

The background image shows a large, modern multi-story building with a curved glass section, identified as Telkom University. The building has a white and red color scheme. In the foreground, there is a calm body of water reflecting the building and the sky. A semi-transparent dark grey rectangle is overlaid on the upper part of the image, containing the main title. Below the title, a white horizontal bar contains the subtitle. The sky is clear and blue.

User Interface Disabilitas Sensorik (Buta Warna)

Pusat Teknologi Informasi - Universitas Telkom

Definisi Buta Warna

Buta warna adalah kondisi di mana kualitas penglihatan terhadap warna berkurang. Seseorang yang menderita penyakit ini akan sulit membedakan warna tertentu (buta warna sebagian) atau bahkan seluruh warna (buta warna total). Buta warna merupakan penyakit seumur hidup. Namun, penderita dapat melatih diri beradaptasi dengan kondisi ini, sehingga aktivitas sehari-hari tetap berjalan normal.



01

Jenis-Jenis Buta Warna



➤ Red-Blind / Pratanopia

Buta warna yang terjadi ketika warna merah hanya terlihat abu-abu gelap. Beberapa nuansa oranye, kuning, dan hijau terlihat kuning.

➤ Blue-blind / Tritanopia

Buta warna yang terjadi ketika warna biru terlihat hijau, dan kuning terlihat abu-abu muda dan ungu.

➤ Green-Blind / Deuteranopia

Buta warna yang terjadi ketika warna merah mungkin terlihat kuning kecoklatan, dan hijau mungkin terlihat krem.

➤ Monochromacy / Achromatopsia

Buta warna yang terjadi ketika seseorang tidak melihat warna sama sekali, atau dapat dikatakan hanya dapat melihat warna putih, hitam, dan abu-abu.



