RESEARCH AND COMMUNITY SERVICES @ FACULTY OF ENGINEERING UNIVERSITAS INDONESIA

SALEMBA CAMPUS

DEPOK CAMPUS

FACULTY OF ENGINEERING
www.eng.ui.ac.id

Universitas Indonesia
Campus
Depok Campus, 320 ha

CENTRAL MOTIVATION OF RESEARCH at UNIVERSITAS INDONESIA:

URBAN ISSUES

JAKARTA CITY

DEPOK CITY

EXISTING CHALLENGES

UNIVERSITAS INDONESIA

FACULTY OF ENGINEEERING

RESEARCH CENTRAL FOCUS

INTEGRATED DESIGN IN URBAN ECO-TECHNOLOGY FOR QUALITY HUMAN LIFE AND ENVIRONMENT

STRATEGIC AND PRIORITY AREAS:

- New & Renewable Energy
- Urban Planning & Transportation
- Clean Water and & Food Resilience
- Waste treatment & Environment Conservation
- Health and Biomedical Applications
- Maritime

MAIN OBJECTIVES:

- INNOVATIVE PRODUCTS FOR SOCIETY
- HIGHLY INTERNATIONAL RECOGNITION WITH REPUTABLE PUBLICATION

CIVIL ENGINEERING

"Green Infrastructure by Design"

More Information:
Phone: +62-21-727-0029
Email: sipil@eng.ui.ac.id
Web: http://www.civil.eng.ui.ac.id

Environmental Engineering:
Water supply and management;
Liquid and solid waste; pollution control and prevention;
Hazardous waste management; and soil surface quality.
Water Engineering: focuses on rainwater management;
Water related green infrastructure;
Integrated and ground and surface water management;
Water related disaster management;
Water resources management; and
Sediment contaminant and transport.

Transportation Engineering:
Public transportation planning and development;
Traffic impact, management, and safety;
Master plan and policy.

Geotechnical Engineering:
Peat soil;
Pavement geotechnical;
Geosynthetic-reinforced earthwork;
Earthquake;
Landslide;
Unsaturated soil behavior; and
Bio-grouting of sandy soils.

Structural Engineering:
Concrete technology and engineering;
Fiber-reinforced concrete;
Polymer concrete;
Waste and recycled concrete;
Public building,
Structural studies and design;
Advanced structural analysis; and
Masonry structures and materials.

Project Management and Value Engineering:
The application of project management in construction and transportation industry.

Advanced Manufacturing Technology and Automation:
Micro-fabrication and intelligent manufacturing systems.

Thermal and Fire Safety Engineering:
Fundamental study of lifted flames;
Downdraft biomass gasification;
Biofuel for automotive applications; and
Fire safety engineering such as spontaneous combustion, fire calorimetry, smoke detection, flame spread and development of water-mist technology.

Advanced Refrigeration Systems and Technology:
Design and construction for high efficiency refrigeration and air conditioning including the works for green building, cold storage, vacuum and freeze drying, methane storage, low temperature cascade and green building technology.

High Efficiency Fluid Engineering:
Advanced turbulent control for manufacturing processes and vehicle aerodynamics, micro-bubbles application, advanced drag reduction techniques, and micro-turbo machinery.

Advanced Heat Transfer Technology:
Heat and relevant mass transfer in spray drying, forced and natural convection of nanofluids. thermophoretic force, thermal measurement techniques, thermoacoustics, evaporation in small tubes and (some applications in heat exchanger, thermoelectric cooler, and cryosurgery.

Naval Architecture and Marine Engineering:
Ship resistance and power effectiveness for small ship; ship structural design; novel ship materials; and marine transportation.

MECHANICAL ENGINEERING

"Energy Conservation through Efficient Design and Manufacturing"

More information:
Phone: +62-21-727-0032
Email: mesin@eng.ui.ac.id
Web: http://mech.eng.ui.ac.id

ELECTRICAL ENGINEERING

"Renewable Energy, Electronics and ICT for Urban Communities"

More Information
Phone: +62-21-787-0078
Email: elektro@ee.ui.ac.id
Web: http://www.ee.ui
.acc.id/research.php

Power and Renewable Energy:
Energy system such as solar cell, wind turbine, micro-hydro, micro-turbine, and diesel generators.

Sensor and Electronic Devices:
Micro-electro mechanical systems (MEMS), photonics, communication electronics, medical sensors, nanodevices, optical sensors, and corrosion sensors devices.

Multimedia and Network:
Design and realization of distributed multimedia system architecture to convey multimedia information over networks.
Optoelectrotechnique and Remote Sensing: focuses on optics, remote sensing, and image processing.

Digital Signal Processing:
Array processing, pattern recognition, radio software, spectral analysis, coding and modulation, and wireless applications.

Propagation and Microwave Antenna:
Novel micro strip antenna design for cellular and satellite communications and ultra wide band (UWB) components and systems.

Mobile Communication:
Telecommunication engineering, satellite constellation design and high altitude platform (HAP), integration of satellite and terrestrial networks, mobility and traffic management for cellular and maximum segment size (MSS) networks, cross layer optimization, network dimensioning, broadband wireless access (BWA) and UWB communications systems.

Real Time Measurement and Control:
Nonlinear systems and control, robust control for time delay systems, neural networks, fuzzy logic, control and embedded system and decision making.

METALLURGICAL & MATERIALS ENGINEERING

"Eco-based Materials Design and Processes"

Advanced Materials:
Nanostructured materials used for solar cell, cell labelling, and mesopores applications; geopolymer used as a replacement for Portland cement and for advanced high-tech composites, ceramic applications or as a form of cast stone; aluminium foams; nanocomposites; metal matrix composites; polymer matrix composites, ceramic matrix composites, materials development for high capacity battery used in electrical car; and bipolar plates for fuel cell applications.

Materials Chemistry and Corrosion Protection:
Materials selection process and corrosion prevention through materials manipulation and engineering including natural product inhibitors; ores processing by utilizing local energy resources and reducing agents such as low grade coal and charcoal.

Materials Manufacture:
Developing a more efficient method in materials processing such as casting, forming, and welding, especially to support industries in Indonesia; materials processing and simulation; development of high strength zero-defect nano-precipitates; high strength low alloys development through a processing and heat treatment; and processing-properties-microstructure relationship in metallic materials; development of light alloys used for body armour and combat vehicle as well as failure analysis of component and structures.

