STARS   **FPT.** Fpt Education

TRƯỜNG ĐẠI HỌC FPT

SCHOLARSHIP ANNOUNCEMENT

TO: Embassy of Algeria

13 Phan Chu Trinh, Hoan Kiem Dist., Hanoi City

Greetings from FPT University Global Office!

It is to bring to your kind attention that FPT University has declared a scholarship program for 100 Algerian students who will be introduced by Government/ Embassy of Algeria in the academic year 2017- 2018 on the occasion of the 55th anniversary of diplomatic relationship between two countries.

The aim of the FPT Scholarship is to enable and encourage talent Algerian students to reach international programs in FPT University Vietnam where they not only study English and Vietnamese languages but also have an opportunity to exchange cultures and discover one of the top 10 most dynamic cities in the world. The detail of the scholarship has been listed below:

I. Scholarship Value

- Scholarships per student are *$1,500* (One thousand five hundred US dollar) for Bachelor, *$800 (*Eight hundred US dollar) for Master student.
- Total scholarships in school year 2017-2018: *100*
- Total Grand Budget for scholarship is *$150,000* (One hundred and fifty thousand US dollar)

*** This scholarship will not be given by cash, and each student could receive only one scholarship.

II. Programs:

- Bachelor in Software Engineering
- Bachelor in Business Administration
- Master of Software Engineering

Intake for Bachelor:

1. Fall 2017 (deadline to submit document is 10th August 2017)

2. Spring 2018 (deadline to submit document is 10th December 2017)

3. Summer 2018 (deadline to submit document is 10th April 2018)

Intake for Master

1. 3rd June 2017,(deadline to submit document is 25th May 2017)

2. 5th November 2017 (deadline to submit document is 20th October 2017)

(See more details on our website: international.fpt.edu.vn))

TRƯỜNG ĐẠI HỌC FPT HÀ NỘI
Website: daihoc.fpt.edu.vn
Khu Giáo dục và Đào tạo - Khu công nghệ cao Hòa Lạc, Km29, Đại lộ Thăng Long, Huyện Thạch Thất, Hà Nội

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III. Eligibility to apply:

- Must be Algerian citizens
- Must be a high school graduate from an accredited educational institute
- Must have English proficiency: TOEFL (PBT): 500/ TOIEC (IBT): 65/ IELTS: 5.5 or equivalent. (valid at the time of submission)
  (Students have no English certificate must sit for an English entrance exam held by FPT University.)

IV. Required Documents:

- Highest qualification- Certification & Transcript
- Passport & passport photograph (3x4)
- Birth certificate
- Health certificate
- Proof of English proficiency   (IELTS/ TOEFL) (or register to take English placement test of FPT University) (for non-native English speaking students only)
- Curriculum Vitae/ Resume
- Recommendation letter from Algerian Government/Embassy

V. Shortlist: Shortlist will be informed a week after deadline of closing date of each semester as article I above.

VI. Contact for more information:

- **Ms. Hoang Thi Thu Huong**
  Director of FPT University Global Office
  Mobile: +84 90 4244 875
  Email: huonghtt6@fe.edu.vn
  Skype: hoanghuong76

- **Ms. Nguyen Thi Quyen**
  International Admission Officer
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  Email: quyennt23@fe.edu.vn
  Whatsapp: +84 1676 389 114

Please share this scholarship with high schools, institutes and government offices in your home country so that Algerian potential students could reach their dream of studying abroad.

Thanks and best regards.

Nguyen Khac Thanh
Rector
FPT University

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PROPOSAL OF FPT UNIVERSITY, VIETNAM

