

Cooperation and Research

PROFILE

FACULTY OF ENGINEERING, SCIENCE AND TECHNOLOGY



Prepared by: Cooperation and Research office

2016

Foreword



Faculty of Engineering, Science and Technology (FoEST) of National University of Timor Lorosa'e (UNTIL) has its own vision to be the Center of Excellence for Science and Technology in Timor-Leste. To achieve that vision, the FoEST puts more effort to create an appropriate academic environment for education and research activities through cooperation with national and international agencies.

Since UNTL established back in 2000, the FoEST has started its technical cooperation with Japan International Cooperation Agency (JICA), which mainly supporting laboratory equipments for research activity, capacity development for faculty staffs and better improvement of faculty management.

In order to conduct more technical cooperation in a way of achieving mutual comprehensive objective among parties, the FoEST expanded its structural function, namely Vice Dear for Research and Cooperation Affairs to promote research and cooperation activities. Under the role of this division, we hope that the FoEST will be able to provide sufficient information, identify all necessary demand and needs, and provide gaps and opportunity for further cooperation with existing and/or other new parties.

Finally, we are and always in strong commitment to cooperate with you, to improve the quality of education in engineering field. Through education and research in FoEST, we are aiming to educate promising students who can actively contribute to the national development and society in Timor-Leste.

Hera, May 2016

Eng. Mariano Renato M. da Cruz, M.Eng
Dean of FoEST - UNTL

Foreword



In 2014, the new division was added to the existing hierarchy chart of the Faculty of Engineering, Science and Technology (FoEST), i.e. Cooperation and Research. The main task of this new division is to promote cooperation and research.

Of course Cooperation and research is not something new for the FoEST, since there have been many cooperation in the past and ongoing that involving the FoEST with other institutions. The FoEST will make sure to continue every possible cooperation with relevant institutions and strengthen research activities which can contribute to the national

development and society.

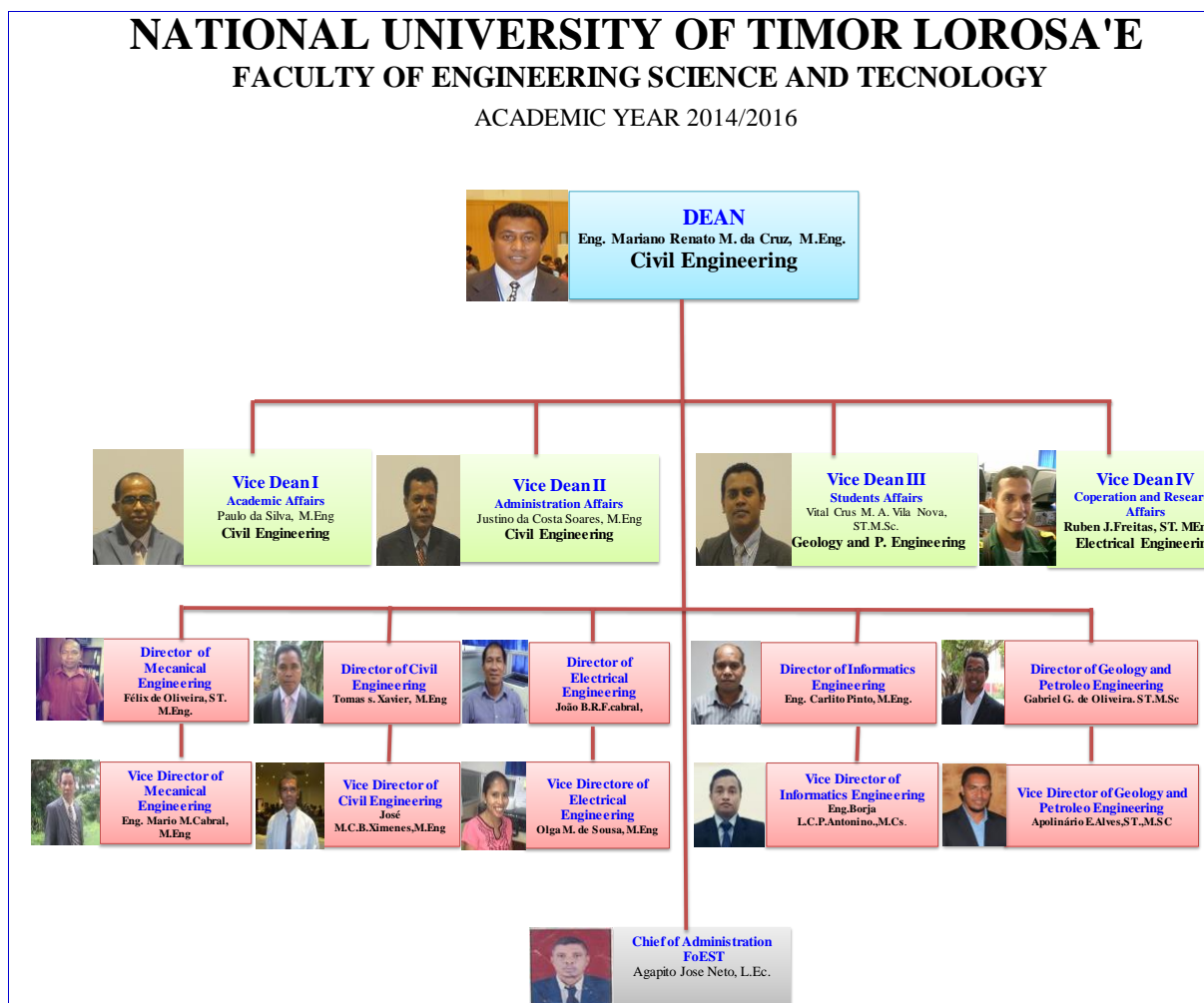
This simple booklet is just a brief overview on the Faculty of Engineering, Science and Technology and profile of lecturers in the five existing departments i.e. Civil Engineering, Electrical and Electronic Engineering, Geology & Petroleum Engineering, Informatics Engineering, and Mechanical Engineering. The purpose is to briefly introduce resources that the FoEST has.

Hope this booklet will provide immediate required information. The details can be obtained with every department in the FoEST.

Hera, May 2016

Ruben Jeronimo Freitas, MEngSc
Vice Dean IV of FoEST
Cooperation and Research Affairs

Structure of the Faculty of Engineering, Science and Technology 2014-2016



I. Background

The Faculty of Engineering, Science and Technology (FoEST), is one out of seven existing faculties under the Universidade Nacional Timor Lorosa'e (UNTL). The FoEST runs all its activities in UNTL Hera campus, about 10 kilometers to the east from Dili, originated from the former Polytechnic Dili (1990-1999) that was established under Indonesia government. In 2000, under the auspices of UNTAET by merging two academic institutions, the University of Timor-Timur (1986-1999) and the Polytechnic of Dili, UNTL was established. As the only public institution of higher education in Timor Leste, UNTL is crucial to provide an effective response to the creation of the human resource, fundamental to a sustainable and proactive in national socioeconomic development. After the establishment of the UNTL, Mr. Inacio Freitas Moreira, M.Eng was appointed as the first dean of the FEST.

The FoEST started its program by introducing the Diploma Program (D III) in 2000 which was mainly for three departments, i.e. Civil engineering department, Electrical and Electronic engineering department and Mechanical engineering department. In 2010, the D III program was terminated and shifted to undergraduate (S-1) program. Currently, the FEST has five departments for S-1 program; i.e.: Civil engineering department, Electrical engineering department, Geology & Petroleum department which was established in 2012, Informatics engineering department established in 2010, and Mechanical engineering department.

II. Vision and Mission of the FoEST

As an institution under UNTL, the FoEST also has its own vision and mission which described in the statute of the faculty of engineering, science and technology.

1) Vision

The Vision of the Faculty of Engineering, Science and Technology (FoEST):

1. The Faculty of Engineering, Science and Technology pursues the Vision of National University Timor Lorosa'e that is to be the Center of Excellence for Higher Education in Timor-Leste.
2. The Faculty of Engineering, Sciences and Technology pursues its own Vision, which is to be the Center of Excellence for Science and Technology in Timor-Leste.



2) Mission

The Faculty of Engineering, Science and Technology pursues the following mission
(Official-Portuguese version):

1. Promover uma cultura tecnocrática orientada para o desenvolvimento e baseada nas necessidades da comunidade;(To promote a technocratic culture oriented to the development and based on the needs of the community ;)
2. Produzir intelectuais e profissionais possuidores de conhecimento tecnocrático de qualidade e excelência;(To produce intellectuals and professionals who possess quality of technocratic knowledge and excellence ;)
3. Desenvolver actividades de pesquisa relativamente às áreas de tecnologia e informática com respeito pela sustentabilidade ecológica; (To develop research activities in the areas of technology and informatics that respect the ecology sustainability;)
4. Promover actividades sociais no seio da comunidade tendo em vista a transferência de conhecimento e inovação técnica aplicáveis;(To promote social activities throughout the community in view of knowledge transferring and innovation of applicable technique ;)
5. Formar a pessoa humana com respeito por Deus, pela Pátria, pela Família, pelo Próximo e pelo Meio Ambiente. (To Form the human being who respect God, homeland, family, neighbors and the Environment.)