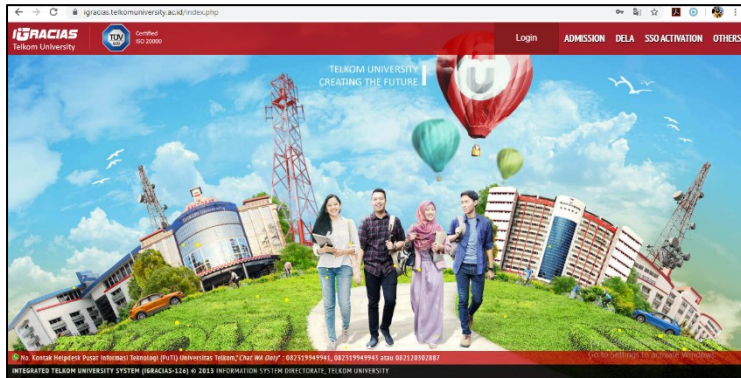
02

Dokumentasi Perbandingan

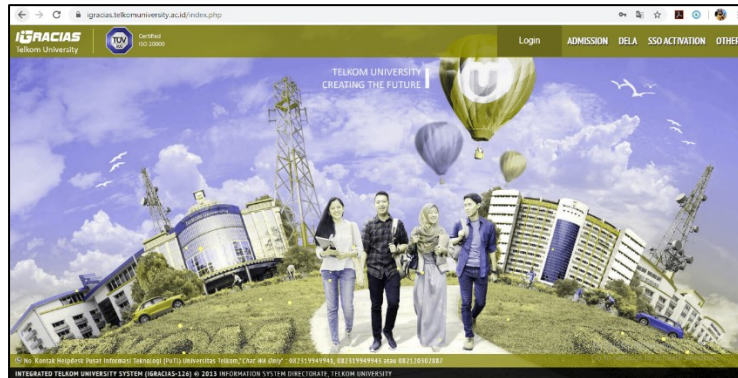


➤ 1. Aplikasi iGracias Halaman Depan

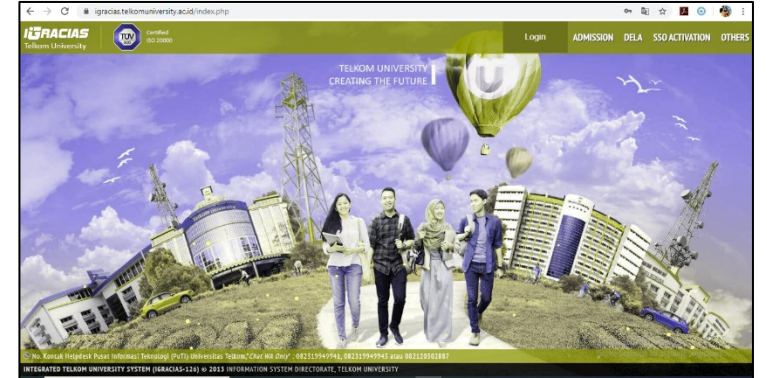
Normal Colour Version



Red-Blind / Pratanopia

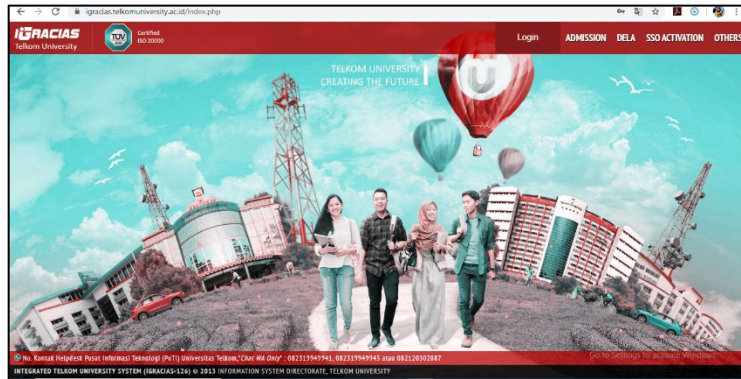


Greend-Blind / Deuteranopia



➤ 1. Aplikasi iGracias Halaman Depan

Blue-Blind / Tritanopia



Monochromacy / Achromatopsia

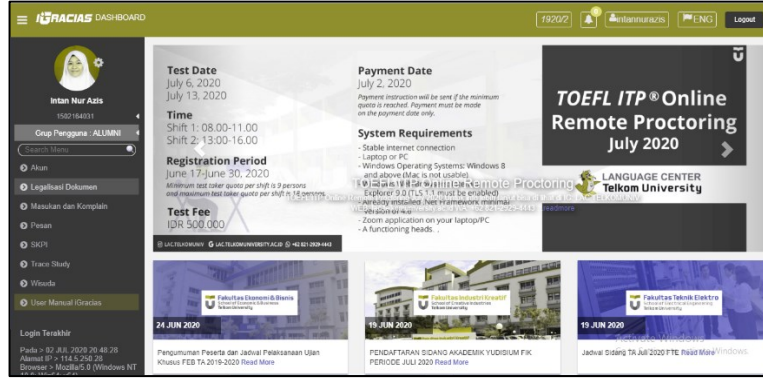
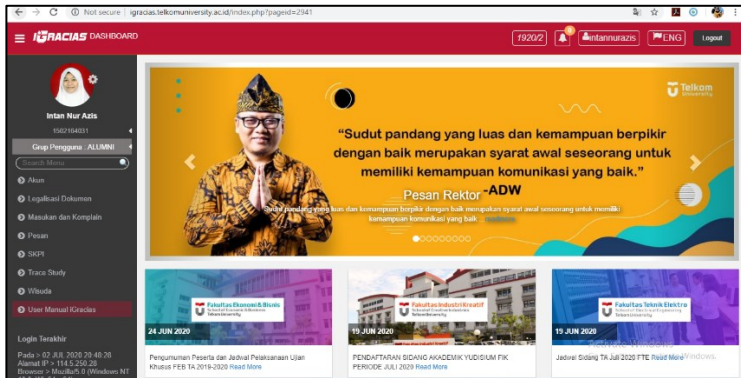


➤ 2. Aplikasi iGracias (Dashboard)

Normal Colour Version

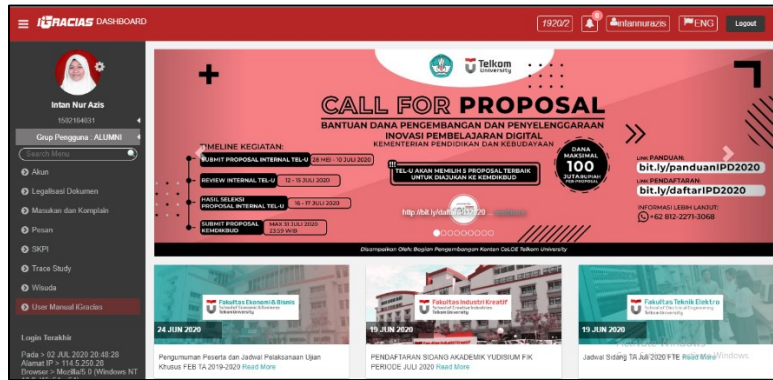
Red-Blind / Pratanopia

Greend-Blind / Deutanopia



➤ 2. Aplikasi iGracias (Dashboard)