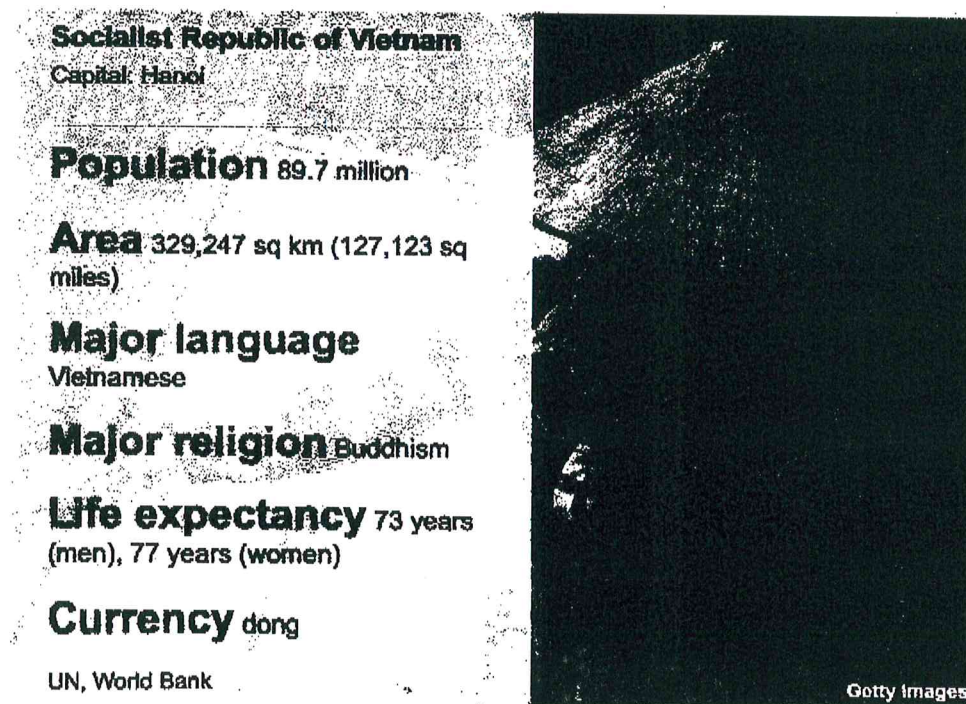## Contents

PROPOSAL OF FPT UNIVERSITY, VIETNAM

I.   Background

1.1.   *Vietnam: A destination of peace and development*

While Western spiritual, intellectual and commercial life has experienced the stagnation since the early medieval period, Asia has thrived to be the future dreamland, the wellspring of science, entrepreneurship and culture exchange.

"It is the heart of explosive growth for years to come" - U.S. President Barack Obama, APEC Summit, Hawaii, November 12th 2011.

Vietnam will open your pathway to the Heart of Asia:

Socialist Republic of Vietnam
Capital: Hanoi

Population 89.7 million

Area 329,247 sq km (127,123 sq miles)

Major language Vietnamese

Major religion Buddhism

Life expectancy 73 years (men), 77 years (women)

Currency dong

UN, World Bank

Getty Images

+ Considered as a Asia-Pacific nation with a "Pivot Position" due to its geo-strategic significance with China and Japan in the north, Singapore and Australia in the south and existing as the transport junction from the Indian Ocean to the Pacific Ocean

+ Being one of the fastest-growing economies in the world. It is going through a far-reaching transformation from an inward looking planned economy to one that is globalized and market based. It has the potential to be one of the great success stories in development.

Studying in Vietnam provides unparalleled opportunities for international students to enjoy a peaceful and affordable living in an Asian nation that is experiencing incredible economic liberalization and rapid development blended with traditional roots and a strong cultural heritage.

