN RUANG AKTIVITAS INKLUSIF DI SLB SEJAHTERA, BOGOR**

(15 referensi + 88 halaman: 48 gambar; 16 tabel; 1 lampiran)

SLB ABCD Sejahtera Bogor merupakan sebuah sekolah dengan pendidikan khusus untuk anak tunanetra, tunarungu, tunagrahita, dan tunadaksa. Sekolah ini sudah memiliki beberapa fasilitas khusus untuk anak berkebutuhan khusus, tetapi ruang-ruang tersebut belum memenuhi keamanan dan kenyamanan siswanya. Siswa perlu melatih kekurangan atau disabilitas yang mereka miliki untuk keberlangsungan hidupnya. Sekolah ini juga memiliki isu lain, yaitu kurangnya interaksi sosial antar siswa dengan disabilitas yang berbeda. Dari adanya 2 isu tersebut, penulis merancang ruang aktivitas inklusif pada sekolah yang berfungsi untuk mengakomodasi kegiatan adaptif yang dibutuhkan siswa berkebutuhan khusus serta untuk menstimulasi interaksi sosial antar siswa dengan jenis disabilitas yang berbeda. Perancangan ruang aktivitas inklusif tersebut memanfaatkan prinsip dan strategi *universal design* yang merupakan konsep desain yang memperhatikan kebutuhan ruang khusus penyandang disabilitas dengan mengutamakan keamanan, kenyamanan dan keselamatan mereka menggunakan ruang. Perancangan ini mengimplementasikan kriteria ruang aktivitas selain ruang belajar meliputi ruang terapi masing-masing disabilitas, ruang musik, *sensory garden*, *common area*, cafeteria, dan area olahraga dengan mengakomodasi kebutuhan masing-masing ciri disabilitas. Perancangan ini juga menghasilkan desain yang dapat menstimulasi interaksi sosial antar penyandang disabilitas pada *common area* dan cafeteria menggunakan prinsip *universal design equitable use, tolerance for error, low physical effort*, dan *size and space for approach*.

Referensi : 15 (2000-2023).

Kata Kunci : Disabilitas, Interaksi Sosial, Ruang Aktivitas, Inklusif, *Universal Design*

## **ABSTRACT**

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### ***APPLICATION OF UNIVERSAL DESIGN IN DESIGNING INCLUSIVE ACTIVITY SPACE AT SLB SEJAHTERA, BOGOR***

*(15 references + 88 pages: 48 images; 16 tables; 1 attachment)*

SLB ABCD Sejahtera Bogor is a school with special education for blind, deaf, mentally challenged and physically disabled children. This school already has several special facilities for children with special needs, but these spaces do not meet the safety and comfort of the students. Students need to practice the deficiencies or disabilities they have for their survival. This school also has another issue, namely the lack of social interaction between students with different disabilities. Based on these two issues, an inclusive activity space was designed at the school which functions to accommodate the adaptive activities needed by students with special needs and to stimulate social interaction between students with different types of disabilities. The design of this inclusive activity space utilizes universal design principles and strategies, which is a design concept that takes into account the special space needs of people with disabilities by prioritizing their security, comfort and safety in using the space. This design implements the criteria for activity spaces other than study rooms, including therapy rooms for each disability, music room, sensory garden, common area, cafeteria and sports area by accommodating the needs of each disability characteristic. This design also produces a design that can stimulate social interaction between people with disabilities in common areas and cafeterias using the universal design principles of equitable use, tolerance for error, low physical effort, and size and space for approach.

*Reference : 15 (2000-2023).*

*Keywords : disability, social interaction, activity space, inclusive, universal design*