



Office of International Relations
Indian Institute of Technology
Kharagpur – 721 302

REF: 639/2020/OIR

Dated: 01.01.2020

To:
The Head of Department
Department of Electrical Engineering
IIT Kharagpur
721302.

→ Prof. A.K. Anandhan
Interview may be conducted
on 14/1/20 at 4pm.
Prof. Barai 6/1/20.

Subject: Application of Mr. Ehinomen Emmanuel Okooboh from Nigeria.
Program Applied for: Master's at the Department of Electrical Engineering.
Session Applied: Autumn semester- 2020-2021.

Dear Prof. Pranab Kumar Dutta
Greetings from the Office of International Relations (OIR)!

We are pleased to forward an application for Master's from Mr. Ehinomen Emmanuel Okooboh. All supporting documents are attached. The Departmental Recommendation Form (DRF) for the foreign applicant is also enclosed.

You are requested to kindly:

- Review and evaluate the application form and mark accordingly in the attached DRF.
- Schedule an online personal interview if found eligible.
- Tick whether and when personal interview was conducted. Indicate your decision in the space provided in the DRF.
- Assign Faculty mentor (if recommended for admission).
- Provide your additional comments (if any).
- 'Sign' with date; put your name seal in the space provided.

Once done you are requested to return back this filled and signed application form to OIR for our further processing. You may contact our IR Executive - Ms. Alivia Nag (Extn: 81068 or email at alivia.nag@adm.iitkgp.ac.in) in case of any issues or further query regarding this application form.

Thank you.

Sincerely,

Prof. Sudhir Kumar Barai
Dean, International Relations (Officiating)

संकायाध्यक्ष, अंतर्राष्ट्रीय संबंध
Dean, International Relations
भा प्रौ सं खड़गपुर/IIT Kharagpur



Encl: (a) Recommendation Form for PG/Doctoral Studies by foreign applicant,
(b) Application forms along with the supporting documents.

* Interview conducted on 14/1/20 and not found suitable
P.D.N. 14/1/20 → Dean (IR)



Office of International Relations Indian Institute of Technology Kharagpur

Recommendation Form for PG/ Doctoral Studies by foreign applicants

Applicant details (to be filled in by OIR)			
Name	EHINOMEN EMMANUEL OKOBOH		
Citizenship	NIGERIA	Date of Birth	05-10-1988
Current affiliation	ADEAIK GROUP, WEST AFRICA		
Academic qualifications (University/Institute, degree, year etc.)	B.Sc, AMBROSE ALLI UNIVERSITY, EKPOMA, NIGERIA		
Details of application at IIT Kharagpur (to be filled in by OIR)			
Department/School/Centre	ELECTRICAL ENGINEERING		
Intended degree	MASTER'S	Intended specialization	POWER
Intended start semester	AUTUMN SEMESTER 2020-21		
Source of funding	Self / Scholarship	Details: SELF	
Recommendation (to be filled in by D/C/S)			
Academic qualifications reviewed	Yes ✓	Marks Obtained in personal interview (out of 100)	No
Personal interview conducted	If Yes (Date) 14.01.2020	35	No
Recommendation (please tick one)	Recommended		Not Recommended ✓
Mentor faculty (if recommended)	NO		
Comments (if any)	Not recommended. Bayar Asl ASD		
Signature of Head with seal and date	P. D. M. 14/1/20		
Forwarded by Dean IR			
Comments by Dy.Reg Academics/ Joint Reg Academics			
Approval			
Comments by Dean PGS&R			
Signature of Dean PGS&R with seal and date			

Please note: Kindly return this signed form to OIR for further processing. If recommended, GoI rules will be followed for issuing visa invitation letter to applicant.

Form updated 8 December 2019

Application for MS/PhD Programme

Application Details

Application ID : 2019M0148OKOO
Applied Date : 25-12-2019

Personal Details

Name (as in passport) : Okooboh Ehinomen Emmanuel
Date of Birth : Oct. 5, 1988
Place of Birth : Auchi Edo State
Gender : Male
Nationality : Nigerian
Main Language/s spoken at home : English
Other Languages Known : Esan, French



Emmanuel

Passport Details

Passport Number : A03224626
Issued date : April 5, 2018
Expiry date : April 4, 2023
Issuing Country : Benin

Contact Details

Email Address : ehisman88@gmail.com
Home Phone : 22962691483
Mobile Phone : 22962691483

Current Mailing Address

Country : Benin
Suburb/Town : Littoral
State : Cotonou

Address : Ancien Ophee Palace Hotel, Quatier Jak
Cotonou, Benin Rep

Postcode : 229

Contact Person in case of Emergency : +234 803 620 7897

Contact Number in case of Emergency : +49 1521 4635289

Course details at IIT Kharagpur

Programme : Masters Program

Department/School/Center : Electrical Engineering

Specialization : Power

Intended period of enrollment : ~~Spring~~ ^{AUTUMN} Semester

Academic year : 2020

Have you received/ will you apply for any scholarship award for visiting IIT Kharagpur? : No