More information:
Phone: +62-21-786-3510
Email: info@metal.ui.ac.id

ARCHITECTURE

"Eco-Architecture"

Ethno Architecture:
The social, cultural, and technological aspect of hinterland indigenous building.
Housing and Settlement:
Living transformation pattern of kampong and high rise living structures as well as coastal and archipelagic settlement problems.

Building Science and Technology:
Alternative building materials and tropical sustainable building and urban space problems.

Architectural History and Theory:
Urban history and heritage conservation.
Urban Design and Plan: Spatial patterns caused by migration, tropical spatial distribution of livable space, and design activism for empowering local community.
Environmental Psychology: Crowding and sustainability of alternative utilization of space.

More Information
Phone: +62-21-786-3512
Email: ars@eng.ui.ac.id; architecture@ui.ac.id
Web: http://architecture.ui.ac.id

CHEMICAL ENGINEERING

"Sustainable Chemical and Bioengineering for Energy and Product Development"

Chemical and Natural Product Design:
Natural based product, design of various chemical reactors, and performance of various chemical reactions through experimentation as well as computer based modeling and simulation.

Sustainable Energy:
The sustainability of energy supply, greenhouse effect, energy efficiency, green and renewable energy resources; development of novel materials for energy, clean combustion, hydrogen production and fuel cells, energy storage, clean fossil fuels/coal-bed methane, bioenergy; and sustainable energy systems and policy.

Industrial Bioprocess:
Conversion of biological materials into other useful forms, bioenergy, environmental biotechnology, functional food, molecular modelling, bio-catalysis and biomass.

Process Intensification:
Development of smaller, cleaner, and more efficient technology that leads to lower energy and materials use in the bulk chemical industry.

More information:
Phone: +62-21-786-3516
Email: dtk@che.ui.ac.id
Web: http://che.ui.ac.id

INDUSTRIAL ENGINEERING

" Integrated Systems Design through Sustainable Service System"

System Engineering:
The optimization of vehicle and passenger queuing in a transportation process.
Industrial Economics:
focuses on various economics model for industry and industrialization of engineering product.

Ergonomics:
Ergonomics study of engineering products.

Product Design:
Product and process development in manufacturing and service industry by using conjoint analysis.

Production System:
Production system development through manufacturing simulation laboratory.

More information:
Phone: +62-21-7888-8805
Email: tiui@ie.ui.ac.id
http://ie.ui.ac.id

UNIVERSITAS INDONESIA

FAKULTAS TEKNIK

Produk Inovatif Karya Anak Bangsa : “MENGABDI UNTUK NEGERI”

BIO NICO & Bi GOGO

Lotion Herbal Anti Nyamuk dan Pestisida Alami
Berbahan Dasar Tembakau

Prof. Dr. Ing. Ir. Misri Gozan, M.Tech.

FAKULTAS
TEKNIK

PROPOLIS

Melipolis

Dr. Eng Muhamad Sahlan, S.Si, M. Eng.

FAKULTAS TEKNIK

INKUBATOR BAYI

Prof. Dr. Ir. Raldi Artono Koestoer, DEA

Bayi yang lahir pada usia kehamilan kurang dari 37 minggu bisa dikatakan bayi prematur. Mahalnya biaya serta lamanya pemakaian inkubator, menyebabkan beberapa kalangan masyarakat, khususnya kalangan menegah ke bawah, tidak dapat menggunakan peralatan tersebut. Oleh karena itu, Prof. Dr. Ir. Raldi Artono Koestoer, DEA (pencetus program) dan TIM INKUBATOR FTUI mempunyai program PEMINJAMAN GRATIS INKUBATOR (khusus di rumah)..

MULTIGREENS,

LAMPU HIAS MULTIFUNGSI TEKNOLOGI NANO KOMPOSIT

Prof. Dr. Ir. Slamet, M.T.

Multigreens adalah lampu yang efektif untuk memerangkap dan membunuh nyamuk, baik di dalam maupun luar ruangan (indoor atau outdoor). Dirancang aman bagi manusia dengan teknologi proses nano-fotokatalisis/komposit yang memanfaatkan energi foton (cahaya) dan katalis semikonduktor, tidak seperti obat nyamuk lain berupa obat semprot, bakar, oles dan elektrik yang sangat berbahaya bagi kesehatan.

C O O L B O X

Dr. Ir. Imansyah Ibnu Hakim

Coolbox ini dapat digunakan untuk menyimpan bahan-bahan material yang memerlukan kondisi dingin, seperti makanan, minuman, vaksin, darah, ASI (air susu ibu), dan lain sebagainya, disamping membantu para kurir atau pengendara yang ingin menyimpan makanan atau minuman agar tetap segar. Alat tersebut bekerja berdasarkan prinsip *Coolbox* ini berbasis efek **termoelektrik** dari **elemen *Peltier*,** sehingga sama *sekali* tidak menggunakan fluida freon sebagai media pendinginnya, menjadikan *coolbox* ini sangat ramah lingkungan. Temperatur di dalam *coolbox* bisa mencapai 10°C

FAKULTAS TEKNIK

SOLAR HEAT AIR CONDITIONER

Prof. Dr. Ir. Muhammad Idrus Alhamid

Prinsip kerja dari alat pendingin tersebut adalah panas matahari digunakan untuk memanaskan air, kemudian diolah melalui beberapa tahapan hingga menghasilkan air bersuhu sekitar 7 derajat celcius. Air dingin tersebut kemudian disalurkan pipa kepada fan coil yang terpasang pada setiap ruangan sehingga mengurangi penggunaan listrik . Jika pada pendingin biasa komponen chiller selalu berisikan Freon, maka pada SWH ini diganti dengan cairan air yang bercampur garam lithium bromida (LiBr), yang tidak perlu sering diganti karena cukup dimasukkan sekali pada absorbsion chiller dan akan terus bekerja hingga kisaran 15 tahun kemudian.

SEMEN GEOPOLIMER

BETON CEPAT KERING BERBAHAN LIMBAH

Dr. Ir. Sotya Astutiningsih, M.Eng

Kelebihan dari semen geopolimer adalah waktu keringnya yang sangat cepat singkat sehingga dalam waktu singkat beton dapat digunakan. Semen yang terbuat dari bahan baku abu terbang dan larutan natrium silikat ini bila digunakan untuk membeton jalan raya, maka dalam waktu 24 jam, jalan sudah mengeras sempurna, dan siap menerima beban maksimal. Padahal, semen konvensional baru bisa mencapai kekuatannya setelah 28 hari.

