



Fakultas	TEKNIK
Lokasi	Departemen Teknik Elektro Fakultas Teknik Universitas Indonesia Kampus Baru UI, Depok 16424. Tel. (021) 7270078, Fax. (021) 7270077 Website: <a href="http://www.ee.ui.ac.id">http://www.ee.ui.ac.id</a> Email: <a href="mailto:elektro@ee.ui.ac.id">elektro@ee.ui.ac.id</a>
Program Pendidikan	Pendidikan Sarjana Teknik Elektro
Profile	The Department of Electrical Engineering, Faculty of Engineering, Universitas Indonesia was established at the same time with the establishment of Faculty of Engineering on November 27th, 1964. Eventhough the classes had been started since October 17th, 1964. At the beginning of the establishment, the Department of Electrical Engineering was named as "Jurusan Listrik" consisted of two fields of studies: Electrical Power and Electronics & Telecommunication. Since 1984, "Jurusan Listrik" has been changed to "Jurusan Elektro", which has been named again in 2004 as The Department of Electrical Engineering. Now, there are five engineering fields available in this department: (1) Electrical power engineering; (2) Control engineering; (3) Computer engineering (which in 2006 became separated study program); (4) Electronics engineering; (5) Telecommunication engineering.
Kode Program	04 03
Gelar Akademik	Sarjana Teknik ( S T )
Mode	Reguler
Masa studi	8-12 semester
Jumlah sks	144
Pendidikan sebelumnya	SMU dan yang sederajat
Deskripsi	The department has the vision to become a high standard of excellence in education and research in the field of electrical engineering. In order to achieve such vision, the department has defined its mission to produce Electrical Engineering graduates who are able to compete beyond the national labor market. The graduates will be capable to respond to the vast growing engineering technology development though the support of excellent educational process, excellent management and organization, international standard of competence of the teaching staff and international reputation in specific research activities.
Tujuan	The objective of the Electrical Engineering bachelor education in



this globalization area is to be able to analyze engineering problems, propose a logical engineering solution, both sistematically and practically, supported by the right and proper method. The students are also required to have capabilities in designing and developing software and hardware, and always improved to new technology in electrical engineering.

Informasi lain	The graduates have been accepted by many telecommunication industries, ICT, electronics, electric companies, averaged 1 month after their graduation; showing that their labor competitiveness is quite high. Even there are students who directly recruited before their graduation through annual recruitment program which is organized by the Faculty of Engineering and the industries.
Daftar mata ajaran	Agama Hindu , Agama Islam , Agama Katholik , Agama Kristen , Algoritma & Pemrograman, Aljabar Linier, Antena & Propagasi, Bahasa Inggris, Dasar Nanoelektronika, Dasar Teknik Elektro, Distribusi & Transmisi Tenaga Listrik, Divais & Rangkaian Gelombang Pendek, Divais Elektronika, Divais Fotonik, Elektromagnetika, Elektronika Daya + Praktikum, Etika Enjiniring, Fisika Dasar 1 , Fisika Dasar 2, Jaringan Telekomunikasi, Kalkulus, Kerja Praktek, Kesehatan, Keselamatan Kerja & Lindung Lin, Komputasi Numerik, Komunikasi Bergerak & Nirkabel, Komunikasi Digital, Konversi Tenaga Listrik, Manajemen & Ekonomi Teknik, Matematika Teknik 1, Matematika Teknik 2, Material Teknik Listrik, Mekatronika, Mikroprosesor, MPK Terintegrasi , Olahraga / Seni, Pemodelan & Identifikasi Sistem, Pengantar Teknik Komputer, Pengukuran Besaran Listrik, Praktikum Mikroprosesor, Praktikum Pengantar Teknik Komputer, Praktikum Pengukuran Besaran Listrik, Praktikum Rangkaian Elektronika, Praktikum Rangkaian Listrik, Praktikum Sistem Kendali, Praktikum Teknik Telekomunikasi, Praktikum Teknik Tenaga Listrik, Proses Acak, Proteksi Sistem Listrik, Rangkaian Analog, Rangkaian Elektronika, Rangkaian Elektronika Lanjut, Rangkaian Listrik, Robotika, Sel Surya, Seminar, Sinyal & Sistem, Sistem Berbasis Pengetahuan, Sistem Kendali, Sistem Kendali Dijital, Sistem Kendali Penggerak Elektrik, Sistem Kendali Prediktif & Adaptif, Sistem Kendali Proses, Sistem Komunikasi Optik, Sistem Tenaga Listrik + Praktikum, Skripsi, Statistik dan Probabilitas , Teknik Arus & Tegangan Tinggi + Praktikum, Teknik Telekomunikasi, Teknik Tenaga Listrik, Teknologi Proses + Praktikum, Teori Coding & Aplikasi, Utilisasi Tenaga



	Listrik, VLSI,
Staf Pengajar	Dr. Abdul Halim M.Eng, Dr. Abdul Muis ST., M.Eng, Ir. Agus R. Utomo MT., Ir. Agus Santoso Tamsir MT., Aji Nur Widyanto S.T, M.T, Ir. Amien Rahardjo MT., Dr. Ir. Anak Agung Putri Ratna M.Eng., Ir. Aries Subiantoro M. SEE, Ir. Arifin Djauhari MT, Dr. Ir. Arman D. Diponegoro , Prof. Dr. Ir. Bagio Budiardjo M.Sc., Prof. Drs. Benyamin Kusumoputro M.Eng., Dr.Eng, Prof. Dr. Ir. Dadang Gunawan M.Eng., Ir. Djamhari Sirat M.Sc., Ph.D, Prof. Dr. Ir. Djoko Hartanto M.Sc, Dr. Ir. Dodi Suidiana M.Eng., Dr.-Ing Eko Adhi Setiawan ST.MT, Prof. Dr. Ir. Eko Tjipto Rahardjo M.Sc., F. Astha Ekadiyanto S.T., M.Sc., Ir. Fajardhani MM., Dr. Ir. Feri Yusivar M.Eng., Dr. Fitri Yuli Zulkifli S.T., M.Sc., Ir. Gunawan Wibisono M.Sc., Ph.D., Prof. Dr. Ir. Harry Sudibyo M.Sc., Ir. Hartono Haryadi M.Phil, Ir. I Made Ardita Y MT, Prof. Dr. Ir. Iwa Garniwa M. K. MT, Dr. Iwan Krisnandi , Prof. Dr.-Ing. Kalamullah Ramli M.Eng, Dr. Ir. Muhamad Asvial M.Eng., Muhammad Salman S.T., MIT, Prof. Dr. Ir Nji Raden Poespawati MT, Ir. Ny. Rochmah N Sukardi M.Sc., Dr. Ir. Purnomo Sidi Priambodo M.Sc., Dr. Ratno Nuryadi , Dr. Ir. Retno Wigajatri Purnamaningsih MT., Dr. Ir. Ridwan Gunawan MT., Prof. Ir. Rinaldy Dalimi M.Sc., Ph.D, Prof. Dr. Ir. Riri Fitri Sari M.Sc., MM, Prof. Dr. Ir. Rudy Setiabudy MSc., Ir Sri Rejeki Dipl.Ing., Dr. Ir. Uno Bintang Sudibyo M.Sc., Ph.D, Ir. Wahidin Wahab MSc., PhD, Dr. Ir. Waseso Segoro MM,
Peraturan	A student is obligate to take and pass at least 144 credits, which consists of 12 credits of general university courses (liberal art courses), 34 credits of general faculty courses (engineering supporting courses, including internship, seminar and final project), 64 credits electrical engineering courses (the main courses), 24 credits majoring courses (the courses for emphasizing electrical engineering field), and 10 credits for elective courses (the courses for broadening the field).
1. Syarat pendaftaran	<ol style="list-style-type: none"> <li>1. Senior high school graduates;</li> <li>2. Passed the Seleksi Masuk UI (SIMAK) UI, Program Prestasi dan Pemerataan Kesempatan Belajar (PPKB) or Seleksi Penerimaan Mahasiswa Baru (SPMB) or PPSTD (Program Pendidikan Sarjana Teknik Daerah) or Seleksi Nasional Masuk Perguruan Tinggi Negeri (SNMPTN);</li> <li>3. Good physical and mental health;</li> <li>4. Has no color blindness;</li> </ol>