III. Human Resources and Laboratories

Human resources and facilities in the FoEST are playing such an important role in order to implement all educational activities smoothly; such as, teaching and learning process and research. As of October 2015 there are eighty (80) permanent lecturers and 1201 registered students that work and study in the FoEST which distributed among five (5) available departments. The break down figure of staffs and students can be seen in table 1.

Table 1: Lecturers and students of the FEST in numbers*

Department	Number of staff and academic degree					Total	Female staff	Number of students
	Ph.D (S3)	Master (S2)	Bachelor (S1) & Post S1	Diploma D3	Continue study			
Civil	-	9	2	1	6	18	1	249
Electrical and Electronics	1	10	1	-	5	17	1	321
Informatics	-	6	2	-	3	11	1	276
Geology and Petroleum	-	6	2	-	-	8	2	184
Mechanical	1	16	1	1	7	26	-	171
Total	2	48	8	2	21	80	5	1201

*Source: Administration office of Vice Dean II of the FEST

Generally, almost all lecturers graduated from overseas universities, such as, Australia, Brazil, Indonesia, Japan, Philippine, and Portugal. The profile of each lecturer in the FoEST can be seen in the profile part of this booklet.

The FoEST has its own buildings for all five departments located in Hera where all educational activities concentrated on. Apart from buildings, there are also library, computer laboratories and laboratories for every department to conduct laboratory practices, material testings, experiments and researches. These facilities are powerful tools to support those who are conducting researches and strengthen theoretical knowledge delivered during the class lectures.



Table 2: Existing laboratory in the FoEST

No	Department	Laboratory
1	Civil Engineering	<ol style="list-style-type: none">1. Material testing2. Soil testing3. Hydraulics4. Topography5. Structures
2	Electrical and Electronics Engineering	<ol style="list-style-type: none">1. Power system2. Automation control3. Power electronics4. Information system5. Renewable energy
3	Geology & Petroleum Engineering	<ol style="list-style-type: none">1. General Geology2. Mineralogy3. Petrology4. Optic Mineralogy5. Petrography
4	Informatics Engineering	<ol style="list-style-type: none">1. Programming2. Multimedia3. Networking
5	Mechanical Engineering	<ol style="list-style-type: none">1. Automotive2. Pneumatic & Hydraulic3. Material4. Production5. Energy

IV. Cooperation and Research

In 2014, the FoEST adding one more division, cooperation and research, into its hierarchy of structure to complete existing three divisions, i.e. academic, administration and finance, and students. The main task of this division is to promote cooperation and research with relevant institutions in order to expand its existence and contribution to the national development. Although the division itself was just established; however, cooperation and research itself is not a new things for the FoEST since the FoEST has been involving in this activities since the FoEST was established in 2000.

1. Cooperation

According to the record in the FoEST, the main and important cooperation that the FoEST has is with the government of Japan through its agency JICA. Both sides have been cooperating together since 2001, where the cooperation covered mainly for three departments which existed at that time i.e. Civil Engineering department (CE), Electrical and Electronics Engineering department (EEE), and Mechanical Engineering department (ME). The cooperation started with the grant aid for the urgent rehabilitation of buildings in Hera campus (2001-2003). In 2003 – 2005, several experts from Japan were dispatched to the FoEST Hera in order to strengthen teaching capacity of lecturers. In 2006 – 2010, the technical cooperation project called “Capacity Development for teaching staff in Faculty of Engineering (CADETES)” was implemented in order to enhance the capacity of teaching staff. During this period, some staffs were sent to continue their master courses in Japan, in which they have returned to work in the FoEST and other institutions. To follow up this cooperation, in 2010 – 2016 another project called CADEFEST was established which is a booster project in order to strengthen the capacity of education and research, and faculty management to a competitive level. During the implementation of the projects, there are three universities from Japan involved as partners to three departments i.e. Yamaguchi University (Replaced Saitama University) with CE, Gifu University with EEE, and Nagaoka University with ME. The history of the cooperation can be seen on figure 1.

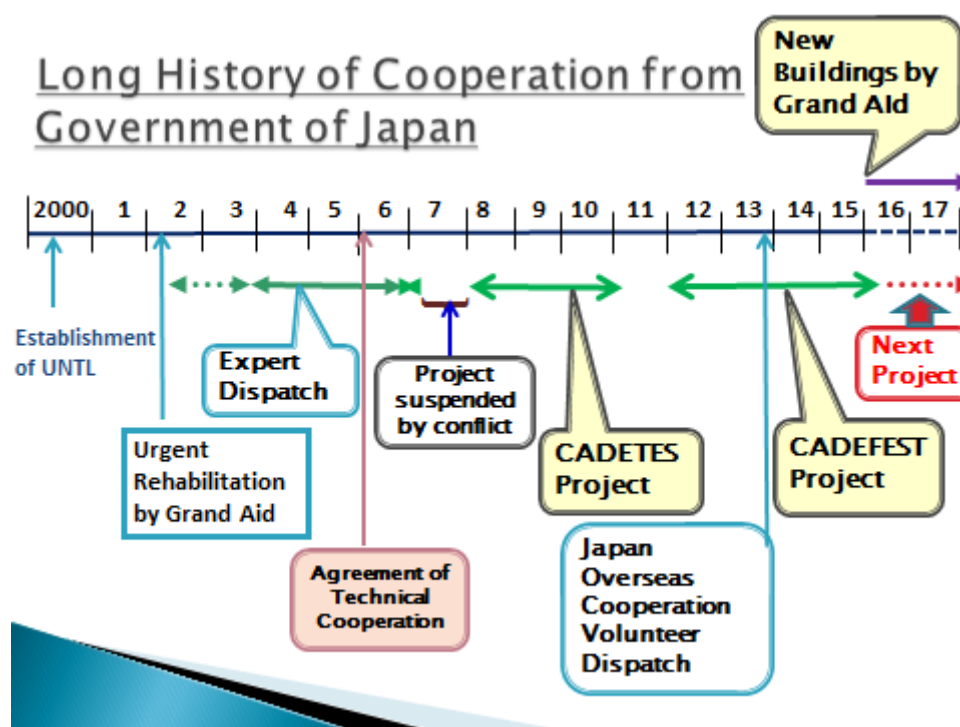


Fig.1: Long history of cooperation from the government of Japan
Source: JICA-CADEFEST

The activity of JICA-CADEFEST project has been terminated on March 2016 since the duration of the project was over. To anticipate this, the new project proposal for continuation of the program has been submitted to the government of Japan and it has been approved in 2016 to continue with the JICA-CADEFEST phase 2. In the next project framework, the overall goal of the project is “The FoEST becomes center of excellence of engineering field in Timor-Leste”. The goal is in line with the vision of the FoEST as stated earlier, i.e. **to be the Center of Excellence for Science and Technology in Timor- Leste**. The new project will be focusing on quality of education and graduates, research, and management, where linking to the society will be an important agenda to achieve the goal of the project. It will be a challenge for all staffs in the FoEST to work harder in order to achieve the goals. The new framework of the project can be seen on Fig.2.