Blue-Blind / Tritanopia

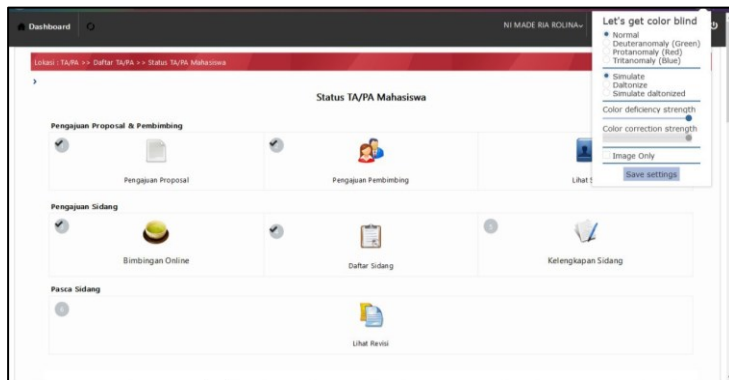


Monochromacy / Achromatopsia

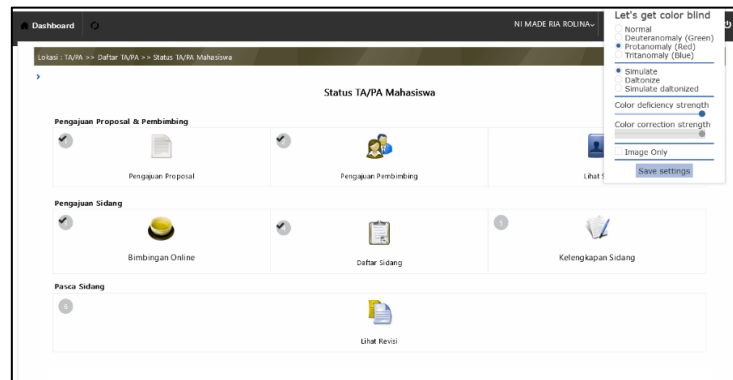


➤ 3. Aplikasi iGracias (Halaman TA/PA)