## 2. Persyaratan program



Passed the entrance examination for Vokasi, S1 Reguler, Paralel & KKI, which is scheduled on 11 April 2010 (for 2010/2011 academic year) as follows:

07:00-07:30 = Persiapan

07:30-09.30 = Kemampuan IPA (120 menit)

10:30-12:30 = Kemampuan Dasar (120 menit)

12:30-13:30 = Istirahat

13:30-15:00 = Kemampuan IPS (90 menit)

Test subjects:

1. Kemampuan IPA (Mat IPA, Fis, Kim, Bio, IPA Terpadu @ 15 soal)
2. Kemampuan Dasar (MatDas, Bhs Ina, Bhs Ing @ 20 soal)
3. Kemampuan IPS (Eko, Sej, Geo @ 20 soal, IPS Terpadu 15 soal)

Pendaftaran Umum

For registration, please access the website

<http://penerimaan.ui.ac.id>

Kompetensi Lulusan

The standards of competency of the graduates consisted of several criteria as follow:

1. Ability to apply mathematics science and engineering principles.
2. Ability to design and conduct experiments and interpret data.
3. Ability to design a system, component, or process to meet desired needs.
4. Ability function on multidisciplinary teams.
5. Ability to identify, formulate, and solve engineering problems.
6. Ability to understand professional and ethical responsibility.
7. Ability to communicate effectively (especially in English).
8. Ability to understand the impact of engineering solutions in a global context.
9. Ability to recognize the need for and to engage in life-long learning.
10. Ability to know of contemporary issues.
11. Ability to use the techniques, skills, and modern engineering tools necessary for engineering practice.
12. Ability to master at least one specific engineering aspect and have experience in joining a research team under supervision.

Lain - lain

Entrance examination fee:

1. For 2 first choice in IPA or IPS (for any regular bachelor, parallel and vocational program) is Rp. 200.000,-



2. For every next choice need addition cost of Rp. 50.000,-
3. Maximum for 8 programs (including KKI)
4. For each program, max. of 3 choices, except for KKI (only 1 choice)
5. Additional fee of Rp. 50.000,- for IPC
6. Additional fee of Rp. 500.000,- for KKI



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Profile	The Computer Engineering Study Program (CESP) was established in 2006 as a new study program in the Department of Electrical Engineering, Faculty of Engineering, Universitas Indonesia. Since the establishment, the study program has developed dual/double degree program for Bachelor in Computer Engineering with Universität Duisburg Essen (UDE) Germany in a 2+2 program. The collaboration has been expanded with Universiti Kebangsaan, Malaysia and Universitas Parma, Italy through The Asia Link Program for Credit Transfer System from 2006-2008 funded by the European Economic Community.
Deskripsi	The CESP has the vision to become a high standard of excellence in education and research in the field of computer engineering.
Tujuan	In order to achieve such vision, the CESP has defined its missions: <ol style="list-style-type: none"> <li>1. To produce Computer Engineering graduates who are able to compete in international labor market.</li> <li>2. To enhance the education and research cooperation with universities with high reputation, both nationally and internationally; industry and business service and development in computer engineering.</li> <li>3. The graduates will be capable to respond to the vast growing engineering technology development through the support of excellent educational process, excellent management and organization, international standard of competence of the teaching staff and international reputation in specific research activities.</li> </ol>
Informasi lain	Body of knowledge covered in the new curriculum (2008) is in accordance to the IEEE (The Institute of Electrical and Electronic Engineering) recommendations for Computer Engineering Study Program in 2004.
Daftar mata ajaran	Agama Hindu, Agama Islam , Agama Katholik, Agama Kristen, Aljabar Linier, Bahasa Inggris, Dasar Teknik Elektro, Desain & Manaj Jar. Komputer (+P), Divais Elektronika, Fisika Dasar 1 , Fisika Dasar 2 , Interaksi Manusia dan Komputer, Jaringan



Komputer (+P), Jaringan Pita Lebar, Kalkulus, Keamanan Jaringan Komputer, Kerja Praktek, Manajemen Proyek Tek. Inf, Matematika Teknik 1, Mikroprosesor, MPK Terintegrasi , Olahraga / Seni, Organisasi dan Arsitektur Komp., Pemrograman Berorientasi Objek (+ P), Pengantar Teknik Komputer, Pengolahan Citra, Perancangan Sistem Dijital, Perancangan VLSI (+P), Praktikum Elektronika, Praktikum Mikroprocessor, Praktikum Pengantar Teknik Komputer, Praktikum Teknik Dijital, Praktikum Teknik Telekomunikasi, Profesionalisme dan Etika dalam Teknologi, Rangkaian Elektronika, Rekayasa & Kewirausahaan, Rekayasa Perangkat Lunak, Seminar, Sinyal & Sistem, Sistem Basis Data (+P), Sistem Berbasis Pengetahuan, Sistem Embedded, Sistem Operasi, Skripsi, Statistik dan Probabilitas , Struktur Diskrit, Teknik Dijital, Teknik Telekomunikasi, Teknologi Web dan Multimedia,

<p>Staf Pengajar</p>	<p>Dr. Abdul Halim M.Eng, Dr. Abdul Muis ST., M.Eng, Ir. Agus R. Utomo MT., Ir. Agus Santoso Tamsir MT., Aji Nur Widyanto S.T, M.T, Ir. Amien Rahardjo MT., Dr. Ir. Anak Agung Putri Ratna M.Eng., Ir. Aries Subianto M. SEE, Ir. Arifin Djauhari MT, Dr. Ir. Arman D. Diponegoro , Prof. Dr. Ir. Bagio Budiardjo M.Sc., Prof. Drs. Benyamin Kusumoputro M.Eng., Dr.Eng, Prof. Dr. Ir. Dadang Gunawan M.Eng., Ir. Djamhari Sirat M.Sc., Ph.D, Prof. Dr. Ir. Djoko Hartanto M.Sc, Dr. Ir. Dodi Sudiana M.Eng., Dr.-Ing Eko Adhi Setiawan ST.MT, Prof. Dr. Ir. Eko Tjipto Rahardjo M.Sc., F. Astha Ekadiyanto S.T., M.Sc., Ir. Fajardhani MM., Dr. Ir. Feri Yusivar M.Eng., Dr. Fitri Yuli Zulkifli S.T., M.Sc., Ir. Gunawan Wibisono M.Sc., Ph.D., Prof. Dr. Ir. Harry Sudiby M.Sc., Ir. Hartono Haryadi M.Phil, Ir. I Made Ardita Y MT, Prof. Dr. Ir. Iwa Garniwa M. K. MT, Dr. Iwan Krisnandi , Prof. Dr.-Ing. Kalamullah Ramli M.Eng, Dr. Ir. Muhamad Asvial M.Eng., Muhammad Salman S.T., MIT, Prof. Dr.Ir Nji Raden Poespawati MT, Ir. Ny. Rochmah N Sukardi M.Sc., Dr. Ir. Purnomo Sidi Priambodo M.Sc., Dr. Ratno Nuryadi , Dr. Ir. Retno Wigajatri Purnamaningsih MT., Dr. Ir. Ridwan Gunawan MT., Prof. Ir. Rinaldy Dalimi M.Sc., Ph.D, Prof. Dr. Ir. Riri Fitri Sari M.Sc., MM, Prof. Dr. Ir. Rudy Setiabudy MSc., Ir Sri Rejeki Dipl.Ing., Dr. Ir. Uno Bintang Sudiby M.Sc., Ph.D, Ir. Wahidin Wahab MSc., PhD, Dr. Ir. Waseso Segoro MM,</p>
<p>Peraturan</p>	<p>A CESP student is obligate to take and pass at least 144 credits, which consists of 12 credits of general university courses (liberal art courses), 31 credits of general faculty courses (engineering</p>





