Presented by:
Bambang Sutopo

Head of Instrumentation and Control Lab.
Electrical Engineering Department
Gadjah Mada University
University Boulevard
Graduation Building
University Building
UNIVERSITY

- Established: in 1949
  - Faculty of Law,
  - Faculty of Social and Politics
  - Civil Engineering

- Now:
  - Faculties: 18
  - Study programs: 76
GATE TO THE FACULTY
Administration Building
Faculty of Engineering
Faculty of Engineering

- There are eight departments:
  1. Architecture Engineering
  2. Chemical Engineering
  3. Civil Engineering
  4. Electrical Engineering
  5. Geological Engineering
  6. Geodetical Engineering
  7. Mechanical Engineering
  8. Nuclear Engineering
Electrical Engineering Building
Electrical Engineering Department

- Established: in 1963
- Power Engineering
- Electronics
There five concentrations:

1. Power Engineering
2. Electronics
3. Control Engineering
4. Tele-communications
5. Computer Sistem Engineering
There are nine laboratories:

1. High Voltage
2. Distribution and Transmission
3. Basic Electrical Engineering
4. Electrical Power
5. Electronics
6. Informatics
7. Instrumentation and Control
8. Electronic Systems
9. High Frequency and telecommunications
Electrical Engineering Staff

There are 56 members.

- **Academic degree**:
  1. Doctor degree : 6
  2. Master Degree : 36
  3. Undergraduate degree : 14

- **Structural Level**:
  - Profesor : 1
  - Senior Lecturers : 14
  - Lecturers : 19
  - Assistants : 22
Electrical Engineering Students

- **S1 degree (Undergraduate)**:
  - 160 students/year

- **S2 degree (Post-graduate)**:
  - 40 students/year

- **S3 degree (Doctorat)**:
  - Several students/year
Instrumentation and Control Lab.
Laboratory Staff

- **Ir. Bambang Sutopo, M.Phil**
  - Power Electronics
  - Microcontroller

- **Ir. Samiaji Herjunanto, M.Sc**
  - Control Engineering
  - Identification System and Recognition

- **Ir Oyas Wahyunggoro, M.T**
  - PID and Fuzzy Logic Controller
  - PLC

- **Ir. Priyatmadi, M.T**
  - Adaptive Control Algorithm
  - Robotics
  - Microprocessor System
Some Published Papers


Level Control System
Robotics and its Controller
DC Motor Control System
Thyristor Control System
PLC System
Thank YOU