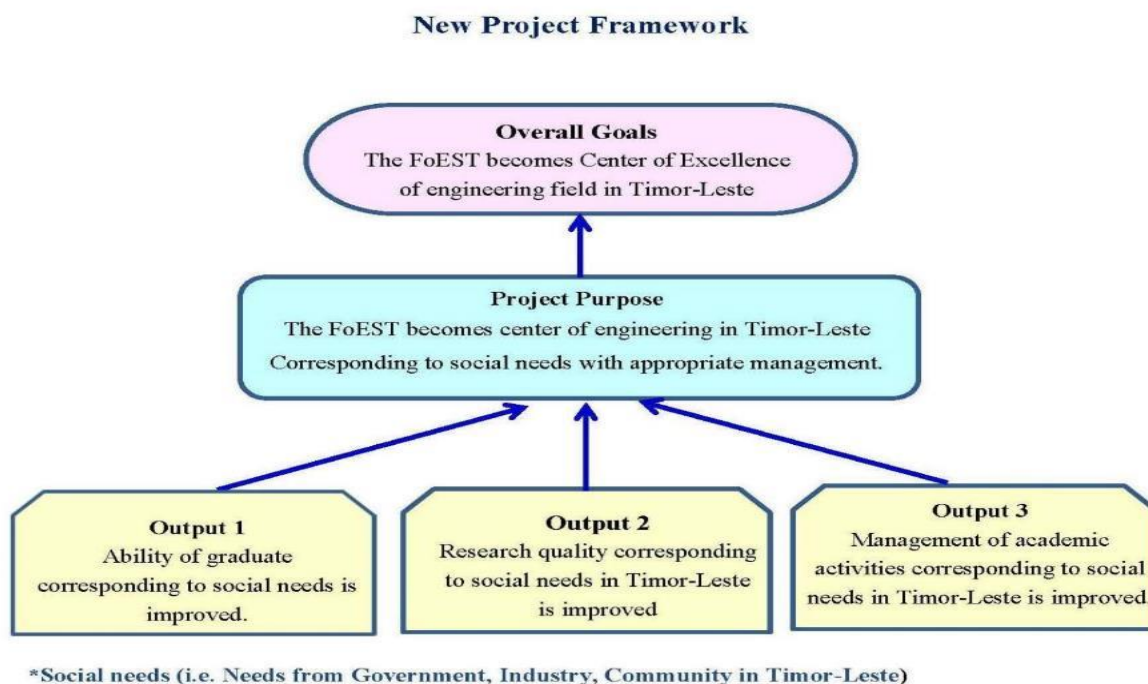


Fig.2: The new project framework of JICA – The FoEST



Fig.3: Signing Ceremony on the minutes of meeting for the CADEFEST phase 2 Project by Dr. Naoki Umemiya, Team Leader of the JICA detailed Planning and Survey team, with Dr. Eduardo Aniceto Serrao, Pro-Rector Cooperation Affairs of UNTL, and Witness signed by Doutora Maria Elsa D. Correia, Director General for Higher Education of Ministry of Education.

Apart from the existing cooperation with JICA, there are also another existing cooperation i.e. cooperation with OSAKA GAS FOUNDATION that supports students of the FoEST by giving OGFICE scholarships for every four best students per department per year and a visiting program to Osaka-Japan for two teaching staffs of the FoEST every year. The FoEST through its departments also established specific cooperation with universities in Japan, such as; Civil engineering department of Yamaguchi University and Civil engineering department of the FoEST.

With universities in Portugal and Brazil, the cooperation is mainly to send staffs of the FoEST to continue their studies in master and Ph.D level of education. Those universities are; Universidade do Aveiro, Universidade do Algarve, Universidade de Coimbra, Universidade de Evora, Universidade do Minho, Universidade do Porto, and Universidade do Estado de Santa Catarina-UDESC (Brazil). In the past, The FoEST used to cooperate with FUP (Fundação de Universidade Portugueses) that running the bachelor (D-III) courses for departments of Electrical engineering and Informatics.



Fig.4: Signing ceremony on the MoU between Civil engineering of Yamaguchi University and Civil engineering of FoEST-UNTL, 18 March 2016

In national level, The FoEST also established Memorandum of Understanding (MOU) and close cooperation with ministries and agencies in Timor Leste. To mention among them; MOU with Ministry of Natural Resources office which support the Geology and Petroleum department by giving access to their laboratory located in Hera campus. The FoEST is also working closely with ministry of Public works, Transport and Communication office, Laboratory of Public works department, National Electricity Company (EDTL), National Authority of Communication (ANC), National Development Agency (ADN), Office of Directorate of Environment, etc. in events organized by the FoEST, such as; Joint seminar, open lectures, and internship for students.



Fig.5: Osaka gas – OGFICE scholarship presentation.

2. Research

In term of research, a lot of efforts have been doing in order to promote research activities that can contribute to the national development and society. For research activities, researchers have also involved students in certain level of activities as it will be important steps to level up the skill and knowledge of the students before doing their final thesis. The research activities in the FoEST are generally under the supervision of the Japanese supporting universities although there are also independent researches conducted by

individuals. The progress of research activities during the cooperation with JICA can be seen on the Fig.4.

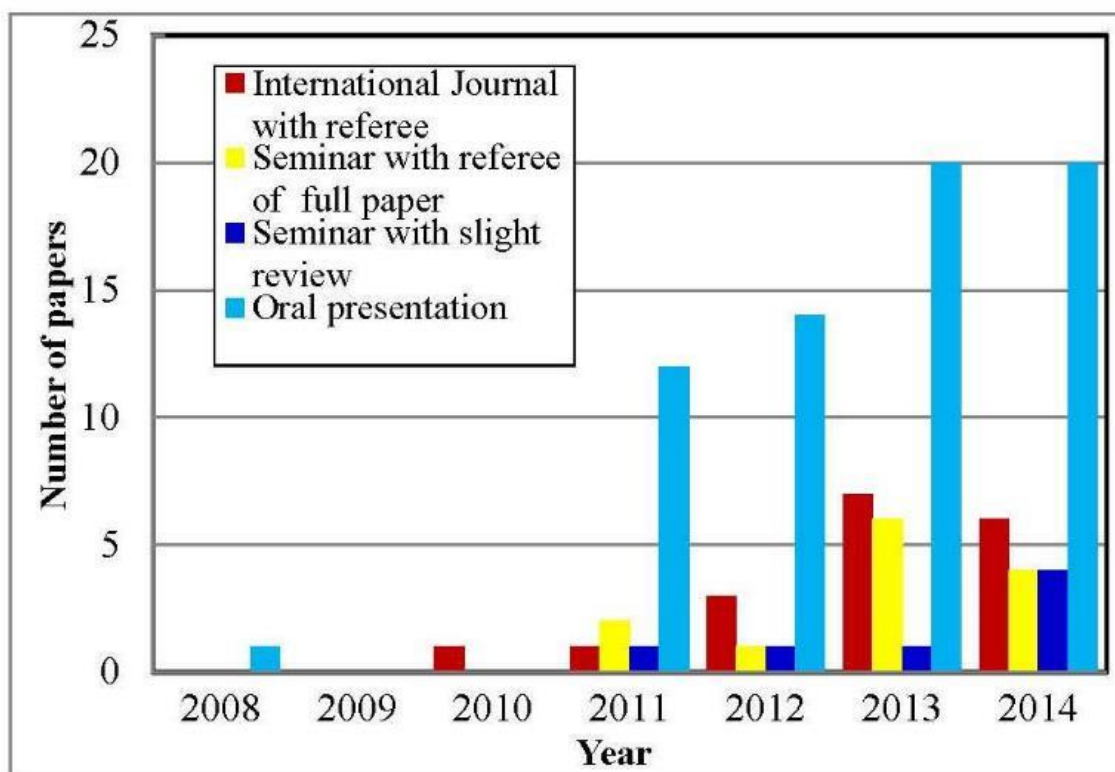


Fig.6: Output of research activities under JICA-FoEST cooperation.

Source: JICA-CADEFEST

Results of researches have been presented through International seminars, national seminars, symposium and journals for publications either by the support of JICA or by UNTL. More information on publications can be accessed through the FoEST website: fect.untl.edu.tl/.

The national seminars are conducted almost every year in the FoEST either jointly organized with JICA-CADEFEST project or independently organized by the FoEST through its existing departments. Through seminars, the FoEST gives opportunities to researchers to present their findings and results of research including necessary recommendations that might be useful for the development of the nation. In the seminars, national and international experts in related fields from government offices, universities, NGOs and civil society were also invited in order to share their knowledge and experiences including their research that might have been done.



Fig.7: Photo Session with Invited Speakers: Professors from Japan, Representatives from EDTL, MCIA, and UNITAL during The 2nd Joint Academic Seminar on Electrical and Electronics Engineering which was held on 21 August 2015 in Arbiru Hotel Dili.



Fig.8: Vice Minister of Public Works, Transport and Communication Mr. Inacio Moreira was one of the invited speakers during the 3rd joint seminar on Civil Engineering and Sustainable Development, 11 September 2016.



Fig. 9: Rector of UNTL Prof. Dr. Francisco Miguel Martins Presented certificates to best researchers from three departments of FoEST -2015 JFY during the 7th JCC meeting at the Hotel Ramelau on 18th March 2016.

In the future, the FoEST-UNTL will optimize all resources it has in order to provide best quality of education services by producing high-skilled human resources, conducting more researches, and expand its cooperation with relevant institutions with the main objective is to contribute to the national development and society.

V. Profile of Lecturers

In order to share information with relevant institutions, the FoEST presents the profiles of teaching staffs who serve in the Faculty of Engineering, Science and Technology in the following section.



CIVIL



Name : Tomas Soares Xavier, M.Eng.
Place/DOB : Viqueque, 3 December 1965.
Position : Director of Civil Engineering Department.
Permanent Lecturer – C1.
Education :
Diploma : D III in Civil Engineering, IKIP Bandung
1987 - 1990.
Bachelor : Architect (S1).
Postgraduate : S2 – Master in Industrial Engineering,
Unit of specialization in evaluation and
management of the project and Innovation,
University of Minho, Portugal, 2011- 2013.