	supporting courses, including internship, seminar and final project), 91 credits computer engineering courses (the main courses), and 10 credits for elective courses (the courses for broadening the field).
1. Syarat pendaftaran	<ol style="list-style-type: none"> <li>1. Senior high school graduates;</li> <li>2. Passed the Seleksi Masuk UI (SIMAK) UI, Program Prestasi dan Pemerataan Kesempatan Belajar (PPKB) or Seleksi Penerimaan Mahasiswa Baru (SPMB) or PPSTD (Program Pendidikan Sarjana Teknik Daerah) or Seleksi Nasional Masuk Perguruan Tinggi Negeri (SNMPTN);</li> <li>3. Good physical and mental health;</li> <li>4. Has no color blindness;</li> </ol>
2. Persyaratan program	<p>Passed the entrance examination for Vokasi, S1 Reguler, Paralel &amp; KKI, which is scheduled on 11 April 2010 (for 2010/2011 academic year) as follows:</p> <p>07:00-07:30 = Persiapan  07:30-09.30 = Kemampuan IPA (120 menit)  10:30-12:30 = Kemampuan Dasar (120 menit)  12:30-13:30 = Istirahat  13:30-15:00 = Kemampuan IPS (90 menit)</p> <p>Test subjects:</p> <ol style="list-style-type: none"> <li>1. Kemampuan IPA (Mat IPA, Fis, Kim, Bio, IPA Terpadu @ 15 soal)</li> <li>2. Kemampuan Dasar (MatDas, Bhs Ina, Bhs Ing @ 20 soal)</li> <li>3. Kemampuan IPS (Eko, Sej, Geo @ 20 soal, IPS Terpadu 15 soal)</li> </ol>
Pendaftaran Umum	For entrance examination registration please access to <a href="http://penerimaan.ui.ac.id">http://penerimaan.ui.ac.id</a>
Kompetensi Lulusan	<p>Graduates Qualifications</p> <ol style="list-style-type: none"> <li>1. The graduates will be capable to analyze hardware and software aspects of computer system and modern intelligent devices.</li> <li>2. Has strong electrical engineering basic knowledge, including analog electronics circuit, digital electronics and telecommunication engineering.</li> <li>3. Has strong basic knowledge in computer engineering, especially microprocessors, computer network and software engineering.</li> <li>4. Has strong knowledge and skill to design embedded processor systems, including intelligent devices or concurrent systems.</li> </ol>
Lain - lain	Entrance examination fee:



1. For 2 first choice in IPA or IPS (for any regular bachelor, parallel and vocational program) is Rp. 200.000,-
  2. For every next choice need addition cost of Rp. 50.000,-
  3. Maximum for 8 programs (including KKI)
  4. For each program, max. of 3 choices, except for KKI (only 1 choice)
  5. Additional fee of Rp. 50.000,- for IPC
  6. Additional fee of Rp. 500.000,- for KKI
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Program Pendidikan	Pendidikan Sarjana Teknik Elektro
Profile	The Department of Electrical Engineering, Faculty of Engineering, Universitas Indonesia was established at the same time with the establishment of Faculty of Engineering on November 27th, 1964. Eventhough the classes had been started since October 17th, 1964. At the beginning of the establishment, the Department of Electrical Engineering was named as "Jurusan Listrik" consisted of two fields of studies: Electrical Power and Electronics & Telecommunication. Since 1984, "Jurusan Listrik" has been changed to "Jurusan Elektro", which has been named again in 2004 as The Department of Electrical Engineering. Now, there are five engineering fields available in this department: (1) Electrical power engineering; (2) Control engineering; (3) Computer engineering (which in 2006 became separated study program); (4) Electronics engineering; (5) Telecommunication engineering.
Kode Program	04 23
Gelar Akademik	S T (Sarjana Teknik)
Mode	Ekstensi
Masa studi	5 semester
Jumlah sks	65
Pendidikan sebelumnya	D3, S1
Deskripsi	The department has the vision to become a high standard of excellence in education and research in the field of electrical engineering. In order to achieve such vision, the department has defined its mission to produce Electrical Engineering graduates who are able to compete beyond the national labor market. The graduates will be capable to respond to the vast growing engineering technology development though the support of excellent educational process, excellent management and organization, international standard of competence of the teaching staff and international reputation in specific research activities.
Tujuan	The objective of the Electrical Engineering bachelor education in



this globalization area is to be able to analyze engineering problems, propose a logical engineering solution, both sistematically and practically, supported by the right and proper method. The students are also required to have capabilities in designing and developing software and hardware, and always improved to new technology in electrical engineering.

Informasi lain	The graduates have been accepted by many telecommunication industries, ICT, electronics, electric companies, averaged 1 month after their graduation; showing that their labor competitiveness is quite high. Even there are students who directly recruited before their graduation through annual recruitment program which is organized by the Faculty of Engineering and the industries.
Daftar mata ajaran	Antena & Propagasi, Dasar Nanoelektronika, Dasar Teknik Elektro, Distribusi & Transmisi Tenaga Listrik, Divais & Rangkaian Gelombang Pendek, Divais Elektronika, Divais Fotonik, Elektromagnetik, Elektronika , Elektronika Daya + Praktikum, Elektronika Industri, Elektronika Industri , Interaksi Manusia dan Komputer, Jaringan Komputer, Jaringan Komputer , Jaringan Komputer , Jaringan Pita Lebar, Jaringan Telekomunikasi, Komunikasi Bergerak & Nirkabel, Komunikasi Digital, Konversi Tenaga Listrik, Manajemen & Ekonomi Teknik, Manajemen Proyek Tek. Inf, Matematika C, Matematika C , Matematika Teknik 1, Matematika Teknik 2, Material Teknik Listrik, Mekatronika, Mikroelektronika (VLSI) + Praktikum , Mikroprosesor, Organisasi & Arsitektur Komputer, Organisasi & Arsitektur Komputer , Pemodelan & Identifikasi Sistem, Pengolahan Citra, Pengukuran Besaran Listrik, Perancangan VLSI (+P), Perencanaan Sistem Transmisi, Perencanaan Sistem Transmisi , Profesionalisme dan Etika dalam Tek. Infor, Proses Acak, Proteksi Sistem Listrik, Rangkaian Analog, Rangkaian Elektronika, Rangkaian Elektronika Lanjut, Rangkaian Listrik, Rangkaian Listrik 2 , Rekayasa & Kewirausahaan, Rekayasa Perangkat Lunak, Rekayasa Perangkat Lunak , Robotika, Sel Surya, Seminar, Sinyal & Sistem, Sistem Berbasis Pengetahuan, Sistem Embedded, Sistem Kendali, Sistem Kendali Dijital, Sistem Kendali Lanjut, Sistem Kendali Lanjut , Sistem Kendali Penggerak Elektrik, Sistem Kendali Prediktif & Adaptif, Sistem Kendali Proses, Sistem Komunikasi Optik, Sistem Telekomunikasi, Sistem Telekomunikasi , Sistem Tenaga Listrik + Praktikum, Teknik Arus & Tegangan Tinggi + Praktikum, Teknik Digital, Teknik