1.2. FPT Corporation, Vietnam: A pioneer to the future

11	**18K**	**5.500**	**1.400**
years operating in tertiary education	students in FPT Education	undergraduate students	lecturers & staff
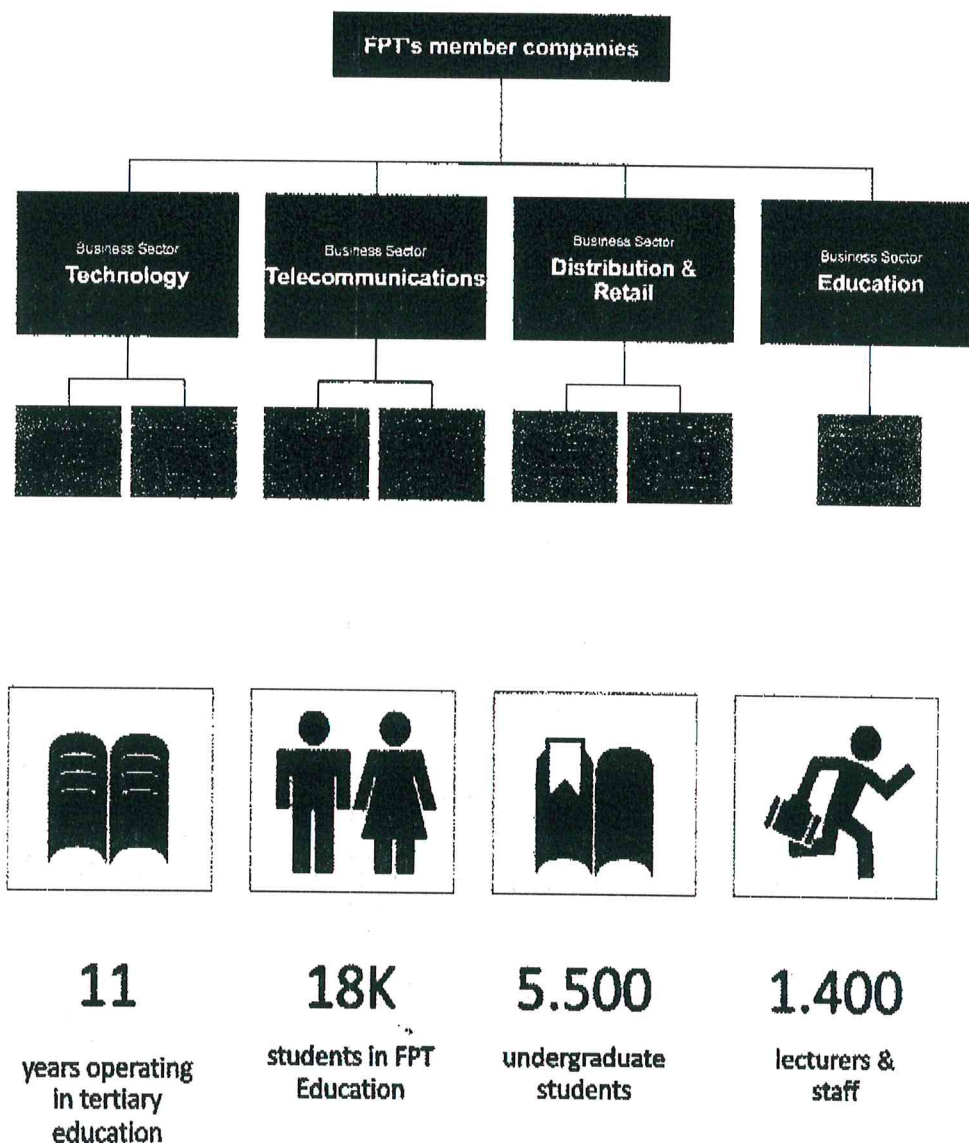
YOUNG, STABLE AND HIGHLY QUALIFIED WORKFORCE

Human resources are the core value and the solid foundation which enables FPT to constantly generate added value for customers.