Specialization Area : Civil Engineering in the area of Management.
Research Area of Interest : 1. Utilização Gestão de projeto nas áreas de construção civil.
2. Qualidade gestão de projeto nas áreas de construção civil.
Home Address : Bekusi Centro, Dili – TL.
Contact Number : HP. (670) 78141153.
E-mail : xavier6565@gmail.com



Name : Leonel da Silva Gregorio Madeira.
Place/DOB : Dili, 19 January 1966.
Position : Permanent Lecturer.
Education :
Bachelor : S1 in Civil Engineering, ITPS Surabaya.
Postgraduate : S2 - Master in Civil Engineering, Saitama
University of Japan.

Specialization Area : Reinforced Concrete Structure.
Research Area of Interest : 1. Reinforced Concrete Structures.
2. Pre-Stressed Concrete.

Home Address : Lahane Oriental, Dili.
Contact Number : HP. (+670) 77781153.
E-mail : 730nardocaprio@gmail.com



Name : Leandro Madeira Branco.
Place/DOB : Dili, 14 July 1980.
Position : Permanent Lecturer.
Education :
Diploma : D III in Civil Engineering, National
University of Timor Lorosa'e. 2000-2007.
Post graduate : S2 – Master in Civil Engineering and
Environment, Yamaguchi University of
Japan, 2012 – 2014.

Specialization Area : Material Concrete Technology.
Research Area of Interest : 1. Material of Concrete.
2. Utilization of Concrete in Construction (Concrete strength,
Flexural, Shrinkage, etc.).
3. Long Term and Durability Concrete.

Home address : Clac Fuic, Becora Cristo Rei, Dili.
Contact Number : (+670) 77320514.
E-mail : leandromb.tl@gmail.com



Name : Aleixo Sarmiento, ST.
Place/DOB : Dili, 12 August 1973.
Position : Permanent Lecturer – C5.
Education :
Diploma : D III in Engineering Civil, National
University of Timor Lorosa'e.
Bachelor : S1 in Civil Engineering , University of
General Ahmad Yani (UNJANI) Bandung,
West Java, Indonesia.

Post graduate : -

Specialization Area : Structure of Civil Engineering.
Research Area of Interest : Method of performance evaluation for road facilities of
Timor Leste's road networks by using Information
Technology (IT).

Home Address : Camea- Has Laran, Cristo Rei, Dili.
Contact Number : (+670) 77446051.
E-mail : alex.0873@yahoo.com



Name : Sergio Miguel Freitas, ST.
Place/DOB : Quelicai, 29 September 1973.
Position : Permanent Lecturer – C4.
Education :
Diploma : D II in Civil Engineering, Polytechnic
Dili.
Bachelor : S1 in Civil Engineering, University of
Yos Sudarso Indonesia, 2001 – 2003.

Post graduate : -

Specialization Area : Hydro and Sanitary Engineering.
Research Area of Interest : Analysis of characteristic at Becora River, rain fall in Dili
area, BOD (Biological Oxygen Demand).
Home Address : Fatuhada, Dom Aleixo, Dili.
Contact Number : (+ 670) 77024454.
E-mail : freitassergiomiguel@yahoo.com



Name : João Fernandes Soares.,ST.
Place/DOB : Baucau, 20 June 1985.
Position : Contract Lecturer.
Education :
Diploma : -
Bachelor : S1 in Civil Engineering, University of
General Ahmad Yani (UNJANI) Bandung,
West Java, Indonesia.

Post graduate : -

Specialization Area : Civil Engineering, Structure.
Research Area of Interest : Avaliação do comportamento da estrutura do edifício de betão armado com análise evolução temporal (Time History) nonlinier.
Home Address : Rai Kotu, Comoro.
Contact Number : (+ 670) 77133734.
E-mail : jofers20@yahoo.co.id



Name : Justino da Costa Soares, M.Eng.
Place/DOB : Baucau, 6 January 1963.
Position : Vice Dean for Administration and Finance
Permanent Lecturer – C1.
Education :
Diploma : D III in Civil Engineering, Polytechnic
of ITB Indonesia, 1988 – 1992.
Post graduate : S2, Master in Civil Engineering,
Specialization area of sustainable
construction and rehabilitation –
Conservation and Rehabilitation of Offices,
University of Minho, Portugal, 2009 – 2011.

Area of Specialization : Civil Engineering, Hydraulics.
Research Area of Interest : 1. Utilization of Geosyntetics in Hydraulics field.
2. Analysis of River Characteristic.
3. Hydraulics area: water supply, drainage, irrigation.

Home Address : Haburas, Bairro Pite, Dom Aleixo, Dili – TL.
Contact Number : (+670) 77285452.
E-mail : justino_dacosta@yahoo.com



Name : Jose Maria C. Belo Ximenes, M. Eng.

Place/DOB : Baucau, 2 February 1963.

Position : Vice Director of Civil Engineering
Department.
Permanent Lecturer – C1.

Education :

Diploma : D III in Civil Engineering, Polytechnique of
ITB Indonesia, 1988 – 1992.

Post graduate : S2, Master in Construction and
Rehabilitation Specialized on
Conservation and Rehabilitation of Offices
in Civil Engineering Department –
University of Minho, Portugal, 2008 – 2010.

Area of Specialization : Civil Engineering.

Research Area of Interest : 1. Investigation Flexural Strength of Rigid Pavement.
2. Investigation Flexural Strength of Flexibility Pavement.
3. Design geometric of new Construction.
4. Pavement Design of road Construction.
5. Pathology of construction Especially for Offices.

Home Address : Mota Kiik, Hera.

Contact Number : (+670) 77851575

E-mail : lebenei@yahoo.com



Name : Benjamim de Oliveira Hopffer Rego Silveira
Martins, M.Geon.

Place/DOB : Bobonaro, 28 June 1993.

Position : Permanent Lecturer.

Education :

Bachelor : S1, Civil Engineering, Specialized in
Structure, Institute Adhi Tama Surabaya
(ITATS), Indonesia 1995.

Post graduate :- Post graduate in Geophysics Information
System (SIG), University of Algarve,
Portugal, 2009.

- S2, Master in Geomatics, Specialized on
Ambient system Analysis (ASA), University
of Algarve, Portugal, 2011. Thesis title:
“Analise de Riscos Geomoerfologicos na
Regiao de Bobonaro, Timor-Leste”.

Available on line: <http://sapientia.ualg.pt/handle/10400.1/1669>

Area of Specialization : Civil Engineering & Geoscience – Special attention on
Instability/ Movimentos de Vertente.

Research Area of Interest : 1. Geotchnique.
2. Geomatics /SIG.
3. Ordenamento Territory .
4. Nature Risks: Especial attention to Slope Instability/ Slope
Movement.

Home Address : Beto Naroman, Comoro, Dili.

Contact Number : (+670) 7783 9977

E-mail : hopffer2008@gmail.com

Website : <https://www.facebook.com/hopffer87/>



Name : Paulo da Silva.
Place/DOB : Ossu, 9 June 1967.
Position : - Vice Dean for Academic.
- Permanent Lecturer – C1.
Education :
Diploma : D III in Civil Engineering, Polytechnic
of ITB Bandung, Indonesia.
Post graduate : S2, Master in sustainable construction and
rehabilitation – Conception and sustainable
management of offices, 2008 – 2010.

Research Area of Interest : Project Management

Home Address : Bairro Terminal Becora, Dili – TL.

Contact Number : (+670) 77347454.

E-mail : paulo2013_dasilva@ yahoo.com /
paulo.dasilva@untl.edu.tl



Name : Mariano Renato Monteiro da Cruz.
Place/DOB : Ossu, 20 February 1966.
Position : - Dean of the Faculty of Engineering, Science
and Technology (FECT)
- Permanent Lecturer.
Education :
Bachelor : S1 in Civil Engineering Department- Gajah
Mada University of Indonesia, 1998.
Post graduate : S2, Master in Civil Engineering,
Sustainability Evaluation of Urban Development in the
context of Transportation Planning, Hiroshima Japan, 2004.

Area of Specialization : Civil Engineering (Transportation).
Research Area of Interest : 1. Road Construction Materials (Soil Testing, Gravel &
Asphalt) Testing.
2. Urban Planning, and Transportation Planing.
3. Others related to Road.