	Telekomunikasi, Teknik Transmisi + Praktikum, Teknik Transmisi + Praktikum , Teknologi Proses + Praktikum, Teknologi Web dan Multimedia, Teori Coding & Aplikasi, Teori Medan Elektromagnetik , Tugas Akhir, Utilisasi Tenaga Listrik, VLSI,
Staf Pengajar	Dr. Abdul Halim M.Eng, Dr. Abdul Muis ST., M.Eng, Ir. Agus R. Utomo MT., Ir. Agus Santoso Tamsir MT., Aji Nur Widyanto S.T, M.T, Ir. Amien Rahardjo MT., Dr. Ir. Anak Agung Putri Ratna M.Eng., Ir. Aries Subiantoro M. SEE, Ir. Arifin Djauhari MT, Dr. Ir. Arman D. Diponegoro , Prof. Dr. Ir. Bagio Budiardjo M.Sc., Prof. Drs. Benyamin Kusumoputro M.Eng., Dr.Eng, Prof. Dr. Ir. Dadang Gunawan M.Eng., Ir. Djamhari Sirat M.Sc., Ph.D, Prof. Dr. Ir. Djoko Hartanto M.Sc, Dr. Ir. Dodi Suidiana M.Eng., Dr.-Ing Eko Adhi Setiawan ST.MT, Prof. Dr. Ir. Eko Tjipto Rahardjo M.Sc., F. Astha Ekadiyanto S.T., M.Sc., Ir. Fajardhani MM., Dr. Ir. Feri Yusivar M.Eng., Dr. Fitri Yuli Zulkifli S.T., M.Sc., Ir. Gunawan Wibisono M.Sc., Ph.D., Prof. Dr. Ir. Harry Sudibyo M.Sc., Ir. Hartono Haryadi M.Phil, Ir. I Made Ardita Y MT, Prof. Dr. Ir. Iwa Garniwa M. K. MT, Dr. Iwan Krisnandi , Prof. Dr.-Ing. Kalamullah Ramli M.Eng, Dr. Ir. Muhamad Asvial M.Eng., Muhammad Salman S.T., MIT, Prof. Dr. Ir. Nji Raden Poespawati MT, Ir. Ny. Rochmah N Sukardi M.Sc., Dr. Ir. Purnomo Sidi Priambodo M.Sc., Dr. Ratno Nuryadi , Dr. Ir. Retno Wigajatri Purnamaningsih MT., Dr. Ir. Ridwan Gunawan MT., Prof. Ir. Rinaldy Dalimi M.Sc., Ph.D, Prof. Dr. Ir. Riri Fitri Sari M.Sc., MM, Prof. Dr. Ir. Rudy Setiabudy MSc., Ir Sri Rejeki Dipl.Ing., Dr. Ir. Uno Bintang Sudibyo M.Sc., Ph.D, Ir. Wahidin Wahab MSc., PhD, Dr. Ir. Waseso Segoro MM,
Peraturan	Based on the latest curriculum, a student is obligate to take and pass at least 74 credits (previously 65 credits), which consists of 53 credits electrical engineering courses (the main courses) and 21 credits majoring courses (12 and 9 credits should be chosen in semester 7 and 8, respectively).
1. Syarat pendaftaran	<ol style="list-style-type: none"> <li>1. Diploma (D3) or Sarjana (Bachelor) graduates;</li> <li>2. Passed the Seleksi Masuk UI (SIMAK) UI, Program Prestasi dan Pemerataan Kesempatan Belajar (PPKB) or Seleksi Penerimaan Mahasiswa Baru (SPMB) or PPSTD (Program Pendidikan Sarjana Teknik Daerah) or Seleksi Nasional Masuk Perguruan Tinggi Negeri (SNMPTN);</li> <li>3. Good physical and mental health;</li> <li>4. Has no color blindness;</li> </ol>



## 2. Persyaratan program



	Passed the entrance examination 1. 07.30-10.00 WIB: Tes Potensi Akademik (TPA) 2. 10.30-12.00 WIB: Bahasa Inggris
Pendaftaran Umum	For registration, please access the website <a href="http://penerimaan.ui.ac.id">http://penerimaan.ui.ac.id</a>
Kompetensi Lulusan	The objective of the Electrical Engineering bachelor education is to be able to analyze engineering problems, propose a logical engineering solution, both systematically and practically, supported by the right and proper method. The students are also required to have capabilities in designing and developing software and hardware, and always improved to new technology in electrical engineering.
Lain - lain	1. The entrance examination fee is Rp 400.000,- 2. Payment could be proceed after uploading the photograph; 3. Non-returnable fee.



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Lokasi	<p>Departemen Teknik Elektro Fakultas Teknik Universitas Indonesia Kampus Baru UI, Depok 16424. Tel. (021) 7270078, Fax. (021) 7270077 Website: <a href="http://www.ee.ui.ac.id">http://www.ee.ui.ac.id</a> Email: <a href="mailto:elektro@ee.ui.ac.id">elektro@ee.ui.ac.id</a></p>
Profile	<p>The Department of Electrical Engineering, Faculty of Engineering, Universitas Indonesia was established at the same time with the establishment of Faculty of Engineering on November 27th, 1964. Eventhough the classes had been started since October 17th, 1964. At the beginning of the establishment, the Department of Electrical Engineering was named as "Jurusan Listrik" consisted of two fields of studies: Electrical Power and Electronics &amp; Telecommunication. Since 1984, "Jurusan Listrik" has been changed to "Jurusan Elektro", which has been named again in 2004 as The Department of Electrical Engineering. Now, there are five engineering fields available in this department: (1) Electrical power engineering; (2) Control engineering; (3) Computer engineering (which in 2006 became separated study program); (4) Electronics engineering; (5) Telecommunication engineering.</p>
Deskripsi	<p>The objective of the Electrical Engineering bachelor education in this globalization area is to be able to analyze engineering problems, propose a logical engineering solution, both systematically and practically, supported by the right and proper method. The students are also required to have capabilities in designing and developing software and hardware, and always improved to new technology in electrical engineering.</p> <p>The International program of Electrical Engineering study program is divided into two parts:</p> <p>(1) Study at the University of Indonesia, for the first 2 (two) years or 4 semesters;</p> <p>(2) Study at the Queensland University of Technology (QUT), for the last 2 (two) years or 4 semesters.</p>
Tujuan	<p>The department has the vision to become a high standard of excellence in education and research in the field of electrical engineering. In order to achieve such vision, the department has defined its mission to produce Electrical Engineering graduates who are able to compete beyond the national labor market. The</p>