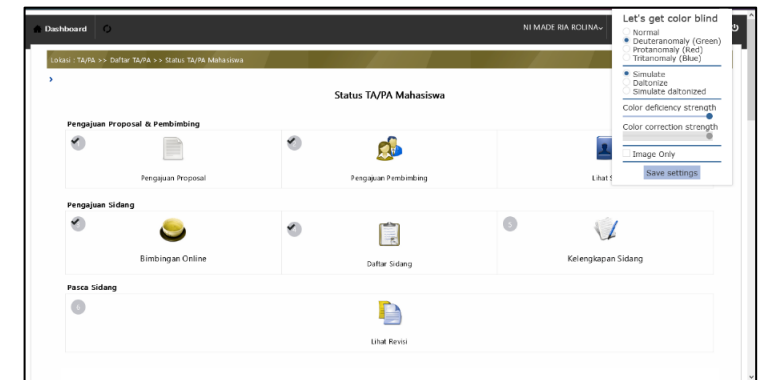
Normal Colour Version



Red-Blind / Pratanopia

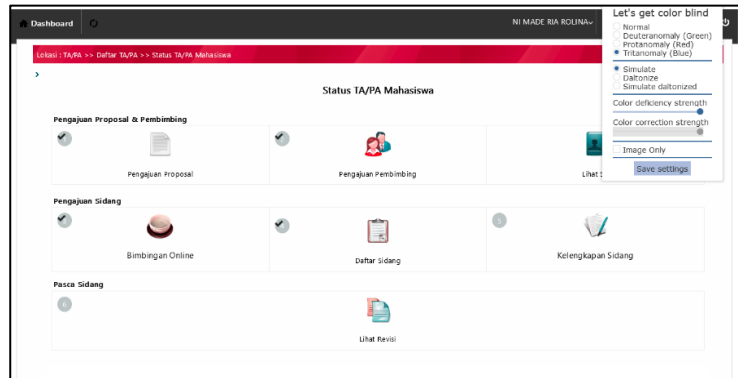


Greend-Blind / Deutanopia

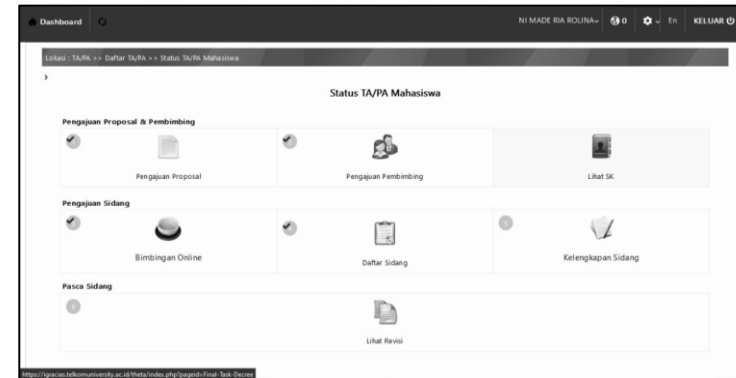


➤ 3. Aplikasi iGracias (Halaman TA/PA)

Blue-Blind / Tritanopia

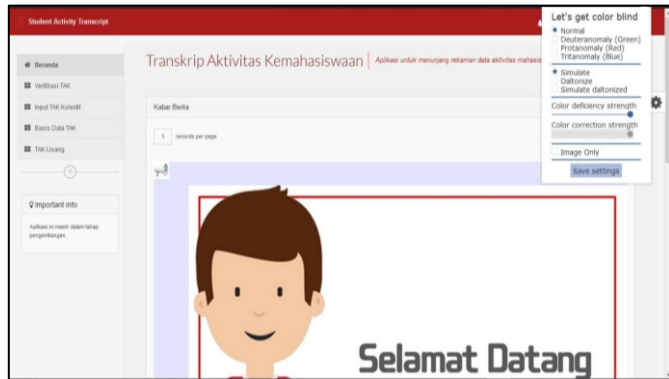


Monochromacy / Achromatopsia

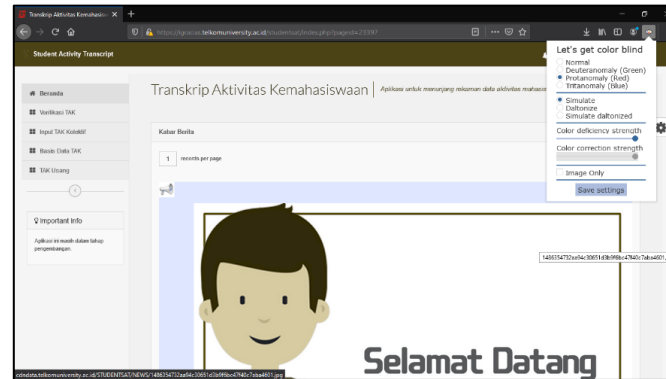


➤ 4. Aplikasi iGracias (Halaman TAK)