If you do not have a scholarship or if the scholarship is partial, do you have any other funding source? : Yes

Details : : I have my own savings to help me through the study period

Details of your past visits in IITKGP

Have you previously been to Indian Institute of Technology Kharagpur? : No

Have you contacted any Faculty member or any office of the Institute about your present intended visit to IITKGP? : Yes

Name of the Faculty/ Person Contacted	Name of the respective Dept/School/Center/Lab/Office of Int. Relations where contacted	Details of Communications (You may provide email references, if any)
Alivia Nag (Mrs)	Office of International Relations (OIR)	I enquired about how I could go with my application (this was after a friend of mine had recommended IITKGP and gave me her contact email). Her reply came through and I am on the process now.

Home Institution & Administrator's Details

Name of your affiliated Institute/Company : Adeaik Group, West Africa
Institute's/Company's Address : Zone Militaire, Togbin Daho, Benin Republic
Does your Institute/ Company have an MOU with IIT KHARAGPUR? : No

Academic Qualifications/ Educational Details:

Name of the Degree/Exam	University/ Board/ Council	Year of Completion	GPA (or Equivalent)	Maximum GPA Scale (or Equivalent)	Major/ Specialisation/ Subjects
BSc Electrical and Electronics Engineering	Ambrose Alli University Ekpoma, Edo State Nigeria	2014	2.98	5	Electrical Power Option
SSCE	Blessing Secondary School	2004	5 credits	5 credits	English Language, Mathematics, Physics, Chemistry, Biology

GATE Score

Not applicable

Publications/ research papers /books:

Title of Conference Paper/ Journal Paper/ Book Chapter/ Book	Authors	Publication Details (Publisher, Volume no., Pages, Year)
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Work Experience Details:

Company Name	Nature of Job	From	To
		None	

Disability Details

No, I have none.

References :

Referee's name (with salutation)	Email id	Contact Number
Dr. Isaac AKPAN	emma.e.i.akpan@gmail.com	+49 1521 4635289
Engr. Kingsley IKE	kingsleyike1@yahoo.com	+229 97 97 21 51

The West African Examinations Council
West African Senior School Certificate

JUNE 2004

This is to Certify that: OKOOBOH EMMANUEL EHNOMEN

born on: OCTOBER 5, 1988

sex: MALE

having been in attendance at the following recognised school

BLESSING SECONDARY SCHOOL, EKPOMA

sat The West African Senior School Certificate Examination
and obtained the results shown below.



SUBJECT

GRADE

ECONOMICS
GEOGRAPHY
LITERATURE IN ENGLISH
ENGLISH LANGUAGE
MATHEMATICS
AGRICULTURAL SCIENCE
BIOLOGY
CHEMISTRY
PHYSICS
SUBJECTS RECORDED

5
7
6
6
3
5
6
6
3
NINE

CD 15

CANDIDATE No.

4130623033

CERTIFICATE No.

NGWASSCS 6203310



Chairman of Council

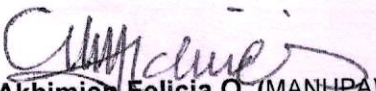
Registrar to the Council

Any alteration, erasure or absence of photograph renders this Certificate invalid.