	<p>graduates will be capable to respond to the vast growing engineering technology development though the support of excellent educational process, excellent management and organization, international standard of competence of the teaching staff and international reputation in specific research activities.</p>
Informasi lain	<p>The graduates have been accepted by many telecommunication industries, ICT, electronics, electric companies, averaged 1 month after their graduation; showing that their labor competitiveness is quite high. Even there are students who directly recruited before their graduation through annual recruitment program which is organized by the Faculty of Engineering and the industries.</p>
Daftar mata ajaran	<p>Algorithm and Programming, Basic Computer, Basic Energy System, Calculus, Communication Skills in English, Electric Circuit 2, Electric Circuits 1, Electric. Units Measurements &amp; Lab., Electrical Power Eng. Fund. Lab., Electronic Circuits, Engineering Drawing 1, Environmental Science, Fund. of Computer Systems, Fund. of Computer Systems Lab., Fund. of Electrical Power Engineering, Fundamental of Digital Systems, Fundamental of Digital Systems Lab., Fundamental of Electronics Lab., Fundamental of Telecommunications, Information Infrastructure, Linear Algebra, Numerical Methods, Physics (Electricity, Wave, Optics), Vector Analysis ,</p>
Staf Pengajar	<p>Dr. Abdul Halim M.Eng, Dr. Abdul Muis ST., M.Eng, Ir. Agus R. Utomo MT., Ir. Agus Santoso Tamsir MT., Aji Nur Widyanto S.T, M.T, Ir. Amien Rahardjo MT., Dr. Ir. Anak Agung Putri Ratna M.Eng., Ir. Aries Subiantoro M. SEE, Ir. Arifin Djauhari MT, Dr. Ir. Arman D. Diponegoro , Prof. Dr. Ir. Bagio Budiardjo M.Sc., Prof. Drs. Benyamin Kusumoputro M.Eng., Dr.Eng, Prof. Dr. Ir. Dadang Gunawan M.Eng., Ir. Djamhari Sirat M.Sc., Ph.D, Prof. Dr. Ir. Djoko Hartanto M.Sc, Dr. Ir. Dodi Suidiana M.Eng., Dr.-Ing Eko Adhi Setiawan ST.MT, Prof. Dr. Ir. Eko Tjipto Rahardjo M.Sc., F. Astha Ekadiyanto S.T., M.Sc., Ir. Fajardhani MM., Dr. Ir. Feri Yusivar M.Eng., Dr. Fitri Yuli Zulkifli S.T., M.Sc., Ir. Gunawan Wibisono M.Sc., Ph.D., Prof. Dr. Ir. Harry Sudibyo M.Sc., Ir. Hartono Haryadi M.Phil, Ir. I Made Ardita Y MT, Prof. Dr. Ir. Iwa Garniwa M. K. MT, Dr. Iwan Krisnandi , Prof. Dr.-Ing. Kalamullah Ramli M.Eng, Dr. Ir. Muhamad Asvial M.Eng., Muhammad Salman S.T., MIT, Prof. Dr. Ir Nji Raden Poespawati MT, Ir. Ny. Rochmah N Sukardi M.Sc., Dr. Ir. Purnomo Sidi Priambodo M.Sc., Dr. Ratno Nuryadi , Dr. Ir. Retno</p>



	Wigajatri Purnamaningsih MT., Dr. Ir. Ridwan Gunawan MT., Prof. Ir. Rinaldy Dalimi M.Sc., Ph.D, Prof. Dr. Ir. Riri Fitri Sari M.Sc., MM, Prof. Dr. Ir. Rudy Setiabudy MSc., Ir Sri Rejeki Dipl.Ing., Dr. Ir. Uno Bintang Sudibyo M.Sc., Ph.D, Ir. Wahidin Wahab MSc., PhD, Dr. Ir. Waseso Segoro MM,
Peraturan	A student at the Department of Electrical Engineering, Faculty of Engineering, Universitas Indonesia must complete and pass a minimum of 74 credits over 4 semesters before continuing to Faculty of Built Environment and Engineering, QUT. The courses at UI are classified into: general courses (8 credits); basic engineering courses (66 credits) that consists of basic engineering courses (24 credits) and basic electrical engineering courses (42 credits). A total of 70 credits will be transferred from QUT when the students returned to UI to get their double degree diplomas.
1. Syarat pendaftaran	<ol style="list-style-type: none"> <li>1. Senior high school graduates;</li> <li>2. Passed the Seleksi Masuk UI (SIMAK) UI, Program Prestasi dan Pemerataan Kesempatan Belajar (PPKB) or Seleksi Penerimaan Mahasiswa Baru (SPMB) or PPSTD (Program Pendidikan Sarjana Teknik Daerah) or Seleksi Nasional Masuk Perguruan Tinggi Negeri (SNMPTN);</li> <li>3. Good physical and mental health;</li> <li>4. Has no color blindness;</li> </ol>
2. Persyaratan program	<p>Passed the entrance examination for Vokasi, S1 Reguler, Paralel &amp; KKI, which is scheduled on 11 April 2010 (for 2010/2011 academic year) as follows:</p> <p>07:00-07:30 = Persiapan  07:30-09.30 = Kemampuan IPA (120 menit)  10:30-12:30 = Kemampuan Dasar (120 menit)  12:30-13:30 = Istirahat  13:30-15:00 = Kemampuan IPS (90 menit)</p>
Pendaftaran Umum	<a href="http://penerimaan.ui.ac.id">http://penerimaan.ui.ac.id</a>
Kompetensi Lulusan	<p>The standards of competency of the graduates consisted of several criteria as follow:</p> <ol style="list-style-type: none"> <li>1. Ability to apply mathematics science and engineering principles.</li> <li>2. Ability to design and conduct experiments and interpret data.</li> <li>3. Ability to design a system, component, or process to meet desired needs.</li> <li>4. Ability function on multidisciplinary teams.</li> <li>5. Ability to identify, formulate, and solve engineering problems.</li> </ol>



6. Ability to understand professional and ethical responsibility.
7. Ability to communicate effectively (especially in English).
8. Ability to understand the impact of engineering solutions in a global context.
9. Ability to recognize the need for and to engage in life-long learning.
10. Ability to know of contemporary issues.
11. Ability to use the techniques, skills, and modern engineering tools necessary for engineering practice.
12. Ability to master at least one specific engineering aspect and have experience in joining a research team under supervision.

Lain - lain

Entrance examination fee:

1. For 2 first choice in IPA or IPS (for any regular bachelor, parallel and vocational program) is Rp. 200.000,-
2. For every next choice need addition cost of Rp. 50.000,-
3. Maximum for 8 programs (including KKI)
4. For each program, max. of 3 choices, except for KKI (only 1 choice)
5. Additional fee of Rp. 50.000,- for IPC
6. Additional fee of Rp. 500.000,- for KKI



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Profile	The Department of Electrical Engineering, Faculty of Engineering, Universitas Indonesia was established at the same time with the establishment of Faculty of Engineering on November 27th, 1964. Eventhough the classes had been started since October 17th, 1964. At the beginning of the establishment, the Department of Electrical Engineering was named as "Jurusan Listrik" consisted of two fields of studies: Electrical Power and Electronics & Telecommunication. Since 1984, "Jurusan Listrik" has been changed to "Jurusan Elektro", which has been named again in 2004 as The Department of Electrical Engineering. Now, there are five engineering fields available in this department: (1) Electrical power engineering; (2) Control engineering; (3) Computer engineering (which in 2006 became separated study program); (4) Electronics engineering; (5) Telecommunication engineering.
Deskripsi	The department has the vision to become a high standard of excellence in education and research in the field of electrical engineering. In order to achieve such vision, the department has defined its mission to produce Electrical Engineering graduates who are able to compete beyond the national labor market. The graduates will be capable to respond to the vast growing engineering technology development though the support of excellent educational process, excellent management and organization, international standard of competence of the teaching staff and international reputation in specific research activities.
Tujuan	The master program at the Department of Electrical Engineering, Faculty of Engineering Universitas Indonesia has a goal to produce high quality electrical engineers, with capabilities to develop science and self conducting researches and be able to work and apply the technologies on the industries or in the education fields.
Informasi lain	There are 7 majors of Electrical Engineering field offered in the Master Program, such as: Electrical Power & Energy Engineering, Industrial Control, Telecommunication Engineering, VLSI Design &



Embedded System, Multimedia & Information Engineering, Device Electronics, and Optoelectronics and Laser Applications (which formerly separated in different study program).