PEMBANGKIT LISTRIK TENAGA ANGIN (WIND TURBINE)

Prof. Dr. Ir. Adi Surjosatyo, M.Eng

Pemanfaatan energi baru terbarukan menjadi sebuah kewajiban untuk segera diterapkan. Tingginya kebutuhan energi di Indonesia dan menurunnya produksi bahan bakar fosil, menjadi masalah yang harus segera dipecahkan. Salah satu solusi yang sedang dikembangkan oleh Prof. Dr. Ir. Adi Surjosatyo, M.Eng. adalah menggunakan energi angin untuk dimanfaatkan sebagai sistem pembangkit listrik menggunakan turbin angin.

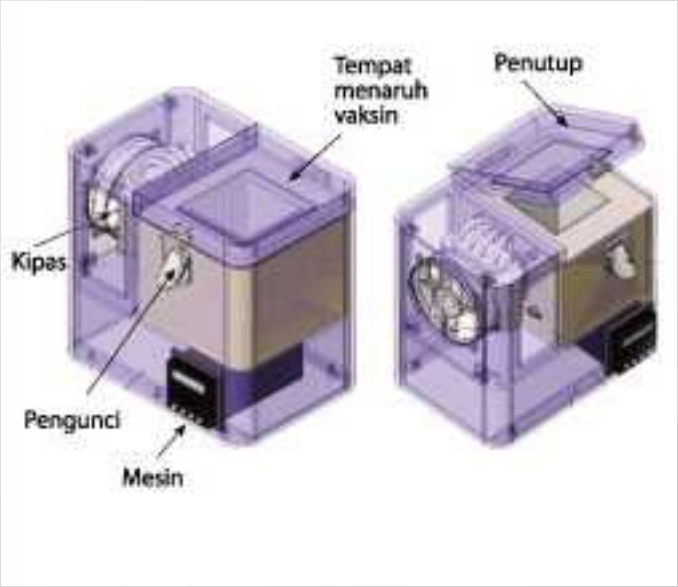
ASPAL DARI BATUAN ASBUTON

Asbuton (AspalButon) merupakan aspal alam terbesar di dunia yang depositnya terdapat di Pulau Buton Provinsi Sulawesi Tenggara. Berbeda dengan aspal minyak yang berasal dari penyulingan minyak bumi, asbuton berasal dari minyak bumi yang terdorong muncul kepermukaan menyusup diantara batuan yang porous sehingga kadar Asbuton lebih didominasi oleh keberadaan mineral berupa $CaCO_3$. Di antara kelebihan asbuton antara lain stabilitas campuran yang lebih tinggi, mampu meningkatkan umur konstruksi jalan serta lebih tahan terhadap perubahan suhu.

Prof. Dr. Ir. Mohammad Nasikin, M.Eng

PORTABLE VACCINE COOLER HEMAT ENERGI

Prof. Dr. -Ing. Nandy S.Putra



Portable vaccine carrier dikembangkan dengan menggunakan sistem thermoelectric heat pipe. Thermoelectric adalah suatu sistem pendingin yang mampu menghasilkan perbedaan suhu (panas dan dingin) di kedua sisinya sehingga tidak memerlukan energi tambahan dari luar. Alat ini di desain dengan menggunakan batterei 12 volt untuk menjalan efek thermoelectric tersebut , dan bisa juga dengan memakai modul solar sel sehingga sangat hemat energi. Untuk merakitnya hanya diperlukan 1,5 jam saja.

FAKULTAS TEKNIK

FAC.OF ENGINEERING UI RESEARCH CENTERS

- MOLINA-UI, MAKARA ELECTRIC VEHICLE (MEVi)
- TROPICAL RENEWABLE ENERGY CENTER (TREC)
- CENTER FOR SUSTAINABLE INFRASTRUCTURE DEVELOPMENT (CSID)
- RESEARCH CENTER FOR BIOMEDICAL ENGINEERING (RCBE)

Research Center for Electric Vehicle Development : MOLINA-UI, MAKARA ELECTRIC VEHICLE (MEVi)

UNIVERSITAS INDONESIA
Veritas, Probitas, Iustitia

Green Legacy for Brighter Future

MOLINA EV-BUS
Green Legacy for Brighter Future

UI go greener

RISTEKDIKTI

lpdp
lembaga pengelola dana pendidikan

SUB-CLUSTERS of MOLINA-UI:

1. Mechanical and Driving System (Code: M1)
2. Thermal Management System (Code: M2)
3. Electric Motor System (Code: E1)
4. Intelligent System (Code: E2)
5. Charging System (Code: MT1)
6. Battery System (Code: MT2)
7. Social Study (Code: K)

Research Center: TROPICAL RENEWABLE ENERGY CENTER (TREC)

SUB-CLUSTERS:

- Renewable Energy System Engineering
- Solar Thermal Cooling And Refrigeration
- Nanostructure Energy Materials
- Energy Storage Materials
- Power Electronics, Grid And Control
  Biomass And Gasification
- Environment Protection

Research Center: CENTER FOR SUSTAINABLE INFRASTRUCTURE DEVELOPMENT (CSID)

SUB-CLUSTERS:

- Finance and Asset Management
- Sustainable Mobility
- Sustainable Water Management
- Sustainable Energy

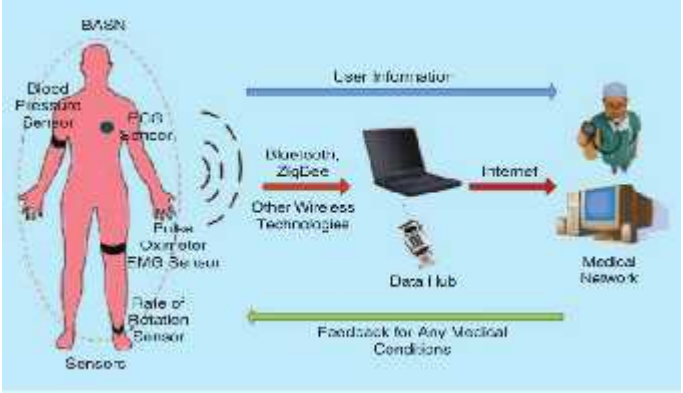
Center for Sustainable Infrastructure Development
Pusat Kajian Pembangunan Infrastruktur Berkelanjutan

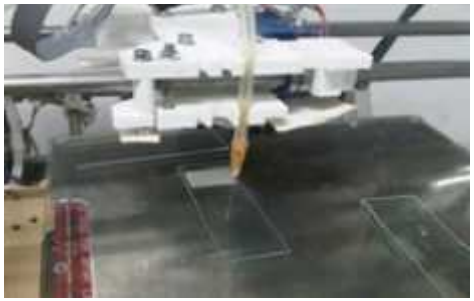
Research Center for BIOMEDICAL ENGINEERING (RCBE) FTUI