Home Address : Bemori Cenrtal, Dili – TL.
Contact Number : HP. (+670) 77327449.
E-mail : r2vcruz@yahoo.com



Name : Hugo da Costa Ximenes.
Place/DOB : Barlio (Lautem), 26 June 1982
Position : Permanent Lecturer.
Education :
Diploma : Diploma III in Civil Engineering-UNTL,2007
Bachelor : S1 in Civil Engineering Department,
Specialized in Transportation, Sekolah Tinggi
Tenknologi Nasional (STTNAS) Yogyakarta,
Indonesia – 2009

Post graduate : S2, Master in Transportation System, specialized in
transportation system analysis and pavement
maintenance, University of Yamaguchi, Japan, 2015, Thesis
Title : **Development of a Road Condition Assessment
System (Ippo-Campo) and Practical Use of Analytic
Hierarchy Process (AHP) in Decision Making of Road
Maintenance in Timor-Leste.**

Area of Specialization : Transportation.
Research Area of Interest : 1. Transportation Management.
2. Traffic System.
3. Manutensaun rodovias
4. Materias de rodovias (Rigidu e Fleksivel)
Home Address : Colmera, Dili
Contact Number : (+670) 7740 4053
E-mail : hci_eng@yahoo.co.uk; hugo.rdp3@gmail.com
Página Facebook : <https://web.facebook.com/IamJimenes/>
Twitter : @dobenh
Instagram : @ugu_aja



ELECTRICAL AND ELECTRONIC



Name : João Bosco R. F. Cabral.
Place/DOB : Iliomar, 10 April 1977.
Position : Director of Electrical and Electronic Engineering Department.
- Permanent Lecturer – C2.
Education :
Diploma : -.
Bachelor : S1 in Electrical Engineering Department, University of Sanatha Darma, Yogyakarta, Indonesia. 1997 – 1999 and 2001 – 2005.
Postgraduate : S2 – Master in Electrical Engineering, Specialized in Electro Electronics System – Power Electronic, Universidade do Estado de Santa Catarina-UDESC (Brasil). 2011 – 2013.
Specialization Area : Application of Power Electronics in Alternatives Resources.
Research Area of Interest : 1. Static Converter (DC-DC and DC-AC).
2. Renewable Energy System.
3. Power Electronics for Power Quality.
Home Address : Pantai Kelapa II, Comoro, Dili – TL.
Contact Number : (+670) 78155090.
E-mail : jbrfcabral@gmail.com



Name : Olga Maria de Sousa.
Place/DOB : Venilale, 6 April 1984.
Position : - Vice Director of EEE department.
- Permanent Lecturer.
Education :
Diploma : D III in Electrical Engineering Department,
Universidade Nacional Timor Lorosa'e
(UNTL). 2002 – 2009.

Postgraduate : S2 , Master in Electrical Engineering, Specialization area of
Information system, Nagaoka University of Technology, 2012-
2014.
Specialization Area : Information System.
Research Area of Interest : 1. Image Recognition.
2. Visual Surveillance.
3. Medical Image Analysis.
4. Audio Signal Processing.
Home Address : Comoro, Fatuhada, Dili – TL.
Contact Number : (+670) 77320686.
E-mail : sousa.olgamaria@gmail.com



Name : Cânciao Monteiro.
Place/DOB : Lospalos, 2 March 1981.
Position : Permanent Lecturer – C3.
Education :
Diploma : D III in Electrical Engineering Department,
Universidade Nacional Timor Lorosa'e
(UNTL) 2002 – 2009.

Postgraduate : S2 , Master in Electronics Engineering,
Specialization area of Electronics and Information system,
Gifu University, 2010-2012.
: S3, Ph.D in Graduate School of Engineering, Specialization
area of Electronics and Information System (Secure Logic
VLSI design for cryptographic hardware implementation),
Gifu University, 2012-2015.

Specialization Area : Electronics Engineering and Information System.

Research Area of Interest : 1. Low Power VLSI (Very Large Scale Integrated Circuit).
2. Secure Cryptographic Hardware Design.
3. Wireless Data Communication Using Zigbee Technology.
4. Image and Video Signal Processing.

Home Address : Mota-Quic, Hera, Cristo Rei, Dili – TL.

Contact Number : (+670) 77302836.

E-mail : canciotimor@gmail.com

Website : <http://monteirocancio.wordpress.com/about/>



Name : Rui Manuel Sarmento, ST., M.Eng.
Place/DOB : Manatuto, 13 April 1971.
Position : Permanent Lecturer – C1.
Education :
Diploma : -
Bachelor : S1 in Electronics Engineering Department,
Sekolah Tinggi Teknologi Nasional,
Yogyakarta - Indonesia.

Postgraduate : S2 – Master in Electronics and Electrical Engineering, Gifu
University of Japan.

Specialization Area : Digital Electronics.

Research Area of Interest : 1. Adiabatic VLSI design.
2. Embedded System Design.
3. Power System.

Home Address : Avenida Becora, Becusi Craic, Cristo Rei.

Contact Number : (+670) 77294745.

E-mail : ruisarmento04@yahoo.com



Name : Frederico de Carvalho, ST., M.Eng.
Place/DOB : Dili, 13 December 1973.
Position : Permanent Lecturer – C1.
Education :
Diploma : D II in Electrical and Electronic
Engineering Polytechnic Dili.
Bachelor : S1, Licentiate in Electrical Energy System
Engineering Department, University of
Gajayana Malang, East Java, Indonesia.
1998-2001.

Postgraduate : S2 , Master in Electronics and Electrical Engineering, Gifu
University.

Specialization Area : Embedded System (C compiler design).

Research Area of Interest : 1. Lightning Characteristics and Protection.
2. Power Flow Analysis.
3. Grounding System.
4. Compiler Design.

Home Address : Mota-Quic, Hera, Cristo Rei, Dili – TL.

Contact Number : (+670) 77085341 and 76825099.

E-mail : timorfred@gmail.com, fredtimor@yahoo.com



Name : Celestino Correia, ST, M.Eng.
Place/DOB : Iliomar, 12 May 1975.
Position : Permanent Lecturer – C4.
Education :
Diploma : D II in Electrical and Electronic Engineering
Polytechnic Dili.
Bachelor : S1, Licentiate in Electrical Energy System
Engineering Department, University of
Gajayana Malang, East Java, Indonesia. 1996-
2001.
Postgraduate : S2 , Master in Micro and Nano Technology Department,
University of Minho, Braga-Portugal.
Specialization Area : Master in Micro and nano Technology.
Research Area of Interest : 1. CMOS circuit for charging lithium battery.
2. CMOS LSI Circuit Design for Smart Sensing System with
Lithium Battery.
Home Address : Rua Sebastiao Da costa, Colmera Dili, Vera Cruz, Dili – TL.
Contact Number : (+670) 78602630.
E-mail : celestinocorreia11@yahoo.com



Name : Ruben Jerónimo Freitas.
Place/DOB : Baucau, 14 February 1975.
Position : Permanent Lecturer.
Education :
Diploma : -.
Bachelor : S1 in Electrical Engineering Department,
National Institute of Technology Malang, 2003.

Postgraduate : S2 – Master in Electrical Engineering, Curtin University of
Technology, Perth, Australia, 2007.

Specialization Area : Electrical Engineering.

Research Area of Interest : 1. Semiconductor Material Science
2. Amorphous Semiconductor.
3. Renewable Energy System.
4. Photovoltaic System.

Home Address : Becusi, Becora, Dili – TL.

Contact Number : (+670) 77373027.

E-mail : cubano_jr@yahoo.com



Name : Tarcisio Freitas Savio,ST,M.Eng.
Place/DOB : Iliomar, 26 December 1975.
Position : Permanent Lecturer – C1.
Education :
Diploma : D II, Electronic and Electrical (Polytechnic
Dili) 1003-1995.
D III, Brawijaya Polytechnique Malang,
Indonesia. 1995-1996.
Bachelor : S1 in Electronic and Electrical Engineering Department,
Wisnuwardana University Malang, Indonesia. 1998-2002.
Postgraduate : S2 – Master in Electrical Engineering, specialization area of “
Electrical Engineering, Power Electronic”, The University of
Electro-Communications Tokyo- Japan, 2009-2011.
Specialization Area : Electrical Engineering, Power Electronic.
Research Area of Interest : Digital Control of DC-DC Converter with high efficiency for
small turbine wind power generator in Hera Dili Timor Leste.
Home Address : Fatuhada, Dili – TL.
Contact Number : (+670) 76835700.
E-mail : sopainkainliu@gmail.com



Name : Vital de Jesus Ximenes M. Eng.
Place/DOB : Baucau, 16 November 1975.
Position : Permanent Lecturer.
Education :
Diploma : D II in Electrical and Electronic Engineering
Polytechnic Dili.
Bachelor : S1, Electronics and Communication
Engineering Department, University of
Gajayana Malang, East Java, Indonesia. 1998-
2003.

Postgraduate : S2 , Master in Production Engineering and System,
Specialization area of “Humanity Engineering”, University of
Minho, Braga-Portugal.2012-2014.