The student will receive Magister Teknik (MT) with these requirements:

1. Passed 40 SKS (credits) with IPK  $\geq 2,75$  and minimum scores of C;
2. Length of study is not more than 6 semesters;
3. Fulfilled all administration requirements.

Graduation predicate will be granted depends on the IPK

1. Cum Laude (IPK: 3,71-4,00) with length of study not more than 4 semesters without any repeating courses;
2. Sangat Memuaskan (3,41-3,70);
3. Memuaskan (2,75-3,40).

Daftar mata ajaran

Advanced Modeling & Simulation, Antena dan Propagasi Lanjut, Aplikasi Mikroprosesor Lanjut, Arsitektur Komputer Lanjut, Aspek Regulasi & Lembaga Internasional, CAD VLSI, Divais Fotonik, Divais Heterostructure, Divais RF & Gel. Mikro, Divais Solid State, Ek. Perusahaan Pembangkitan Tenaga Listrik, Elektronika Daya Industri, Energi Baru dan Terbarukan, Energi dan Lingkungan, Fisika Elektronika, Gelombang Elektromagnetik, Interferometri, Jaringan Informasi Lanjut, Jaringan Informasi Lanjut, Jaringan Telekomunikasi, Kapita Selekt, Keamanan dan Keandalan pada Jaringan, Kendali Adaptive dan Optimal, Kendali Analog dan Dijital, Kendali Daya Listrik dan Lingkungan, Kendali Model Prediktif, Komputasi Multimedia, Komunikasi Digital, Komunikasi Fotonik, Komunikasi Multimedia - Jalur Lebar, Komunikasi Multimedia Pita Lebar, Komunikasi Nirkabel dan Bergerak, Komunikasi Satelit, Komunikasi Wireless, Manaj. Tek. untuk Peningkatan Daya Saing, Manajemen & Ekonomi Energi, Manajemen Proyek, Manajemen Proyek Teknik, Manajemen Sistem Telekomunikasi, Manajemen Sistem Rekayasa, Manajemen Strategik, Manajerial Ekonomi Teknik, Material Teknik Listrik Lanjut, Mekanika Kuantum, Mikroelektronika Terapan, Mikrokontroler dan Antarmuka, Mutu Sistem Tenaga Listrik, Operasi dan Kendali Pembangkit Daya, Optika, Optika Fourier, Optimasi untuk Utilisasi Daya Listrik, Pemodelan dan Analisa Kejadian Diskrit, Pemrosesan Sinyal Dijital, Penginderaan



Jarak Jauh, Pengolahan Citra , Pengukuran dan Kendali Proses, Perencanaan & Strategi Telekomunikasi , Perencanaan Sistem Tenaga Listrik, Prakt. Teknik Optoelektronika, Propagasi Gelombang Elektromagnetik , Rekayasa Perangkat Lunak Berorientasi Obje, Robotika Cerdas, Seminar / Pra - Tesis, Sirkuit Logika Lanjut, Sistem Berbasis Pengetahuan , Sistem Embedded, Sistem Kendali Robust & Multivariabel, Sistem Telekomunikasi , Spektroskopi , T e s i s, Teknik Tegangan dan Arus Tinggi Lanjut, Teknologi Laser, Teori Rangkaian Terpadu, Topik Khusus dalam Telekomunikasi , Topik Khusus Energi & Tenaga Listrik, Topik Khusus Tenaga Listrik,

Staf Pengajar

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Peraturan

1. The total credits in the Master Program of Electrical Engineering Study Program is 40-42 credits (SKS), including thesis, after Program Sarjana;
2. Length of study is scheduled for 4 semesters and could be accomplished in min. 3 and max. 6 semesters;



	<p>3. All courses offered in semester 1 should be taken entirely;</p> <p>4. Only for max. of 14 SKS could be taken for students who have Indeks Prestasi Semester (IPS) less than 2.75;</p> <p>5. Maximum credits for Master Program is 16 SKS/semester;</p> <p>6. Exception for point (5) could be granted by Vice Dean's permission.</p>
1. Syarat pendaftaran	<p>1. Sarjana/Bachelor degree from national or international universities accredited by UI;</p> <p>2. Applicants from different field of science have to fulfill point (1) and after passed the entrance exam, should take matriculation program assigned by Department of Electrical Engineering;</p> <p>3. Applicants who passed the examination should register to the university accordingly in the corresponding semester;</p> <p>4. Applicants who missed to register during registration period will be announced as withdrawals;</p> <p>5. Registration postponement could be granted for max. period of 1 year after specified procedure.</p>
2. Persyaratan program	<p>Passed the entrance examination for S3, S2, Spesialist &amp; Profesional Program, which is scheduled on 11 April 2010 (for 2010/2011 academic year) as follows:</p> <p>07:00-07:30 = Persiapan</p> <p>07:30-10.00 = TPA (150 menit)</p> <p>10:00-10:30 = Istirahat (30 menit)</p> <p>10:30-12:00 = Bahasa Inggris (90 menit)</p>
Pendaftaran Umum	<p>For registration, please access the website <a href="http://penerimaan.ui.ac.id">http://penerimaan.ui.ac.id</a></p>
Kompetensi Lulusan	<p>To achieve high quality and internationally standardized education and research, with:</p> <ol style="list-style-type: none"> <li>1. Providing education and research collaboration with other universities, research agencies, and institutions, either local or overseas.</li> <li>2. Providing high quality and accountability management and organization.</li> <li>3. Providing funding resources, which are sufficient to achieve the targets in points 1) and 2) above, by conducting researches, consultations, trainings and other business activities.</li> </ol>
Lain - lain	<p>Entrance examination fee</p> <ol style="list-style-type: none"> <li>1. Entrance exam fee for Magister, Profesional and Spesialist Program is Rp 500.000,- (except FIK and Profession Magister FPSi</li> </ol>



for Rp. 750.000,-)

2. Entrance exam fee for Doctor Program is Rp. 750.000,-





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Deskripsi	The department has the vision to become a high standard of excellence in education and research in the field of electrical engineering. In order to achieve such vision, the department has defined its mission to produce Electrical Engineering graduates who are able to compete beyond the national labor market. The graduates will be capable to respond to the vast growing engineering technology development though the support of excellent educational process, excellent management and organization, international standard of competence of the teaching staff and international reputation in specific research activities.
Tujuan	The Master Program at the Department of Electrical Engineering, Faculty of Engineering Universitas Indonesia has a goal to produce high quality electrical engineers, especially in Optoelectronics and Laser Applications, with capabilities to develop science and self conducting researches and be able to work and apply the technologies on the industries or in the education fields.
Informasi lain	The student will receive Magister Teknik (MT) with these requirements: 1. Passed 40 SKS (credits) with IPK $\geq$ 2,75 and minimum scores of C;



2. Length of study is not more than 6 semesters;
3. Fulfilled all administration requirements.

Graduation predicate will be granted depends on the IPK:

1. Cum Laude (IPK: 3,71-4,00) with length of study not more than 4 semesters without any repeating courses;
2. Sangat Memuaskan (3,41-3,70);
3. Memuaskan (2,75-3,40).