ON GOING WORKS:

- Fabrication of Degradable Materials : Fe-Mn-C for **Bone Implant** or **Coronary Stent**
- Development of **Orthodontic Bracket** by Using Investment Casting
- Developing and Testing **Lab-o n-Chip Device** for Biomedical Applications
- Engineering Multi Material Scaffolds for Hard to Soft **Tissue Regeneration**
- **Wireless Medical System Research**
- Nanoencapsulation of **Indonesian Herbs Extract** by Casein Micelle
- Application of **Encapsulation Technology for Cosmetics** Formula

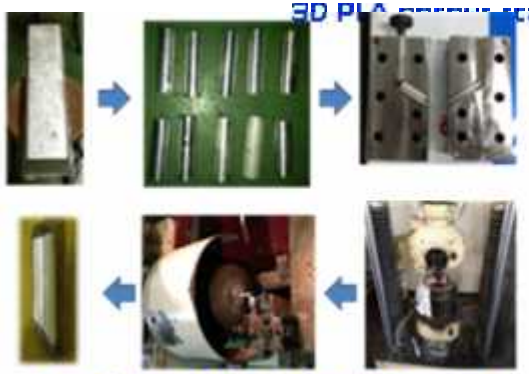
Breast Cancer Early Detection



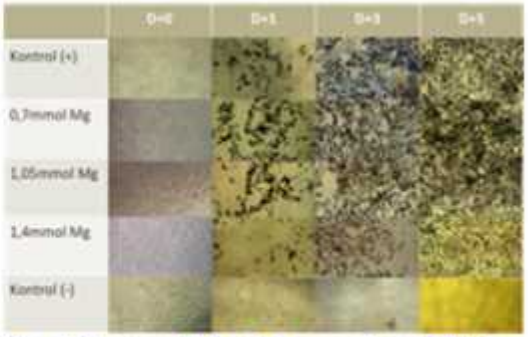


BioPrinting: Scaffolds fabrication

3D PLA porous scaffolds



Equal channel angular processing



Toxicity result for Magnesium ECAP

UI-INTERGRATED BIODIESEL TEACHING FACTORY DEVELOPMENT PROJECT

Industries

Integrated Teaching Factory

Problem Optimation and Intensification, and Trouble Sooting