8,500+
IT engineers, technology experts

17,000+
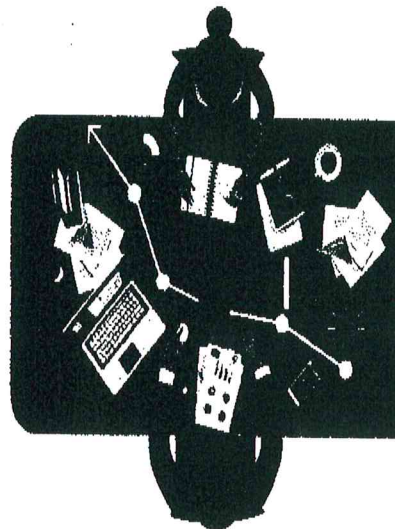students undergoing training

75.6%
employees under the age of 30

600+
foreign staff

Learn more
Leadership

Business Scope

IT Services	System Integration	**Software Outsourcing**
	Software Solutions	• With 7,500 software experts worldwide, we have adopted a low-risk Global Delivery Model (GDM) to ensure accelerated schedules are met with a high degree of time and cost predictability.
	Software Outsourcing	• FPT Delivery Center operates at all global footprints.
	ERP Services	• Efficient processes and quality certified by CMMI Level 5 v1.2.
		SI & ERP Services
		• Ranked No. 1 in Vietnam, with more than half of the domestic market share.
		• Annual growth of the two fields is 40% and 90% respectively.
		• Partners: Accenture, Diebol, Check Point, Cisco, IBM, HP, Microsoft, NCR, Oracle, SAP, Unisys.
Telecommunication	Internet Access Services	• One of the leading ADSL providers: more than 1 million internet subscribers, 400,000 ADSL subscribers, 30% market share, average annual growth: 50%.
	Telecom Solutions and Network	• Provide VoIP, ICP, ISP, OSP, and DXP; Set up telecom network and provide telecom services; Test mobile Wimax...
	Online Content Products and Services	• Available in 46 provinces/cities in Vietnam.
		• Digital content products and services: E-newspaper, online music, online games, iTV, mobile messenger, online shopping etc.
IT Products Distributions & Manufacturing	Distribution of ICT Products	• No.1 distributor of IT and Telecom products in Vietnam.
	Made-by-FPT Products	• 1,500 agencies in 64 provinces/cities across Vietnam.
		• Distribute 60+ international brand names: IBM, Lenovo, Microsoft, HP, Nokia, Toshiba, Oracle, Samsung, Cisco, Dell, Motorola, HTC, Apple, Intel, Symantec, NEC, Seagate, MSI, Foxconn, Sandisk, Logitech,...
		• Made-by-FPT Products: Elead (laptop, desktop), F-mobile (mobile phone).
Education	University & College	• Leader in IT Education & Training in Vietnam that educates internationally qualified human resources.
	IT Professional Training	• University & College Majors: IT, Business Administration, Finance, Banking...
		• FPT Arena Multimedia Arts Training Center.
		• FPT Aptech International Programmer Training Center.

1.3. FPT University, Vietnam: A promising destination for foreign students

98% of FPT students get job within 3 months of graduation	15 % of FPT students work overseas in US, Japan, England, Germany, Singapore, etc.	27% of FPT student get the salary higher than the average salary in the industry

In recent time, Asia with its fast paces of development has become a prominent place for international students who are looking for a dynamic and multi-cultural environment, inexpensive tuition fee and living cost, better future job prospect, new geographical and culture experience, international network of friends and colleagues.

FPT University is one of the largest private universities in Vietnam, fully funded by an enterprise - FPT Corporation - the leading ICT Company in Vietnam. FPT University is also the first university of Vietnam that is internationally recognized at three-star standard by QS Stars. According to the definition of QS Stars University Ratings, the school that is rated 3 stars is a prestigious university at home, with certain international brand and its graduates are welcome by employers. Hence, studying at FPT University is not just about theory but also about gaining practical working experience with FPT Corporation and opportunities of onsite working in different parts of the world.

FPT University has a reputation of being one of the universities in South East Asia to enroll multinational / African students. Over 120 African students from various countries are currently studying in the University from 2014. With the advantages of affordable fees and high quality academic programs, the University soon became a favorite destination for students who dreamt of pursuing oversea higher education at a reasonable time frame and costs.

One of the most prominent client states of which FPT University has established a fruitful cooperation is the government of Nigeria and the State of Kogi, Nigeria. From September 2013 to present, the State of Kogi has sent and fully sponsored a pilot batch of 13 students to study in FPT University on the various programs of their choices. With this batch of students well within their final year at the University, it is clear to both sides that the students are on the right path of developing their skills and preparing for their future, thus more batches of students should continue to follow.

For FPT University, the cooperation to the Nigerians and the State of Kogi has emphasize its capabilities of delivering high quality education, thus ensuring its reputation as a reliable partner to other countries, state and country governing bodies. The model of partnership between FPT University and Nigeria in the State of Kogi should be a clear example of how a successful relationship can benefit both parties.

II.   Details of program offered

2.1. *Programs offered by FPT University:*

2.1.1. Bachelor of Software Engineering

a. Type of course: Full time

b. Duration: 3 years (8 semesters)

c. Tuition fee: 14,800 USD, Admission fee: 200 USD

d. Course objective: This program is particularly suited to students with strong communication skills who will work at the interface between a software system and a business organization by:

+ Working on complex software development environments, operating systems, communications, web software, databases and varied applications, students will undertake studies in all facets of the software engineering process.

+ Focusing on software development life-cycle, but going beyond programming to assess and meet customer needs, and design and test software.

+ Developing software solutions often involves assembling extensive amount of code into working applications, as well as updating and fixing problems in existing software.

e. Course structure:

No	Subject Code	Subject Name	Credits
center	Semester 1		
1	MAC101	Advanced Mathematics 1 (Calculus)	3
2	CSI101	Introduction to computer sciences	3
3	PRF192	Programing Fundamentals (C)	3
4	MAD111	Discrete mathematics 1	3
5	VNL111	Vietnamese language 1	3
center	Semester 2		
1	MAA101	Advanced Mathematics 2 (Linear Algebra)	3
2	SSG102	Working in groups	3
3	MAD121	Discrete mathematics 2	3
4	PRO191	Object-Oriented Paradigm (C++)	3
5	VNL121	Vietnamese language 2	3
center	Semester 3		
1	SWE102	Introduction to Software Engineering	3
2	PRJ101	Core Java	3
3	OSG202	Operating Systems	3
4	VNL131	Vietnamese language 3	3
center	Semester 4		
1	CSD201	Data structures and Algorithms	3
2	DBI202	Introduction to Databases	3
3	PRN292	.NET&C#	3
4	NWC202	Computer Network	3
center	Semester 5		
1	SWR301	Software Requirement	3
2	SWQ391	Software Quality and Testing	3
3	PRJ201	Advanced Java	3
4	MAS291	Statistics and Probability	3
center	Semester 6		
1	SWD391	Software Architecture and Design	3
2		Specialized elective 1	3
3		Specialized elective 2	3
4	HCI201	Human-Computer Interaction	3
center	Semester 7		

1	SWM301	Information Technology Project Management	3
2		Specialized elective 3	3
3		Specialized elective 4	3
4	SSC102	Business Communication	3
Semester 8			
1	ITE302	Ethics in Information Technology	3
2		Free Elective 1	3
3		Vietnamese Culture	3
4	SWP490	Capstone Project	10
Total credits			115

*Physical Education (implemented along the program): 6 credits

2.1.2. Bachelor of Business Administration

a. Type of course: Full time

b. Duration: 3 years (8 semesters)

c. Tuition fee: 14,800 USD, Admission fee: 200 USD

d. Course objective: The program will develop students' business acumen and management capabilities through an innovative and international program built on the expertise of the world-ranked FPT University in order to:

+ Prepare students to launch their career at a global level and play a fundamental role in companies and organizations by giving them the technical knowledge and leadership skills needed in Finance, Entrepreneurship, Marketing and International Business field.

+ Provide an international environment and connections to the business world that will enable students to lead a successful career in the world's top corporations or set up their own business.

e. Course structure

No	Subject Code	Subject Name	Credits
Semester 1			
1	SSG101	Working in Groups	3
2	ECO111	Microeconomics	3
3	CSI102	Introduction to Informatics	3
4	MGT101	Introduction to Management	3
5	VNL111	Vietnamese Language 1	3

Semester 2			
1	ACC101	Principles of Accounting	3
2	ECO121	Macroeconomics	3
3	MAC102	Advanced Mathematics for Business	3
4	OBE101	Organizational Behavior	3
5	VNL121	Vietnamese Language 2	3
Semester 3			
1	FIN201	Monetary Economics & Global Economy	3
2	FIN202	Principles of Corporate Finance	3
3	MKT101	Marketing Principles	3
4	VNL131	Vietnamese Language 3	3
Semester 4			
1	PRE201	ICT elective: Excel Programming	3
2	MAS201	Statistics & Data Processing	3
3	MKT201	Concentration 1: Consumer Behavior	3
4	ENL111	Academic English	3
Semester 5			
1	MKT202	Concentration 2: Services Marketing Management	3
2	MKT301	Concentration 3: Marketing Research	3
3	SSC101	Business Communication	3
4	ENL112	Advanced Academic English	3
Semester 6			
1	ETR401	Entrepreneurship	3
2	MKT304	Concentration 4: Integrated Marketing Communication	3
3	LAW101	Business Law Fundamentals	3
4	SSM201	Management Skills	3
Semester 7			
1	MKT305	Concentration 5: Marketing Strategy	3
2	ITA202	Management Information System	3
3	GDP101	Business Breadth: Applied Graphic Design	3
4	SSN301	Negotiation	3
Semester 8			
1	ISC302	E-Commerce	3
2	BUE201	Business Ethics	3

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3		Vietnamese Culture	3
4	GRA491	Graduation Assignment	5
		Total credits	**110**

*Physical Education (implemented along the program): 6 credits

2.1.3. Master of Software Engineering (specialized in Project Management, Data Analysis, and IoT)

a. Type of courses: Full time

b. Duration: 1.5 years (4 trimesters)

c. Tuition fee: 8,000 USD, Admission fee: 200 USD

d. Course objective: Prepare professionals for leadership positions that bridge the gap between technology-oriented staff, functional personnel, and management.

     + Address the growing need for skilled information professionals who can strategically manage information and technology assets to fulfill critical information needs in organizations.

     + Provide leadership in the information management field through the study of ethical, political, social, and technical issues related to information management in modern society.