Specialization Area : Humanity Engineering.

Research Area of Interest : 1. Industrial Hygienic Using Statistic Analysis.
2. CMOS LSI Technology.
3. Electronics Communication.
4. Renewable Energy System and Technology.

Home Address : Becora, Garuda 3, Dili Timur.

Contact Number : (+670) 7862 6138.

E-mail : ximenesdjvital@yahoo.com



Name : Nicolau Roberto Da Costa, ST., M.Eng.
Place/DOB : Baucau, 11 November 1975.
Position : Permanent Lecturer – C1.
Education :
Diploma : D II in Electrical and Electronic Engineering
Polytechnic Dili.
Bachelor : S1, Electrical Engineering, University of
Gajayana Malang.
Postgraduate : S2 , Engineering System, University of Minho, Portugal.
Specialization Area : Engineering System, Specialized in Industrial Engineering.
Research Area of Interest : 1. Photovoltaic System
2. Grid Connected System
3. Analysis PV System
4. Power Grounding System
Home Address : Rua Estrada Comoro, Fatuhada, Dili – Timor Leste.
Contact Number : (+670) 77344609.
E-mail : nicolaurobertodacosta@yahoo.com



Name : Jaime Godinho Soares M. Eng.
Place/DOB : Kupang, 14 April 1984.
Position : Contract Lecturer.
Education :
Diploma :-
Bachelor : Bachelor in Electronic and Electrical
Engineering Department (UNTL/FUP). 2003-
2008.
Postgraduate : S2 , Master in Electrical Engineering, Specialized in “
Electrical Engineering, Electric Power System”, Universidade
Regional de Blumenau – SC (FURB), Brazil, 2011-2013.
Specialization Area : Electrical Engineering, Electric Power System.
Research Area of Interest : 1. Power System.
2. Power Quality.
3. Power System Protection.
Home Address : Balide, Mascarenhas.
Contact Number : (+670) 7808 1843.
E-mail : jaimegsoares@gmail.com, jaimegsoares@hotmail.com



Name : Bonifacio da Costa.
Place/DOB : Iliomar, 7 September 1985.
Position : Contract Lecturer,
Laboratory Coordinator, Laboratory Assistant
Lecturer.
Education :
Diploma :-

Bachelor : S1, Electronic Engineering Department – Institute of Sciences
and Technology AKPRINDO, Yogyakarta – Indonesia. 2006
– 2010.

Postgraduate : -

Specialization Area : Automation and control Electronics.

Research Area of Interest : 1. Automatic Control System.
2. Communication System.
3. Information System.

Home Address : Becora, Cristo-Rei Dili – TL.

Contact Number : (+670) 7792 5908.

E-mail : Bony_lero@yahoo.com



GEOLOGY & PETROLEUM



Name : Vital Cruz Malai Araujo Vilanova,ST, MSc.

Place/DOB : Dili, 15 December 1984.

Position : Vice Dean III of FEST.

- Lecturer.

Education :

Diploma : -.

Bachelor : S1 in Geology at Adhi Tama Institute of
Technology Surabaya, Indonesia.

Postgraduate : S2 – Master Degree in Geology,
University of Evora - Portugal.

Specialization Area : Geology.

Research Area of Interest : 1. Mineral resources.
2. Geographic Information System (GIS)
3. Mineral Geochemistry.

Home Address : Colmera, Dili – Timor-Leste.

Contact Number : (+670) 77741240.

E-mail : vital.vilanova@gmail.com



Name : Gabriel G. A. de Oliveira
Place/DOB : Baucau, 15 April 1983.
Position : Director of Geology and Petroleum.
- Lecturer.
Education :
Diploma : -.
Bachelor : S1 in Geology at Adhi Tama Institute of
Technology Surabaya, Indonesia.

Postgraduate : S2 – Master Degree in Geology Engineering,
University of Evora - Portugal.

Specialization Area : Geology.

Research Area of Interest : 1. Petroleum Geochemistry
2. Structural Geology and Tectonic
3. Sedimentology and Stratigraphy
4. Hydrogeology.
5. Geophysics.
6. Geochemistry.

Home Address : Bebonuk, Dili – Timor-Leste.

Contact Number : (+670) 77290052.

E-mail : aghabius@yahoo.com



Name : Apolinario Eusebio Alves.
Place/DOB : Baguia, 2 August 1979.
Position : Vice Director of Geology and Petroleum.
- Lecturer.
Education :
Diploma : -.
Bachelor : S1 in Mining at Adhi Tama Institute of
Technology Surabaya, Indonesia.

Postgraduate : S2 – Master Degree in Geology,
University of Evora - Portugal.

Specialization Area : Geology.

Research Area of Interest : 1. Environmental Geology.
2. Engineering Geology.
3. Geomorphology.

Home Address : Comoro, Dili – Timor-Leste.

Contact Number : (+670) 78310999.

E-mail : apoli_alves@yahoo.com



Name : Aquiles T. Freitas.
Place/DOB : Vemasse, 4 February 1978.
Position : Lecturer.
Education :
Diploma : -.
Bachelor : S1 in Geology at Adhi Tama Institute of
Technology Surabaya, Indonesia.

Postgraduate : S2 – Master Degree in Geology,
University of Evora - Portugal.

Specialization Area : Geology.

Research Area of Interest : 1. Paleontology
2. Reservoir Engineering
3. Petroleum Geology

Home Address : Manuleu-ana, Dili – Timor-Leste.

Contact Number : (+670) 77179832.

E-mail : -



Name : Nene Soares Valente Cristovão.
Place/DOB : Dili, 19 February 1983.
Position : Lecturer.
Education :
Diploma : -.
Bachelor : S1 in Petroleum Engineering at University of
Proklamasi Surabaya, Indonesia.

Postgraduate : S2 – Master Degree in Geology,
University of Evora - Portugal.

Specialization Area : Petroleum and Geology.

Research Area of Interest : 1. Drilling Engineering.
2. Production Engineering.
3. Reservoir Engineering.

Home Address : Vila-Verde, Dili – Timor-Leste.

Contact Number : (+670) 77005367.

E-mail : cristovao_1983@yahoo.com



Name : Agostinho Andy Irmawan, Spt., MSc.

Place/DOB : Ossu, 14 September 1984.

Position : Lecturer.

Education :

Diploma : -.

Bachelor : S1 in Agriculture at University of
Mercu Buana Yogyakarta – Indonesia.

Postgraduate : S2 – Master Degree in Geology,
University of Padjajaran - Indonesia.

Specialization Area : Geology.

Research Area of Interest : 1. Geomorphology.
2. Environmental Geology.
3. Stratigraphy.
4. Morph tectonic.

Home Address : Bemori, Dili – Timor-Leste.

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E-mail : monteiro_andy@yahoo.com



Name : Jovita Elisa.
Place/DOB : Fatumaca, 24 February 1988
Position : Lecturer.
Education :
Diploma : -.
Bachelor : S1 in Geology Engineering at University of Evora.

Postgraduate : -.
Specialization Area : Geology.
Research Area of Interest : 1. Geological Engineering.
2. Hydrogeology.
3. Geographic Information System.
4. Mineral Resources
Home Address : Comoro, Dili – Timor-Leste.
Contact Number : (+670) 78622555.
E-mail : jovitacosta5@gmail.com



Name : Maria Elias.

Place/DOB : Lospalos, 17 March 1987.

Position : Lecturer.

Education :

Diploma : -.

Bachelor : S1 in Geology at Adamson University
- Philippines

Postgraduate : -.

Specialization Area : Geology.

Research Area of Interest : 1. Geophysics.
2. Engineering Geology.
3. Hydrogeology.
4. Environmental geology.
5. Stratigraphy and Sedimentology
6. Regional Geology

Home Address : Mascarinhas, Dili – Timor-Leste.

Contact Number : (+670) 78461372.

E-mail : eliasmaria689@yahoo.com



INFORMATICS



Name : Angelo da Costa.
Place/ DOB : Malailada, 16 March, 1976.
Position : Lecturer.

Education :
Bachelor : S1, Electrical Engineering, UGM Yogyakarta.

Postgraduate : S2, Master in Computer Science, UGM, Yogyakarta.
Specialization area : Computer Science.
Research Area of Interest : 1. Decision Support System.
2. Information System.

Home Address : Bebonuk – Tuty, Comor, Dili.
Contact Number : HP (+670) 73100816.
E-mail : dacostangelo@gmail.com



Name : Borja Loedaci Cauthe Patrocinio Antonino.

Place/ DOB : Jakarta, 12 September 1988.

Position : Vice Director of Department Informatics
Engineering.

Education :

Bachelor : Bachelor of Computer Science (B.Inf.) –
Universidade Nacional de Timor Lorosa'e.