Universitas Indonesia

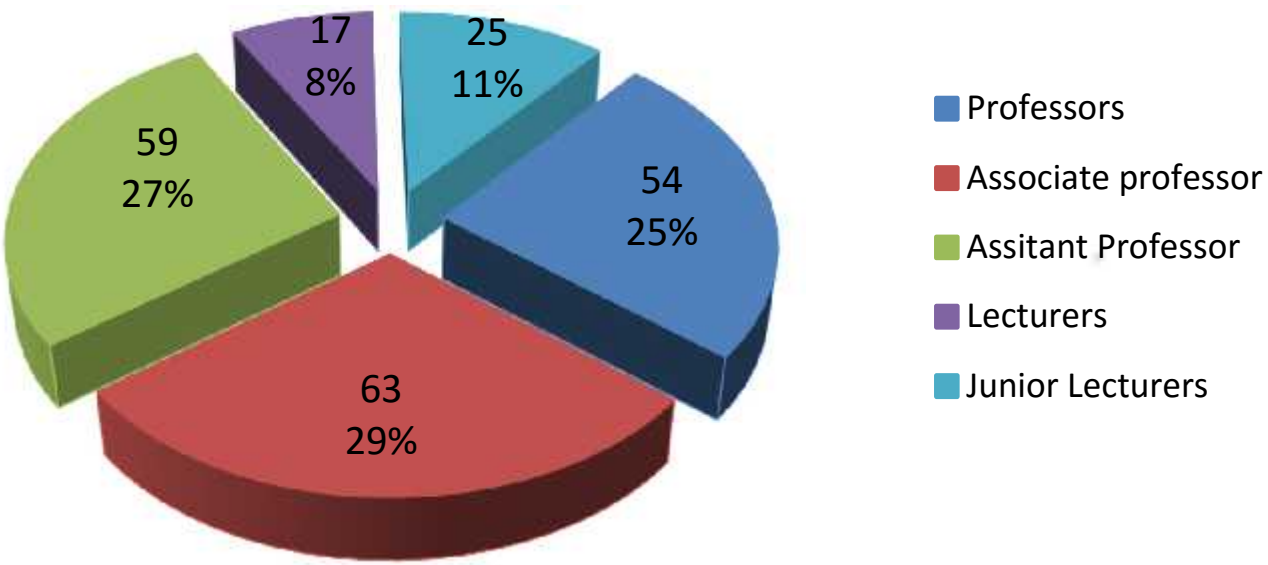
Knowledge and skill transfer

Teaching and Leaning Scheme

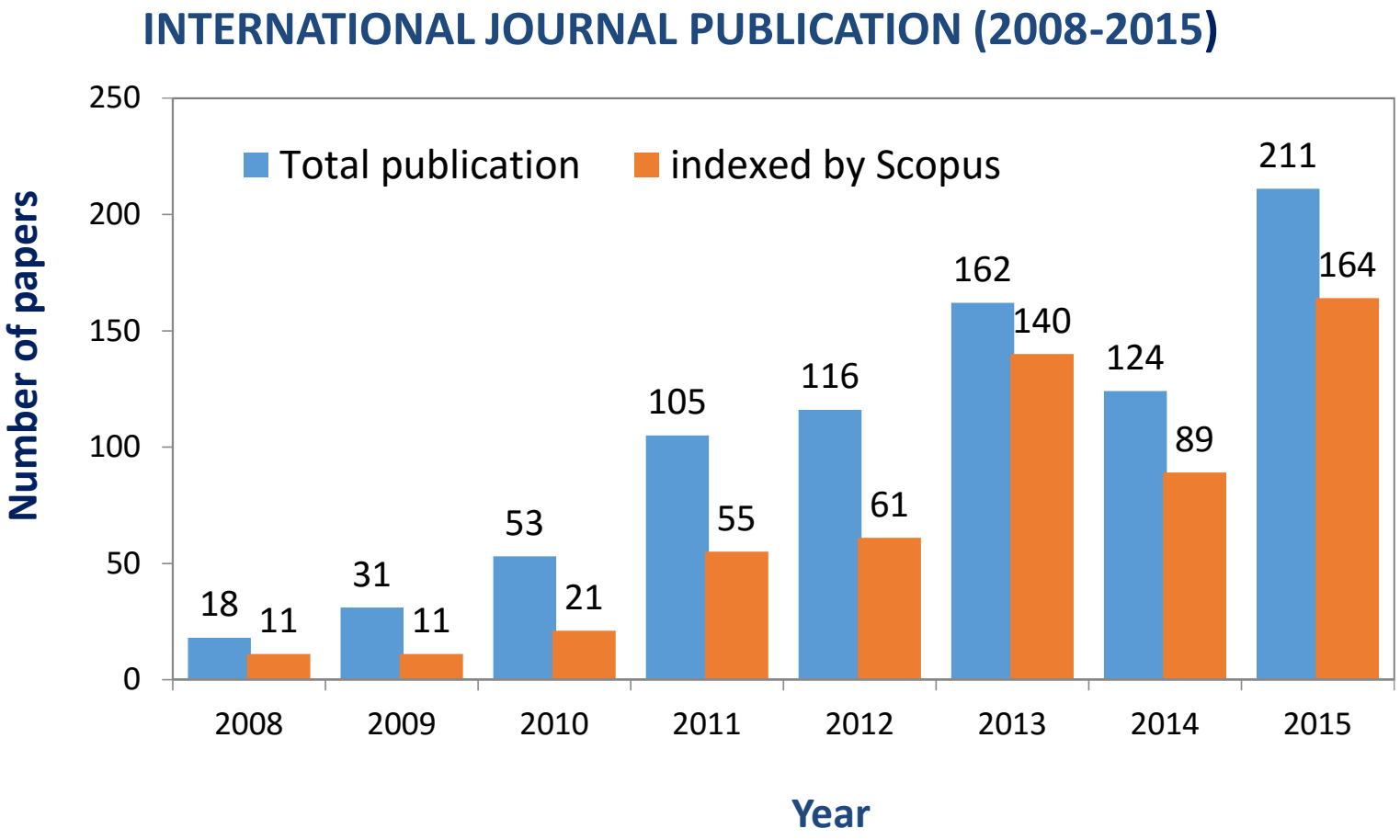
Research

Expertise and Competence

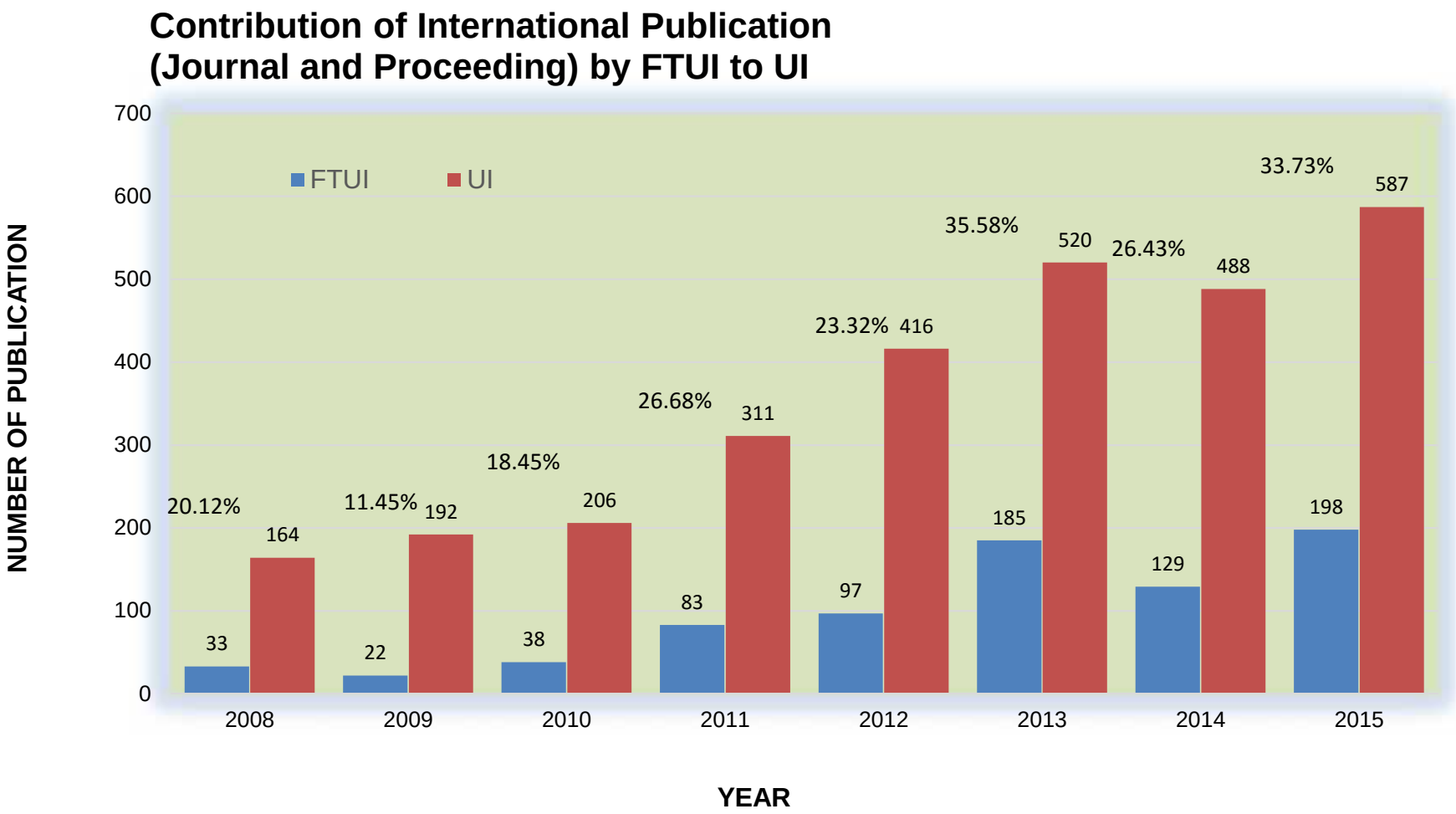
DISTRIBUTION OF ACADEMIC STAFFS



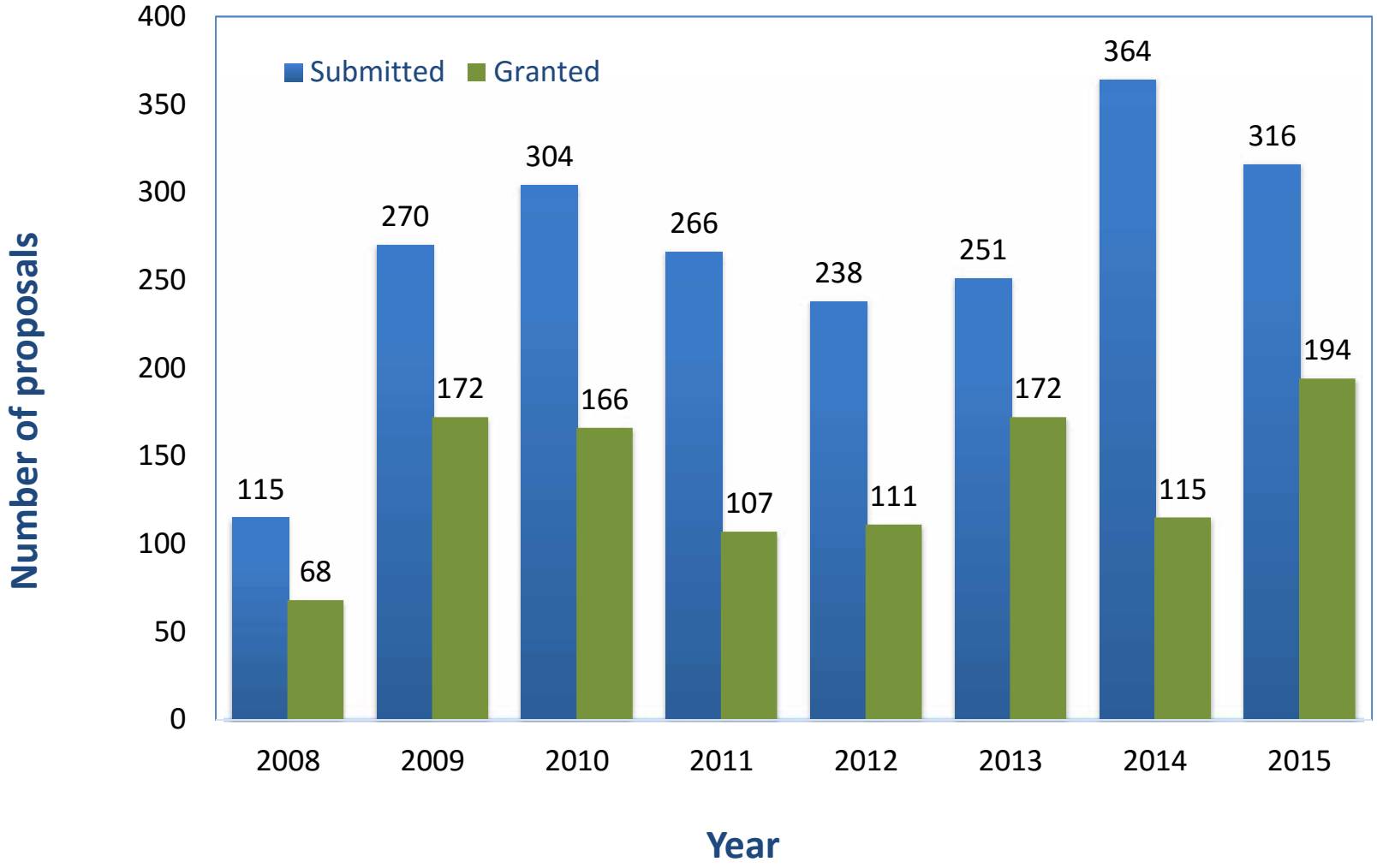
INTERNATIONAL PUBLICATIONS:



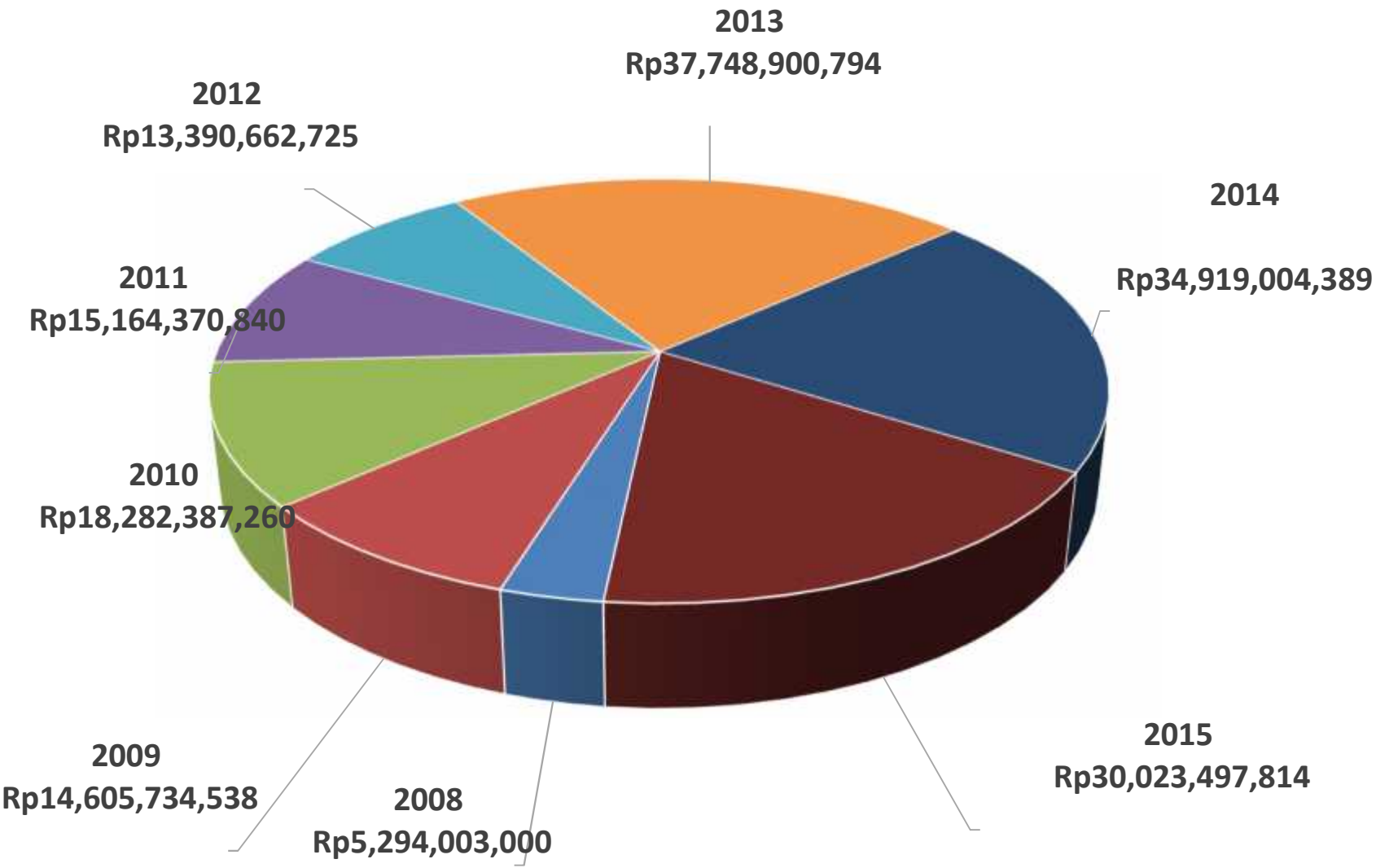
INTERNATIONAL PUBLICATIONS:



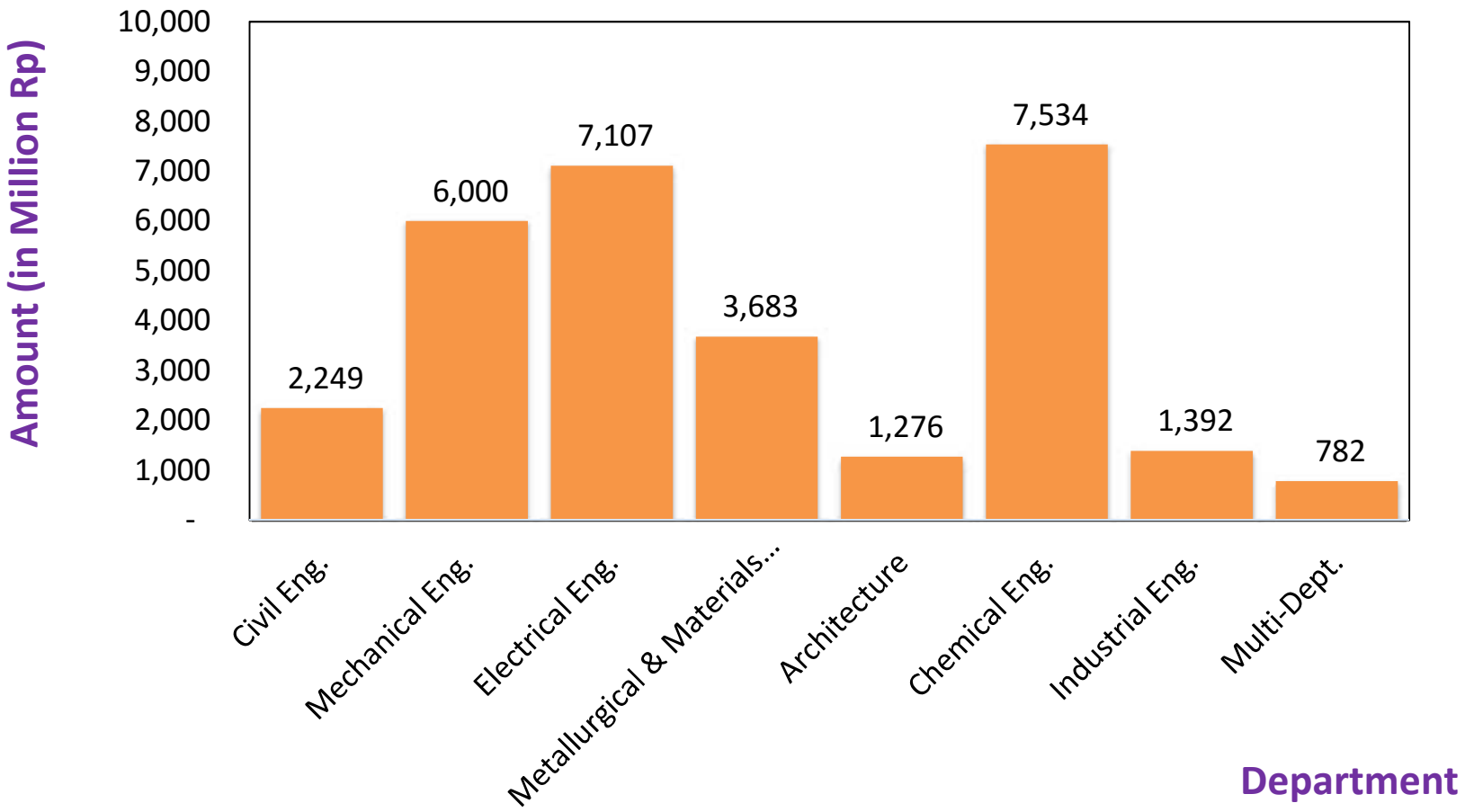
NUMBER OF RESEARCH PROPOSALS 2008-2015:



YEARLY RESEARCH FUNDING:



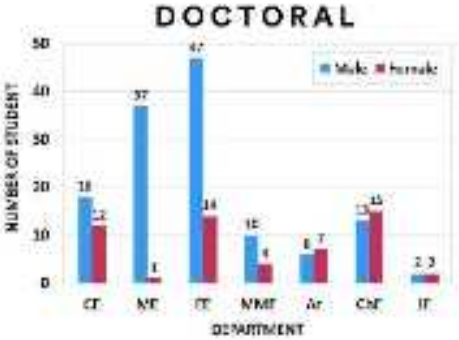
RESEARCH FUND OBTAINED BY DEPARTMENTS IN 2015