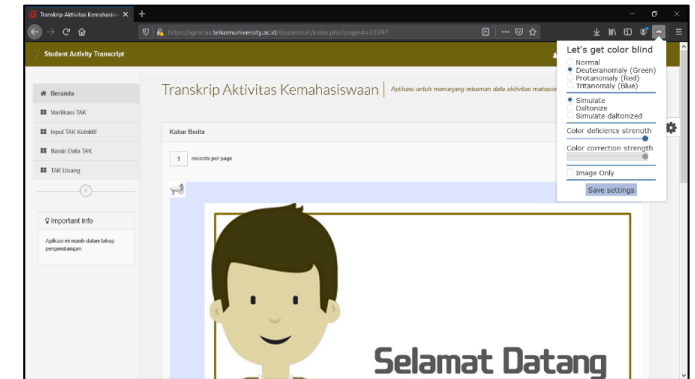
Normal Colour Version



Red-Blind / Pratanopia

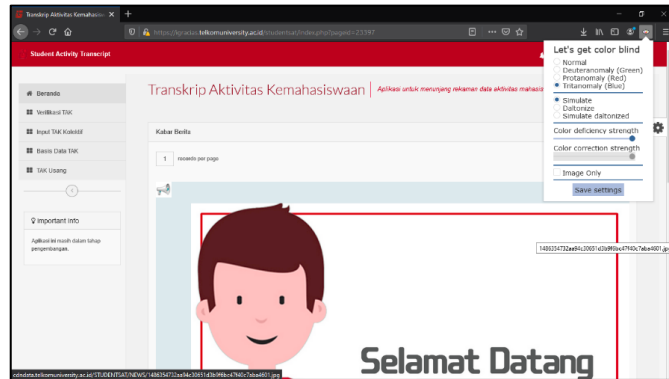


Greend-Blind / Deuteranopia

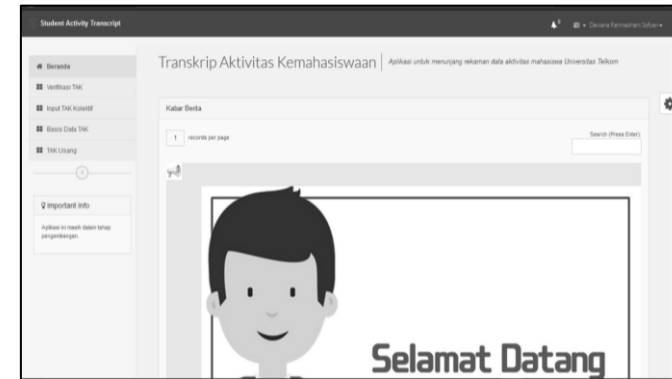


➤ 4. Aplikasi iGracias (Halaman TAK)

Blue-Blind / Tritanopia



Monochromacy / Achromatopsia

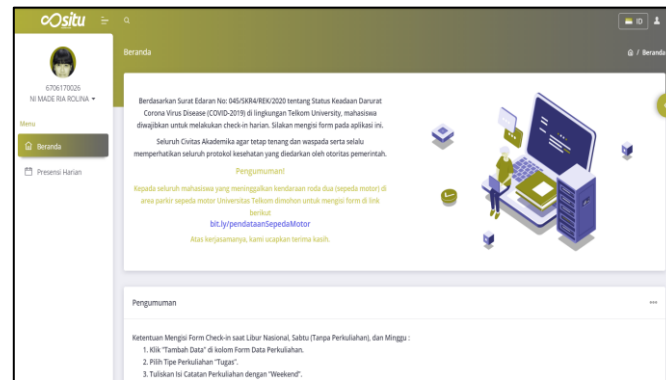


➤ 5. Aplikasi SiTU (Checkin Mahasiswa)

Normal Colour Version



Red-Blind / Pratanopia



Greend-Blind / Deutanopia

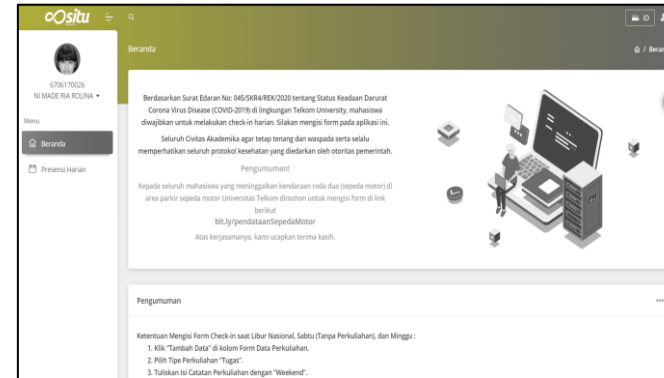


➤ 5. Aplikasi SiTU (Checkin Mahasiswa)

Blue-Blind / Tritanopia



Monochromacy / Achromatopsia



A large, modern multi-story building with a white facade and red accents, featuring a prominent blue glass curved section. The building is reflected in a calm body of water in the foreground. A semi-transparent dark grey rectangle is overlaid on the middle of the image, containing the text "Thank You". Below this, a white horizontal bar contains the text "Pusat Teknologi Informasi - Universitas Telkom".

Thank You

Pusat Teknologi Informasi - Universitas Telkom