Postgraduate : S2, Master of Computer Science (M.Cs.) – Universidade de
Évora.

Specialization area : Artificial Intelligence.

Research Area of Interest : 1. Information Retrieval.
2. Information Retrieval System.
3. Voice Recognition System.
4. Expert System.
5. Question Answer System

Home Address : Aldeia 30 de Agosto, Comoro, Dom Aleixo, Dili.

Contact Number : HP (+670) 77296739.

E-mail : borjaantonino@hotmail.com



Name : Zulmira Ximenes da Costa.

Place/ DOB : Venilale, 23 June 1983.

Position : Permanent Lecturer.

Education :

Bachelor : Mathematics of Education.

Postgraduate : S2, Master in Modeling Statistics and Data Analysis

Specialization area : Math and Statistics.

Research Area of Interest : 1. Demographics.
2. Statistics application for health and marketing.
3. Quality Control.
4. Operational Research.

Home Address : Comoro.

Contact Number : HP (+670) 77923066.

E-mail : zxcosta@gmail.com



Name : Abreu Andre Boavida.

Place/ DOB : Venilale, 13 April 1986.

Position : Lecturer.

Education : -

Bachelor : Informatics Engineering.

Postgraduate : -

Specialization area : -

Research Area of Interest : 1. Database Application.
2. Computer Networking.

Home Address : Vila-verde, Dili Timor Leste.

Contact Number : HP (+670) 78051135.

E-mail : ametaboavida7@gmail.com



Name : Carlito Pinto, M. Eng.
Place/ DOB : Iliomar/Caenliu, 30 July 1974.
Position : Director of Informatics Engineering.
Education :
Bachelor : Bachelor degree in food engineering.

Postgraduate : S2, Master degree in Food Engineering.
Specialization area : Food Science and Food Engineering.
Research Area of Interest : 1. Food Security and Food Safety.
2. The influence of handling, processing and the ambient condition after harvest of the rice on the rice quality.
3. Sensory Analysis of Food.
4. Number and Computer
Home Address : Becora, Dili.
Contact Number : HP (+670)77691254 or 73391221.
E-mail : vatulay@gmail.com



Name : Frederico Soares Cabral.
Place/ DOB : Baucau, 13 September 1985.
Position : Lecturer.

Education : -
Bachelor : S1, Informatics Engineering.

Postgraduate : -
Specialization area : WEB Programming, Database & Computer Network.
Research Area of Interest : 1. Web Programming.
2. Web Security.
3. GIS.
4. Distributed Data Base.
5. Information System.
6. Networking.

Home Address : Beto-Barat, Dili Timor Leste.
Contact Number : HP (+670) 73407081.
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Name : Marcelino Caetano Noronha.

Place/ DOB : Luro, 15 May 1976.

Position : Permanent Lecturer - C3.

Education : -

Bachelor : S1, Informatics Engineering.

Postgraduate : S2, Information System.

Specialization area : Information System Auditory.

Research Area of Interest : Information System.

Home Address : Bairro-Pite.

Contact Number : HP (+670) 73340028.

E-mail : marcel_pmis@yahoo.com



Name : Mateus Pinto.
Place/ DOB : Watolari-Viqueque, 22 April 1976.
Position : Permanent Lecturer – C2.
Education : -
Bachelor : S1, Computer Science – UGM Indonesia.

Postgraduate : S2, Computer Science – UGM Indonesia.

Specialization area : Information and Management.

Research Area of Interest : 1. WEB Services Application.
2. GIS.
3. Distributed and Integrated System.

Home Address : Quintal Bo'ot, Santa Cruz-Dili.

Contact Number : HP (+670) 73615000.

E-mail : pintomateus0@gmail.com



Name : Vosco Pereira.

Place/ DOB : Bobonaro, 6 July 1985.

Position : Lecturer.

Education : -

Bachelor : S1, Electronics Engineering.

Postgraduate : -

Specialization area : Computer Programming & Software Engineering

Research Area of Interest : 1. Software Testing
2. Software Measurement
3. Mobile Computing.
4. Algorithm and Data Base.

Home Address : Beto-Timur, Dili

Contact Number : HP (+670) 77418694

E-mail : reisvosco@gmail.com



Name : Kristiyani Ambarwati.

Place/ DOB : Sragen, 8 May 1980.

Position : Lecturer.

Education : -

Bachelor : S1, Informatics Engineering, UPN,
Yogyakarta.

Postgraduate : S2, Master in Computer Science, UGM, Yogyakarta.

Specialization area : Computer Science.

Research Area of Interest : 1. Data Mining.
2. Neural Network.
3. Information System.

Home Address : Bebonuk – Tuty, Comoro, Dili.

Contact Number : HP (+670) 73338123.

E-mail : kristiyaniambarwati @gmail.com



Name : Aristides de Jesus Ornai.
Place/ DOB : Buibau, 10 November 1985.
Position : Lecturer.

Education : -
Bachelor : UNTL.

Postgraduate : S2, University of E'vora (UE'), Portugal.
Specialization area : Information System, Software Engineering.
Research Area of Interest : 1. Data warehouse.
2. Information System.
3. Software Development.

Home Address : Comoro, Dili Timor Leste.
Contact Number : HP (+670) 77083551.
E-mail : aristornai@gmail.com



MECHANICAL



Name : Felix de Oliveira, ST. M. Eng.

Place/DOB : Leorema, 2 August 1973.

Position : Director of Mechanical Engineering
- Permanent Lecturer.

Education :

Diploma : -.

Bachelor : S1 in Mechanical Engineering Department,
ITS, Specialized in Metallurgy.

Postgraduate : S2 – Master in Mechanical Engineering, Specialized in
Energy Conversion, Intstitut Teknologi sepuluh Nopember
Surabaya, 2008 – 2011.

Specialization Area : Energy.

Research Area of Interest : 1. Geothermal Energy.
2. Material.
3. Energy in Inorganic Fluids
.

Home Address : Beto tasi (Kp.Marinir) Comoro, Dom Aleixo Distrito Dili

.Contact Number : (+670) 77351101.

E-mail : felixoliveira09@yahoo.com



Name : Eng. Mario Marques Cabral, M.Eng.
Place/DOB : Lautem, 8 March 1974.
Position : Vice Director of Mechanical Engineering
- Permanent Lecturer – C1.
Education :
Diploma : -.
Bachelor : S1 in Mechanical Engineering Department,
University of Sebelas Maret (UNS) Solo-
Indonesia, 1999.
Postgraduate : S2 – Master in Industrial Engineering, Universidade
do Minho – Portugal, 2012.
Specialization Area : Industrial Development, Project Assessment and Innovation
Research Area of Interest : 1. Assessment of Noise Pollution and Environment
2. Assessment and Maintenance in Mechanical area.
.
Home Address : Bairro-Pite, Dili – TLS.
Contact Number : (+670) 78046232.
E-mail : marim_2004@yahoo.com.au



Name : Junior Raimundo Da Cruz
Place/DOB : Ossu, 7 July 1985
Position : Permanent Lecturer.
Education :
Diploma : - D III in Mechanical Engineering
UNTIL, Dili, 2002-2009.
Bachelor : -

Postgraduate : S2 – Master in Mechanical Engineering, Specialized in
Vibration Control, Nagaoka University of Technology, 2010-
2012.

: S3 – Ph.D in Information Science and Control Engineering,
Nagaoka University of Technology, Japan, 2012-2015.

Specialization Area : Production Engineering.

Research Area of Interest : 1. Manufacturing technology
2. Environmental impact assessment and sustainability
3. Vibration control of mechanical elements
4. Cooling technology for machineries
5. Alternative and renewable energy

Home Address : Hera, Cristo Rei, Distrito Dili

Contact Number : (+670) 77092191

E-mail : jcruz.ray@gmail.com



Name : Paulino Marques Cabral.
Place/DOB : Maina II, 22 June 1960.
Position : Permanent Lecturer.
Education :
Diploma : D III Mechanical Engineering, Bandung
Institute of Technology (ITB), Indonesia,
1991.
Bachelor : S1 in Mechanical Engineering, Universitas
Merdeka Malang (UNMER), Indonesia, 2001.

Postgraduate : - Postgraduate, specialized in Emsino da Lingua Portuguesa,
UNTL, 2008.
- S2 , Master in Mechanical Engineering, Universidade do
Minho – Portugal, 2010.

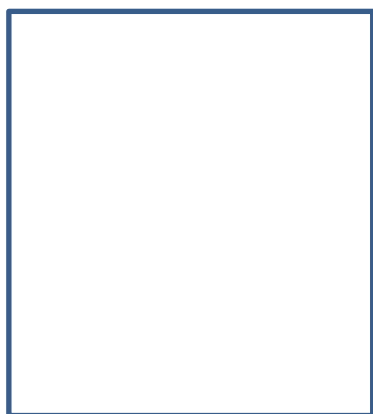
Specialization Area : Manufacture Processing.