#### Staf Pengajar

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#### Peraturan

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3. All courses offered in semester 1 should be taken entirely;
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5. Maximum credits for Master Program is 16 SKS/semester;



	6. Exception for point (5) could be granted by Vice Dean's permission.
1. Syarat pendaftaran	<p>1. Sarjana/Bachelor degree from national or international universities accredited by UI;</p> <p>2. Applicants from different field of science have to fulfill point (1) and after passed the entrance exam, should take matriculation program assigned by Department of Electrical Engineering;</p> <p>3. Applicants who passed the examination should register to the university accordingly in the corresponding semester;</p> <p>4. Applicants who missed to register during registration period will be announced as withdrawals;</p> <p>5. Registration postponement could be granted for max. period of 1 year after specified procedure.</p>
2. Persyaratan program	<p>Passed the entrance examination for S3, S2, Spesialist &amp; Profesional Program, which is scheduled on 11 April 2010 (for 2010/2011 academic year) as follows:</p> <p>07:00-07:30 = Persiapan</p> <p>07:30-10.00 = TPA (150 menit)</p> <p>10:00-10:30 = Istirahat (30 menit)</p> <p>10:30-12:00 = Bahasa Inggris (90 menit)</p>
Pendaftaran Umum	<p>For registration, please access the website</p> <p><a href="http://penerimaan.ui.ac.id">http://penerimaan.ui.ac.id</a></p>
Kompetensi Lulusan	<p>To achieve high quality and internationally standardized education and research, with:</p> <p>1. Providing education and research collaboration with other universities, research agencies, and institutions, either local or overseas.</p> <p>2. Providing high quality and accountability management and organization.</p> <p>3. Providing funding resources, which are sufficient to achieve the targets in points 1) and 2) above, by conducting researches, consultations, trainings and other business activities.</p>
Lain - lain	<p>Entrance examination fee</p> <p>â€¢ Entrance exam fee for Magister, Profession and Spesialist is Rp 500.000,- (except FIK and Profession Magister FPSi for Rp. 750.000,-)</p> <p>â€¢ Entrance exam fee for Doctor Program is Rp. 750.000,-</p>



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Deskripsi	The department has the vision to become a high standard of excellence in education and research in the field of electrical engineering. In order to achieve such vision, the department has defined its mission to produce Electrical Engineering graduates who are able to compete beyond the national labor market. The graduates will be capable to respond to the vast growing engineering technology development though the support of excellent educational process, excellent management and organization, international standard of competence of the teaching staff and international reputation in specific research activities.
Tujuan	The doctoral program at the Department of Electrical Engineering, Faculty of Engineering Universitas Indonesia has a goal to produce high quality electrical engineers, with capabilities to develop science and self conducting researches and be able to work and apply the technologies on the industries or in the education fields.
Informasi lain	Graduation predicate will be granted depends on the IPK 1. Cum Laude (IPK: 3,71-4,00) with length of study not more than 6 semesters without any repeating courses;



	<p>2. Sangat Memuaskan (3,41-3,70);</p> <p>3. Memuaskan (2,75-3,40).</p>
Daftar mata ajaran	<p>Filsafat Ilmu Pengetahuan, Kekhususan I , Kekhususan II, Metodologi Penelitian, Penelitian I, Penelitian II, Penelitian III, Penelitian IV, Pra Penelitian I , Pra-Penelitian II,</p>
Staf Pengajar	<p>Dr. Abdul Halim M.Eng, Dr. Abdul Muis ST., M.Eng, Ir. Agus R. Utomo MT., Ir. Agus Santoso Tamsir MT., Aji Nur Widyanto S.T, M.T, Ir. Amien Rahardjo MT., Dr. Ir. Anak Agung Putri Ratna M.Eng., Ir. Aries Subiantoro M. SEE, Ir. Arifin Djauhari MT, Dr. Ir. Arman D. Diponegoro , Prof. Dr. Ir. Bagio Budiardjo M.Sc., Prof. Drs. Benyamin Kusumoputro M.Eng., Dr.Eng, Prof. Dr. Ir. Dadang Gunawan M.Eng., Ir. Djamhari Sirat M.Sc., Ph.D, Prof. Dr. Ir. Djoko Hartanto M.Sc, Dr. Ir. Dodi Suidiana M.Eng., Dr.-Ing Eko Adhi Setiawan ST.MT, Prof. Dr. Ir. Eko Tjipto Rahardjo M.Sc., F. Astha Ekadiyanto S.T., M.Sc., Ir. Fajardhani MM., Dr. Ir. Feri Yusivar M.Eng., Dr. Fitri Yuli Zulkifli S.T., M.Sc., Ir. Gunawan Wibisono M.Sc., Ph.D., Prof. Dr. Ir. Harry Sudibyo M.Sc., Ir. Hartono Haryadi M.Phil, Ir. I Made Ardita Y MT, Prof. Dr. Ir. Iwa Garniwa M. K. MT, Dr. Iwan Krisnandi , Prof. Dr.-Ing. Kalamullah Ramli M.Eng, Dr. Ir. Muhamad Asvial M.Eng., Muhammad Salman S.T., MIT, Prof. Dr.Ir Nji Raden Poespawati MT, Ir. Ny. Rochmah N Sukardi M.Sc., Dr. Ir. Purnomo Sidi Priambodo M.Sc., Dr. Ratno Nuryadi , Dr. Ir. Retno Wigajatri Purnamaningsih MT., Dr. Ir. Ridwan Gunawan MT., Prof. Ir. Rinaldy Dalimi M.Sc., Ph.D, Prof. Dr. Ir. Riri Fitri Sari M.Sc., MM, Prof. Dr. Ir. Rudy Setiabudy MSc., Ir Sri Rejeki Dipl.Ing., Dr. Ir. Uno Bintang Sudibyo M.Sc., Ph.D, Ir. Wahidin Wahab MSc., PhD, Dr. Ir. Waseso Segoro MM,</p>
Peraturan	<p>Doctor program is a scheduled academic program which consisted of basic skill education, speciality and research. The student will be granted "Doktor" degree with these requirements:</p> <ol style="list-style-type: none"> <li>1. Passed 48 SKS (credits) with IPK <math>\geq</math> 2,75 and minimum scores of C;</li> <li>2. Length of study is not more than 10 semesters;</li> <li>3. Fulfilled all academic and administration requirements.</li> <li>4. Passed the qualification, dissertation research proposal, pre-promotion and promotion examinations, respectively.</li> </ol>
1. Syarat pendaftaran	<ol style="list-style-type: none"> <li>1. Master degree from national or international universities accredited by Universitas Indonesia;</li> <li>2. Passing qualifications include: academic record, research</li> </ol>



