

# GAMBARAN PENGETAHUAN TENTANG DONOR DARAH PADA MAHASISWA TEKNIK DI UNIVERSITAS JENDERAL ACHMAD YANI YOGYAKARTA TAHUN 2025

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## INTISARI

**Latar Belakang:** Ketersediaan darah di Indonesia masih belum mampu memenuhi kebutuhan Pasien, salah satunya karena rendahnya jumlah donor darah sukarela. Mahasiswa merupakan kelompok potensial untuk menjadi pendonor darah, namun tingkat pengetahuan mereka masih bervariasi. Oleh karena itu, penting dilakukan penelitian untuk mengetahui gambaran pengetahuan mahasiswa tentang donor darah.

**Tujuan Penelitian:** Penelitian ini bertujuan untuk mengetahui gambaran pengetahuan tentang donor darah pada mahasiswa Teknik Universitas Jenderal Achmad Yani Yogyakarta tahun 2025 berdasarkan usia, jenis kelamin, dan tingkat pengetahuan

**Metode Penelitian:** Jenis penelitian adalah deskriptif kuantitatif dengan pendekatan survei. Populasi penelitian adalah seluruh mahasiswa Teknik Universitas Jenderal Achmad Yani Yogyakarta tahun 2025, dengan jumlah sampel sebanyak 60 responden yang diambil menggunakan metode kuota sampling. Instrumen penelitian berupa kuesioner yang disebarluaskan melalui Google Form. Analisis data menggunakan analisis univariat dalam bentuk distribusi frekuensi dan persentase..

**Hasil Penelitian:** Hasil penelitian menunjukkan bahwa tingkat pengetahuan mahasiswa tentang donor darah berada pada kategori baik sebanyak 22 responden (40,0%), cukup 19 responden (30,0%), dan kurang baik 19 responden (30,0%). Berdasarkan usia, seluruh responden berada pada kategori remaja akhir (17–25 tahun) sebanyak 60 responden (100%). Berdasarkan jenis kelamin, responden laki-laki 30 orang (50%) dan perempuan 30 orang (50%).

**Kesimpulan:** Tingkat pengetahuan mahasiswa Teknik Universitas Jenderal Achmad Yani Yogyakarta tentang donor darah sebagian besar berada pada kategori baik. Karakteristik responden mayoritas berusia remaja akhir dengan proporsi seimbang antara laki-laki dan perempuan.

**Kata kunci:** Donor Darah, Mahasiswa, Pengetahuan

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# DESCRIPTION OF KNOWLEDGE ABOUT BLOOD DONATION AMONG ENGINEERING STUDENTS OF THE FACULTY OF TECHNOLOGY AND INDUSTRIAL ENGINEERING AT JENDERAL ACHMAD YANI UNIVERSITY YOGYAKARTA IN 2025

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## ABSTRACT

**Background:** The availability of blood in Indonesia has not yet been able to meet patients' needs, partly due to the low number of voluntary blood donors. University students represent a potential group of blood donors; however, their level of knowledge remains varied. Therefore, this study aims to provide an overview of students' knowledge regarding blood donation

**Objectives:** This study aims to describe the knowledge of blood donation among students of the Faculty of Technology Universitas Jenderal Achmad Yani Yogyakarta, in 2025, based on age, gender, and level of knowledge.

**Methods:** The study employed a quantitative descriptive design with a survey approach. The research population consisted of all engineering students at the Faculty of Technology and Industrial Engineering, Universitas Jenderal Achmad Yani Yogyakarta in 2025, with a total sample of 60 respondents selected through quota sampling. Data collection was carried out using a questionnaire distributed via Google Forms, and the data were analyzed using univariate analysis in the form of frequency distributions and percentages..

**Results:** The results of the study showed that the level of students' knowledge about blood donation was categorized as good in 22 respondents (40.0%), moderate in 19 respondents (30.0%), and poor in 19 respondents (30.0%). Based on age, all respondents were in the late adolescent category (17–25 years), totaling 60 respondents (100%). Based on gender, there were 30 male respondents (50%) and 30 female respondents (50%).

**Conclusion:** The level of knowledge about blood donation among engineering students of the Faculty of Technology and Industrial Engineering, Universitas Jenderal Achmad Yani Yogyakarta, was mostly categorized as good. The respondents' characteristics were predominantly in the late adolescent age group, with a balanced proportion of male and female students.

*Keywords: Knowledge, Blood Donation, Students, Jenderal Achmad Yani University*

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