WOMEN IN
ENGINEERING

UNDERGRADUATE
Male
Female
NUMBER OF STUDENT
CE
ME
EE
MME
Ar
CHE
IE
DEPARTMENT

MASTER
Male
Female
NUMBER OF STUDENT
CE
ME
EE
MME
Ar
CHE
IE
DEPARTMENT


DOCTORAL
Male
Female
NUMBER OF STUDENT
CE
ME
EE
MME
Ar
CHE
IE
DEPARTMENT

ACADEMIC STAFF
33.65%
66.35%
Men
Woman

STUDENT ACHIEVEMENT

UNIVERSITAS INDONESIA

FACULTY OF ENGINEEERING

International

Contest	Date	Achievement	Name
STARTUP WEEKEND BANDUNG (STARTUP WEEKEND FOUNDATION)	April 2015	2nd Place	Nisrina Mutmi A'12 / Prawitasari FPs UI'09 / Jochi A.S. E'11 / Fayetullah ITENAS'09 / Richard FISIP UI'09 / Michael Kyoto'09
INTERNATIONAL BIOTECHNOLOGY COMPETITION AND EXHIBITION (IBCEX)	12 Apr 2015	1st Place	TIM CHEESAVA : Sri Ayu Lestari / Anifah Seeful R. / Kristie Imelda M.
INTERNATIONAL BIOTECHNOLOGY COMPETITION AND EXHIBITION (IBCEX)	12 Apr 2015	Best Innovation	TIM CHEESAVA : Sri Ayu Lestari / Anifah Seeful R. / Kristie Imelda M.
APPCHE (CHEM-E-CAR)-AUSTRALIA	Oct 2015	Best Performance	TIM NAYAKA : Uswatun / Zulfikar A. / Ferendy H.
CHERNIVAL ITS	24-25 Apr 2015	Best Economic Car: RHINO Team	RHINO (Muchtazzam M. / Anju S. / M. Syafaruddin / Fathi), CANOPUS (Uswatun / Fachryan / Agil R. / Jeremia I. / Faraj S.), NAYAKA (Nisrina H. / Ferendy H. / Siti Zunuraen / A.Fauhe N. / Zulfikar A.)
PROJECT MANAGEMENT CHALLENGE - PROJECT MANAGEMENT INSTITUTE	May 2015	Best Project Manager	Rizacky Hendratama TI'12/ Fashal TI'12/ Tubagus Rafiar TI'12/ Rizky Nur Iman TI'12
TRANSPORTATION CLUSTER YES SUMMIT 2015	2015	Best Presentation	
BUSAN CHORAL FESTIVAL & COMPETITION	2015	1st Place	VOCALISTA ACADEMIA UI (Anggota: Rengga Maheza TI'14)
BANDUNG MARCHING BAND CHAMPIONSHIP, BRASS BAND	2015	1st Place	MADAH BAHANA UI (Anggota : Firas Ammar TI'14)
INTERNATIONAL CONFERENCE ON ENGINEERING, TECHNOLOGY, AND INNOVATION JAPAN 2015	Nov 2015	Best Paper	Sarah Alya F. Mt'13 / Agis Rahma F. Mt'13 / Laurensia Mt'13
BRIDGE DESIGN COMPETITION UNDIP 2015	Nov 2015	1st Place	Florensia V. S'12 / Silvia S'12 / Novanta L S'12
ROBOTIC CONTEST INDONESIA REGIONAL II 2015 - DIKTI	25 Apr 2015	3rd Place	Farid* Tekkom'12/ Sasadhi Tekkom'12 / Silvia Sastra Jawa'13 / Monica S. A'12 / Cindy T. A'13
WORKSHOP SERIES MANA INDONESIAMU TEH JAVANA PT WINGS	17 May 2015	Best Content / Best of the Best	Nadya Noor A'13 / Dinda L* FISIP'12 / Sharen FISIP'12 / Sabila A. FISIP'13 / Indrie FISIP'12 / Qolbi FISIP'14 / Cora FISIP'12 / Bhaskara FISIP'12
4TH ASIAN CONTEST FOR ARCHITECTURAL	August 2015	Gold Award (2nd	Tia Aprilasari A'12
		Gold Award (2nd Place) / Indonesian Delegation	Tia Aprilasari A'12
		1st Place	Faraj* TK'13 / Azky Vokasi'13 / Fahmi Jonuar A'13
		1st Place	Tethiyah N.F.* PPArs'14 / Dio Guna P. PPArs'14 / Annisa Dienfitrah PPArs'14 / Putan S.U. PPArs'14
		1st Place, Category: Interior	Vivien Deasy* A'12 / Tommy Tenedy A'12 / Kangara Ubasdi A'12 / Alvin Lorenza A'12
		1st Place	Yolla Miranda* / Paramita Dona / Martini Altyra / Shoff'yah Iooj
5		1st Place	TIM ACHALESWARA UI: Ingrid Rosalyn LS. / Erinda Pandu P. / Elia Benny V.S.
NATIONAL GREEN SCIENTIFIC COMPETITION (LKTIN GSC) - UNS	April-June 2015	1st Place	Bintang Samudra M'12 / Dick Bernardi M'12 / Marin Muhammad M'12
ENERGY-SAVING CARS COMPETITION 2015 (KMHE DIKTI)	21-25 Oct 2015	1st Place, Category: Gasoline Prototype	TIM NAKOCLA HORE (UI SMV)
ENERGY-SAVING CARS COMPETITION 2015 (KMHE DIKTI)	21-25 Oct 2015	1st Place, Best Design Category: Vehicle Prototype	TIM NAKOCLA HORE (UI SMV)
ENERGY-SAVING CARS COMPETITION 2015 (KMHE DIKTI)	21-25 Oct 2015	1st Place, Category: Urban Concept Gasoline	TIM SADEWA HORE (UI SMV)

UNIVERSITAS INDONESIA

Veritas, Probitas, Iustitia

FACULTY OF
ENGINEEERING

HOW IS STUDENT INVOLVEMENT ?

UNIVERSITAS INDONESIA

FACULTY OF ENGINEERING

- RESEARCH TEAM MEMBERS
- STUDENT SCIENCE AND TECHNOLOGY COMPETITION EVENTS
- COMMUNITY SERVICES PERSONNELS

HOW IS POST-GRADUATE STUDENT CONTRIBUTION FOR RESEARCH AND PUBLICATION?

AS RESEARCH TEAM MEMBERS UNDER PROMOTOR/CO-PROMOTOR SUPERVISION:

- Comprehensive literature study and Finding the "niche" and novelty of the research
- Proposal write-up (personal, group) and submission procedure to DRPM, Kemristekdikti or others
- Execution: Experimentation (lab. modelling), Field Study
- Collecting data and analysis
- Intensive discussion with supervisors and colleagues
- Write-up the results into scientific manuscript (for international/national journal and conference proceeding).
- Submit to publishers (check the Quartile rank: Q1, Q2, Q3 and Q4).
- Present orally in open seminars (international and indexed by Scopus is preferred).

WHAT CAN BE OFFERED BY RESEARCH AND COMMUNITY SERVICES (RPM) UNIT FTUI?

- WORKSHOP AND COACHING CLINICS FOR WRITING:
  - RESEARCH PROPOSAL
  - SCIENTIFIC JOURNAL
  - PATENT DRAFTING
- LINE-EDITING PROCESS
- FTUI JOURNAL CLUB: sharing media, more intensive coaching in particular field.
- INCENTIVE FOR INTERNATIONAL PUBLICATIONS (SUBMITTED, RECEIVED, ACCEPTED/PUBLISHED)

WELCOME TO

FACULTY OF ENGINEERING

UI