Research Area of Interest : Technology of manufacturing.

Home Address : Perumnas Bairro Pite.

Contact Number : (+670) 73042578.

E-mail : puirili2013@gmail.com



Name : Jose Barreto.
Place/DOB : Dare, 6 April 1962.
Position : Permanent Lecturer – C1.
Education :
Diploma : D III, Bandung Institute of Technology (ITB),
Indonesia.
Bachelor :

Postgraduate : S2 – Master in Industrial Engineering, Universidade
do Minho – Portugal, 2012.

Specialization Area : Industrial Engineering.

Research Area of Interest : -

Home Address : Dare, Dili.

Contact Number : (+670) 75263866.

E-mail : josebarreto_2008@yahoo.com.au



Name : Eng. Gabriel António de Sá, M.Sc.
Place/DOB : Baucau, 28 February 1964.
Position : Permanent Lecturer – C1.
Education :
Diploma : D III, Bandung Institute of Technology
(ITB), Indonesia, 1990/1991
Bachelor : Integrated Master, Universidade de
Aveiro.

Postgraduate : S2 – Integrated Master in Mechanical Engineering,
Universidade de Aveiro, 2010.

Specialization Area : Mechanical Engineering

Research Area of Interest : 1. Machine Design.
2. Maintenance and Repairing.

Home Address : Alto Balide Aldeia 01 Mascarenhas, Vera Cruz,
Município Dili, Timor-Leste.

Contact Number : (+670) 78445785 / (+670) 77122249.

E-mail : gabrielbytu@yahoo.co.in, sag@fect.edu.tl



Name : João sarmento Pinto.



Place/DOB : Viqueque, 19 January 1966.
Position : Permanent Lecturer – C1.
Education :
Diploma : D III in Mechanical Production, Bandung
Institute of Technology (ITB), Indonesia. 1988-
1991.
Bachelor : -
Postgraduate : S2 – Master in Mechanical Production, in the area of the
Process of manufacturing, Universidade do Minho – Portugal.
2008-2011
Specialization Area : Process of Manufacturing.
Research Area of Interest : Technology of Manufacturing.
Home Address : Delta III Comoro.
Contact Number : (+670) 77298140
E-mail : josarpinto@yahoo.com



Name : António Pedro Belo.

Place/DOB : Venilale, 25 August 1970.

Position : - Vice Coordinator of Equipment maintenance
Laboratory.
- Permanent Lecturer.

Education :

Diploma : - D II in Mechanical Engineering
Polytechnic Dili, 1994
- D III in Mechanical Engineering, UNDIP
Semarang, 1999.

Bachelor : -

Postgraduate : - Postgraduate in Mechanical Engineering,
Universidade do algarve, Portugal. 2008 - 2010.
- S2 , Master in Mechanical Engineering,
Universidade do algarve, Portugal. 2014 - 2015.

Specialization Area : Mechanical Engineering.

Research Area of Interest : 1. Management of Equipment maintenance.
2. Renewable energy and Ambient (Solar thermal system).
3. Hygienic and Security labor legislation at works.

Home Address : Taibesi, Dili.

Contact Number : (+670) 77275750.

E-mail : anpebelo25@gmail.com, atoybelo@yahoo.com.au



Name : Marfim Guimaraes, M.Eng

Place/DOB : Lautem, 1 July 1971.
Position : Permanent Lecturer.
Education :
Diploma : - D II in Mechanical Engineering
Polytechnic Dili, 1994
- D III in Mechanical Engineering, UNDIP
Semarang, 1999.
Bachelor : -
Postgraduate : S2 – Master in Mechanical Engineering, Nagaoka University
of Technology, 2008.
Specialization Area : Mechanical Engineering.
Research Area of Interest : 1. Vibration and noise control of mechanical elements.
2. Assessment of Noise pollution and environment.
3. Maintenance of mechanical elements.
4. Appropriate technology.
Home Address : Fatuhada, Markoni Dili – TLS.
Contact Number : (+670) 77386635.
E-mail : marfim_guimaraes@yahoo.com



Name : Domingos de Sousa Freitas.



Place/DOB : Gari-uai, 8 May 1973.
Position : - Vice team leader FoEST project,
- Vice coordinator of Mechanical laboratory
- Permanent Lecturer – C3.
Education :
Diploma : -

Bachelor : S1 in Mechanical Engineering, University of Widyagama
Malang, Indonesia

Postgraduate : S2 – Master in Mechanical Engineering, Energy conversion,
University of Brawijaya Malang, Indonesia.

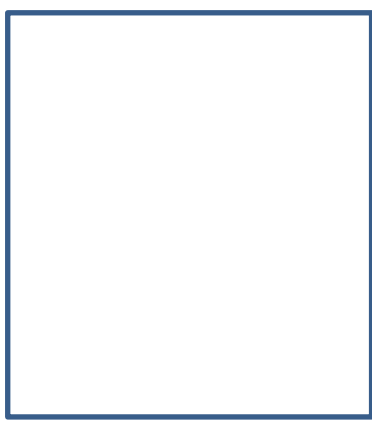
Specialization Area : Energy conversion.

Research Area of Interest : 1. Alternative energy, Enhance of the performance of the
cross flow turbine.
2. Development of Hydropower alternative energy in Timor
Leste.
3. Floating Marine Hydrokinetic Turbine as sustainable
energy for Timor-Leste.
4. Waste-oil cook stove as alternative solution for Timor-
Leste development.

Home Address : Becora

Contact Number : (+670) 7595420.

E-mail : nidodesousafreitas@gmail.com



Name : Jose Maria Xavier.



Place/DOB : 10 January 1975.
Position : Permanent Lecturer.
Education :
Diploma : -
Bachelor : S1, Catholic University of Widya Karya
Malang.

Postgraduate : Postgraduate at Murdoch University, Australia
Specialization Area : Energy Efficiency & Energy System.
Research Area of Interest : 1. Renewable Energy Technology.
2. Energy Efficiency (Electrical Energy and PV system).
3. Energy System.
4. Energy Management.

Home Address : Bebonuk - Dili.
Contact Number : (+670) 78480988.
E-mail : js_xvr@yahoo.com



Name : Paulo da Silva, M.Eng.

Place/DOB : Uatocarbau, 8 July 1975.

Position : - Thesis Coordinator, Mechanical department.
- Permanent Lecturer

Education :

Diploma : D II in Mechanical Engineering Polytechnic
Dili.

Bachelor : S1 - engineering, specialized in General
Mechanical, University of Southern
Queensland (USQ), - Australia, 2004.

Postgraduate : S2 - Engineering, Specialized in Planning and Energy Policy,
University of Technology, Sydney (UTS), 2012.

Specialization Area : Planning and Energy Policy.

Research Area of Interest : Energy and ambient.

Topic of Research :1. Comprehensive Review of Electricity Industry Development
in Timor Leste.
2. CO2 Emission of Road Transport in Timor Leste.
3. Environmental Assessment of Public Transport in Timor
Leste.
4. Environmental Impact of Machining using cooling of strong
alkaline water.

Home Address : Aldeia Beharis Zero, Dili.

Contact Number : (+670) 78546363.

E-mail : apausilva@yahoo.com.au



Name : Evangelino Candido Gaio.



Place/DOB : Quelicai, 11 March 1976.
Position : Permanent Lecturer.
Education :
Diploma : D II in Mechanical Engineering Polytechnic
Dili.
Bachelor : S1 in Mechanical Engineering, University of
Widya Gama Malang, Indonesia, 2009.
Postgraduate : S2, Master in Public administration management, specialized
in Human resource management, STIA-LAN
Jakarta, Indonesia 2010.
Specialization Area : Material Engineering.
Research Area of Interest : 1. Manufacturing Process.
2. Material Testing
Home Address : Fatuhada, Dom Aleixo, Dili District.
Contact Number : (+670) 75629648.
E-mail : evancasilva@gmail.com, evagaio@hotmail.com



Name : Valerio de Sousa Gama.



Place/DOB : Loilubo, 23 March 1982.
Position : Permanent Lecturer,
Education :
Diploma : D III in Mechanical Engineering, Universidade
Nasional Timor Lorosa'e (UNTIL), 2009.

Bachelor : -

Postgraduate : S2, Master in Mechanical Engineering, Machine Production,
NagokaUniversity of Technology, Japan, 2014.

Specialization Area : Machine Production/ Machining.

Research Area of Interest : Production Engineering / Processing study.

Home Address : Hera, Dili – TL.

Contact Number : (+670) 78529318.

E-mail : valerio.gama82@yahoo.com