	<p>experience, research field of previous degree, research abstract, the availability of Promotor in the research area, and applicants' integrity;</p> <p>3. Applicants who passed the examination should register to the university accordingly in the corresponding semester;</p> <p>4. Applicants who missed to register during registration period will be announced as withdrawals;</p> <p>5. Registration postponement could be granted for max. period of 1 year after specified procedure.</p>
2. Persyaratan program	<p>Passed the entrance examination for S3, S2, Spesialist &amp; Profesional Program, which is scheduled on 11 April 2010 (for 2010/2011 academic year) as follows:</p> <p>07:00-07:30 = Persiapan</p> <p>07:30-10.00 = TPA (150 menit)</p> <p>10:00-10:30 = Istirahat (30 menit)</p> <p>10:30-12:00 = Bahasa Inggris (90 menit)</p>
Pendaftaran Umum	<p>For registration, please access the website <a href="http://penerimaan.ui.ac.id">http://penerimaan.ui.ac.id</a></p>
Kompetensi Lulusan	<p>To achieve high quality and internationally standardized education and research, with:</p> <ol style="list-style-type: none"> <li>1. Providing education and research collaboration with other universities, research agencies, and institutions, either local or overseas.</li> <li>2. Providing high quality and accountability management and organization.</li> <li>3. Providing funding resources, which are sufficient to achieve the targets in points 1) and 2) above, by conducting researches, consultations, trainings and other business activities.</li> </ol>
Lain - lain	<p>Entrance examination fee</p> <ol style="list-style-type: none"> <li>1. Entrance exam fee for Magister, Profesional and Spesialist Program is Rp 500.000,- (except FIK and Profession Magister FPSi for Rp. 750.000,-)</li> <li>2. Entrance exam fee for Doctoral Program is Rp. 750.000,-</li> </ol>



Fakultas	TEKNIK
Lokasi	Departemen Teknik Elektro Fakultas Teknik Universitas Indonesia Kampus Baru UI, Depok 16424. Tel. (021) 7270078, Fax. (021) 7270077 Website: <a href="http://www.ee.ui.ac.id">http://www.ee.ui.ac.id</a> Email: <a href="mailto:elektro@ee.ui.ac.id">elektro@ee.ui.ac.id</a>
Profile	The Department of Electrical Engineering, Faculty of Engineering, Universitas Indonesia was established at the same time with the establishment of Faculty of Engineering on November 27th, 1964. Eventhough the classes had been started since October 17th, 1964. At the beginning of the establishment, the Department of Electrical Engineering was named as "Jurusan Listrik" consisted of two fields of studies: Electrical Power and Electronics & Telecommunication. Since 1984, "Jurusan Listrik" has been changed to "Jurusan Elektro", which has been named again in 2004 as The Department of Electrical Engineering. Now, there are five engineering fields available in this department: (1) Electrical power engineering; (2) Control engineering; (3) Computer engineering (which in 2006 became separated study program); (4) Electronics engineering; (5) Telecommunication engineering.
Deskripsi	The department has the vision to become a high standard of excellence in education and research in the field of electrical engineering. In order to achieve such vision, the department has defined its mission to produce Electrical Engineering graduates who are able to compete beyond the national labor market. The graduates will be capable to respond to the vast growing engineering technology development though the support of excellent educational process, excellent management and organization, international standard of competence of the teaching staff and international reputation in specific research activities.
Tujuan	The doctoral program at the Optoelectrotechnique and Laser Application Program, Department of Electrical Engineering, Faculty of Engineering Universitas Indonesia has a goal to produce high quality electrical engineers, with capabilities to develop science and self conducting researches and be able to work and apply the technologies on the industries or in the education fields.
Informasi lain	Graduation predicate will be granted depends on the IPK 1. Cum Laude (IPK: 3,71-4,00) with length of study not more than 6



	<p>semesters without any repeating courses;</p> <p>2. Sangat Memuaskan (3,41-3,70);</p> <p>3. Memuaskan (2,75-3,40).</p>
Staf Pengajar	<p>Dr. Abdul Halim M.Eng, Dr. Abdul Muis ST., M.Eng, Ir. Agus R. Utomo MT., Ir. Agus Santoso Tamsir MT., Aji Nur Widyanto S.T, M.T, Ir. Amien Rahardjo MT., Dr. Ir. Anak Agung Putri Ratna M.Eng., Ir. Aries Subiantoro M. SEE, Ir. Arifin Djauhari MT, Dr. Ir. Arman D. Diponegoro , Prof. Dr. Ir. Bagio Budiardjo M.Sc., Prof. Drs. Benyamin Kusumoputro M.Eng., Dr.Eng, Prof. Dr. Ir. Dadang Gunawan M.Eng., Ir. Djamhari Sirat M.Sc., Ph.D, Prof. Dr. Ir. Djoko Hartanto M.Sc, Dr. Ir. Dodi Suidiana M.Eng., Dr.-Ing Eko Adhi Setiawan ST.MT, Prof. Dr. Ir. Eko Tjipto Rahardjo M.Sc., F. Astha Ekadiyanto S.T., M.Sc., Ir. Fajardhani MM., Dr. Ir. Feri Yusivar M.Eng., Dr. Fitri Yuli Zulkifli S.T., M.Sc., Ir. Gunawan Wibisono M.Sc., Ph.D., Prof. Dr. Ir. Harry Sudibyo M.Sc., Ir. Hartono Haryadi M.Phil, Ir. I Made Ardita Y MT, Prof. Dr. Ir. Iwa Garniwa M. K. MT, Dr. Iwan Krisnandi , Prof. Dr.-Ing. Kalamullah Ramli M.Eng, Dr. Ir. Muhamad Asvial M.Eng., Muhammad Salman S.T., MIT, Prof. Dr. Ir. Nji Raden Poespawati MT, Ir. Ny. Rochmah N Sukardi M.Sc., Dr. Ir. Purnomo Sidi Priambodo M.Sc., Dr. Ratno Nuryadi , Dr. Ir. Retno Wigajatri Purnamaningsih MT., Dr. Ir. Ridwan Gunawan MT., Prof. Ir. Rinaldy Dalimi M.Sc., Ph.D, Prof. Dr. Ir. Riri Fitri Sari M.Sc., MM, Prof. Dr. Ir. Rudy Setiabudy MSc., Ir Sri Rejeki Dipl.Ing., Dr. Ir. Uno Bintang Sudibyo M.Sc., Ph.D, Ir. Wahidin Wahab MSc., PhD, Dr. Ir. Waseso Segoro MM,</p>
Peraturan	<p>Doctoral program is a scheduled academic program which consisted of basic skill education, speciality and research. The student will be granted "Doktor" degree with these requirements:</p> <ol style="list-style-type: none"> <li>1. Passed 48 SKS (credits) with IPK <math>\geq</math> 2,75 and minimum scores of C;</li> <li>2. Length of study is not more than 10 semesters;</li> <li>3. Fulfilled all academic and administration requirements.</li> <li>4. Passed the qualification, dissertation research proposal, pre-promotion and promotion examinations, respectively.</li> </ol>
1. Syarat pendaftaran	<ol style="list-style-type: none"> <li>1. Master degree from national or international universities accredited by Universitas Indonesia;</li> <li>2. Passing qualifications include: academic record, research experience, research field of previous degree, research abstract, the availability of Promotor in the research area, and applicants'</li> </ol>





	<p>integrity;</p> <p>3. Applicants who passed the examination should register to the university accordingly in the corresponding semester;</p> <p>4. Applicants who missed to register during registration period will be announced as withdrawals;</p> <p>5. Registration postponement could be granted for max. period of 1 year after specified procedure.</p>
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