     + Assist organizations in the formation of information policies, development and application of information systems and services, and the use of information management technologies and methods.

e. Prerequisites

     + Bachelor degree in Software Engineering or related major (Computer Science, Electronic and Telecommunication Engineering, Communication and Computer Network, Information System and Information Technology, etc.)

     + Candidates who have bachelor degree of other major will be required to take the course of Introduction to Software Engineering in undergraduate program of FPT University

     + Language for non-native English speaker: CEFR B1 or IELTS 4.5 or TOEFL ITB 450 or TOEFL CBT 133 or TOEFL IBT 45 or TOEIC 450 or Cambridge Exam PET or BEC certification Preliminary or BULATS 40

f. Course structure

No	Code	Course	Credit
1	PRF192	Programming Fundamentals using C	3

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| 2 | PRO192 | Object Oriented Paradigm | 3 |
| 3 | SWE102 | Introduction to Software Engineering | 3 |

(For thosewho have graduatedfromundergraduate engineering with close to software engineering)

Entrance exam
- Math and computer facility, Software engineering foundation
- English

Table 2: List of modules in the training program

	Program content			TC
A	General knowledge			12
1	PHY501		Philosophy	3
2	Certificate		English B1 or equivalent (Certificate)	6
3	RAW501		Research methods & Academic Writing	3
B	Basic knowledge (*)			12
			Basic knowledge (Obligatory)	6
1	SWD391		Software Architecture and Design	3
2	CSD201		Data Structure and Algorithm	3
			Basic knowledge (option 02/10)	6
1	SWQ391		Software Quality Assurance and Testing	3
2	SWR301		Software Requirements	3
3	SWM301		Software Project Management	3
4	PRX301		Advanced XML	3
5	OSG202		Operating System	3
6	NWC202		Computer Network	3
7	PRO201		Front-end Web Development	3
8	PRM391		Mobile Programming	3
9	DGT201		Digital Fundamentals	3
10	ESS301		Embedded Software Development	3
C	Specialized knowledge			24
			Advanced specialized knowledge (Obligatory)	12
1	SWM501		Software Project Management (advanced topics)	3

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2	DSP501	Digital Signal Processing	3
3	IVP501	Digital Image and Video Processing	3
4	IAD591	IoT Application Development	3
		In-depth knowledge (option 04/07) (**)	12
1	AES501	Advanced Embedded System	3
2	WSN501	Wireless Sensor Networks	3
3	ISP591	Integrated System Project	3
4	BAN501	Business Analytics	3
5	BDA501	Big Data	3
6	DAM501	Data Mining	3
7	TEM501	Text Mining	3
D	LUẬN VĂN		12
	SWP590	Thesis	12

(*) Exempt for FPT University students who have graduated in information technology.

(**) Elective courses are organized according to the actual implementation of FPT University under one of the two focus groups (IoT: AES501, WSN501, ISP591, BAN501) or (Data analytics: BDA501, DAM501, TEM501, BAN501).

Table 3: Training plan

[1]: Exempt for FPT University studentswho have graduated in information technology.Exempt courses willnotcounttowardthe GPA

[2]: phase 1: focusing on andclarifyingthemain content andhowto do it, phase 2: themainimplementationstepsanddefense.

2.2. On the job training

The OJT course is one of the main focuses of FPT University in its academic education delivery. Students reaching their final semester at the University are obligated to participate in the OJT course, of which they will choose to do a short internship at a

business/company of their choices. This course is not only for the students to get familiar with a working environment but also raising their understanding and awareness of their strengths and weaknesses when they perform assignments in a real-life situation.

Duration of 3 to 4 months depends on the programs; the OJT course is also an opportunity for the employers to seek and recruit potential qualified candidates for various positions in a business/company.
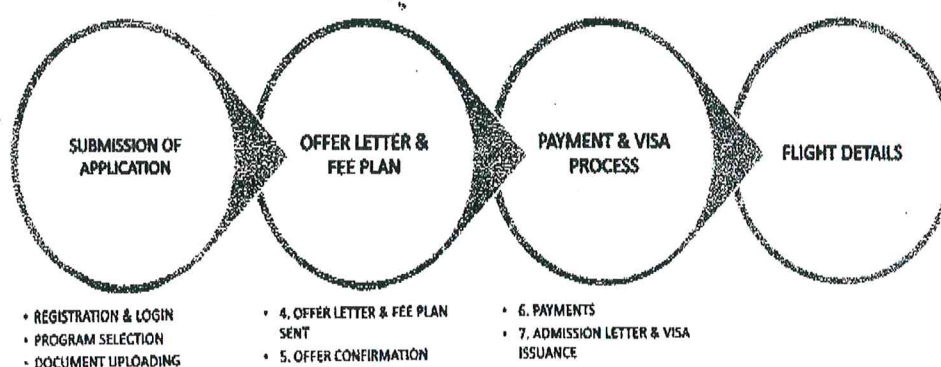
2.3. Financial Aid

- For undergraduate programs: FPT University offers 30% of the first-year tuition fee to students who will be introduced by Government/ Embassy in the academic year 2017-2018

*Note: Students are selected for OJT (on the job training) at a business/company based on their performance and is paid by company.

No.	Program	Degree issued by	Tuition fee	Offer about 30% scholarship First Year Tuition
1	Bachelor in Software Engineering (BSE)	FPT University	$14,800	$1,500
2	Bachelor in Business Administration (BBA)	FPT University	$14,800	$1.500
3	Master in Software Engineering (MSE)	FPT University	$8,000	$800

2.4. Admission process

| SUBMISSION OF APPLICATION	OFFER LETTER & FEE PLAN	PAYMENT & VISA PROCESS	FLIGHT DETAILS
• REGISTRATION & LOGIN • PROGRAM SELECTION - DOCUMENT UPLOADING	• 4. OFFER LETTER & FEE PLAN SENT • 5. OFFER CONFIRMATION	• 6. PAYMENTS • 7. ADMISSION LETTER & VISA ISSUANCE	

2.5. Cost of living

Estimate monthly expenses for a single person at 441.08$ and for four-person family at 1,576.01$

Expenses	Average (USD)
Meal, Inexpensive Restaurant	1.98
Water (0.33 liter bottle)	0.28
Apartment (1 bedroom) Outside of Centre	295.24
Basic (Electricity, Heating, Water, Garbage) for 85m2 Apartment	70.40
Internet (10 Mbps, Unlimited Data, Cable/ADSL)	11.55

* Transportation   ⁑ Clothing & Shoes   * Sports & Leisure   ⅋ Market

⅋ Utilities (monthly)   ■ Rent per month   ■ Restaurants

Legend   8%   17%   3%   7%   27%   5%   33%
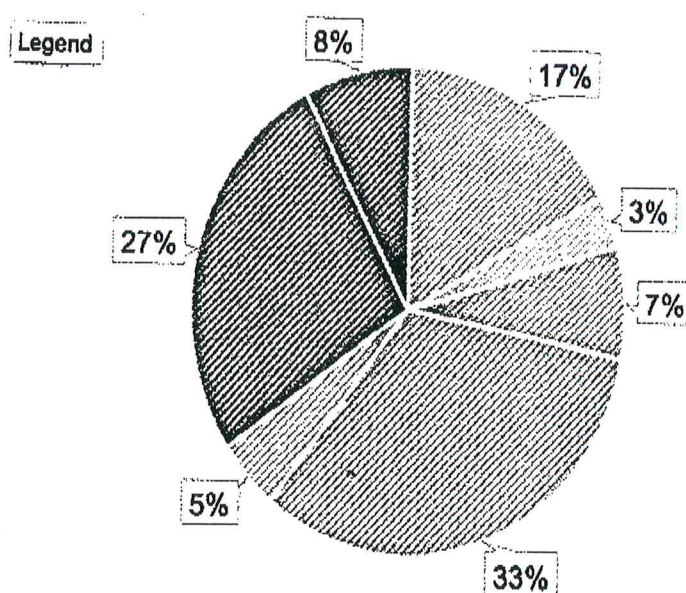
Distribution of expenses in Hanoi (March, 2017)

Source: https://www.numbeo.com/

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III.   Implementation of Proposal

With the aim of encouraging and empowering its citizens based on the pursuit of higher education nationwide, FPT University would like to have the support of the Embassy to promote scholarship programs to students who are either living in Vietnam o in their country by its best diplomatic and protocol.

The candidates recommended via the diplomatic means, i.e. the Embassy or via Ministry of Education from the home country will be shortlisted for the scholarship interview.

The list of successful candidates will be announced to the Ministry of Education through the Embassy as well as published on FPT University, Embassy and Ministry of Education websites one week after the deadline of all submitted documents.