2010/11	SESSION 300 LEVEL			
ELE301	Electrical Circuit Theory I	3	60	B
ELE302	Electronic Circuit Theory I	3	50	C
ELE303	Electrical Machine I	2	63	B
ELE304	Physical Electronics	3	71	A
ELE305	Electronic Circuit Laboratory	2	67	B
ELE306	Electrical Circuit Laboratory	2	63	B
ELE307	Electrical Measurement and Instrumentation	3	40	E
ELE308	Artificial Intelligence	3	56	C
GEE307	Engineering Mathematics II	3	60	B
ELE311	Electrical Circuit II	3	36	F
ELE312	Computer Network and Switching Techniques	3	40	E
ELE313	Electrical Machines II	2	50	C
ELE314	Electronic Circuit Theory II	3	40	E
ELE315	Digital Electronics Laboratory	1	91	A
ELE316	Telecommunication Laboratory	1	78	A
ELE317	Digital Electronics Circuits	2	40	E
GEE318	Numerical Methods	3	54	C
ELE317	Engineering Mathematics IV	3	47	D
2011/12	SESSION 400 LEVEL			
ELE 401	Control Theory	2	58	C
ELE 402	Communication Principles	3	19	F
ELE 403	Electric Power Principles	3	42	E
ELE 404	Electromagnetic Field and Waves II	3	50	C
ELE 405	Electrical and Electronics Laboratory	3	50	C
ELE406	Engineering Mathematics V	2	47	D
ELE 407	Digital Devices and Logic Circuits	2	65	B
ELE 408	Advanced Circuit Techniques	2	68	B
ELE409	Engineering Mathematics VI	2	55	C
GEE499	Industrial Attachment	6	77	A
2012/13	SESSION 500 LEVEL			
ELE501	Control Engineering	2	54	C
ELE502	Reliability & Maintainability of Elect. & Elect. Equipments	2	59	C
ELE503/513	Project	6	68	B
ELE505	Electrical Services and Design	2	75	A
ELE506	Power Electronics and Devices	2	40	E
ELE509	Analogue and Digital Computers	2	74	A
CIE 506	Engineering Economics and Management	2	72	A
ELE507	Industrial Electronic Design	2	40	E
ELE504	Electro-Mechanical Services and Design	2	53	C
ELE521	Electric Drives	2	46	D
ELE511	Advanced Computer and Statistics	2	67	B
ELE512	Advanced Circuit Techniques	2	45	D
ELE514	Power System Engineering I	2	45	D
ELE515	Power system Communication and Control	2	52	C
ELE518	Telecommunication Engineering	2	55	C
ELE519	Solid State Electronics	2	47	D
CIE517	Engineering Law	2	50	C
ELE516	Switch Gear and High Voltage Engineering	2	60	B
ELE532	Power System Engineering II	2	62	B
ELE 402	Communication Principles	3	47	D
ELE311	Electrical Circuit II	3	40	E

C.G.P.A. = 2.93

Final Degree Result: B. Eng. (Electrical/Electronics Engineering)
Second Class (Hons) Lower Division


Akhimien Felicia O. (MANUPA)

Principal Assistant Registrar
Exams, Records and Data Processing Division
For: Registrar



AMBROSE ALLI UNIVERSITY
P.M.B. 14
EKPOMA-NIGERIA

ACADEMIC TRANSCRIPT

OUR REF: AAU/ER/56/AFO/ELE/08/04008/M/08092015/00034

NAME: OKO-OBOH EMMANUEL EHINOMEN
FACULTY: ENGINEERING AND TECHNOLOGY
DEPARTMENT: ELECTRICAL & ELECTRONICS ENGINEERING
NATIONALITY: NIGERIAN
MATRIC NO: 04008

DATE OF BIRTH: 05/10/1988
YEAR OF ENTRY: 2008/2009
MODE OF ENTRY: UME
SEX: MALE

2008/09 COURSE CODE	SESSION: 100 LEVEL COURSES TITLE	UNITS	SCORE	GRADE
MTH101	Elementary Mathematics I (Algebra and Trigonometry)	3	56	C
STA101	Statistics for Physical Science	4	51	C
CSC101	Introduction to Computer Science	2	52	C
PHY101	General Physics I (Mechanics)	3	50	C
PHY102	General Physics II (Electricity and Magnetism)	3	41	E
PHY103	General Physics (Laboratory)	2	63	B
CHM101	General Chemistry (Inorganic)	3	70	A
CHM102	General Chemistry (Laboratory)	2	76	A
GST101	Use of English and Library	4	76	A
GST102	Logic and Philosophy	2	59	C
MTH111	Elementary Mathematics II (Vectors, Geometry & Dynamics)	3	56	C
MTH112	Elementary Mathematics III (Calculus)	3	48	D
MTH113	Static's	3	48	D
PHY111	General Physics III (Heat and Kinetic Theory)	2	50	C
CHM112	General Chemistry II (Organic)	3	45	D
GEE112	Engineering Workshop (Basic)	2	40	E
GST111	Nigerian Peoples and Culture	2	67	B
GST112	History and Philosophy of Science	2	62	B
2009/10	SESSION 200 LEVEL	2	47	D
GEE201	Basic Electrical Engineering	2	42	E
GEE202	Engineering Mechanics I	1	64	B
GEE203	Basic Surveying	2	40	E
GEE204	Engineering Drawing I	2	40	E
GEE205	Workshop Practice	3	76	A
GEE206	Computer Programming	3	65	B
GEE207	Engineering Mathematics II (Elements of Diff. Equation)	2	40	E
CHM201	General Chemistry II	1	57	C
GEE221	Basic Electrical Engineering I (Practical)	1	56	C
GEE222	Engineering Mechanics I Practical	2	53	C
GEE211	Information Technology in Engineering	2	80	A
GEE212	Material Science	2	57	C
GEE213	Fluid Mechanics I	1	46	D
GEE214	Engineers in Society	2	70	A
GEE215	Engineering Thermodynamics	2	40	E
GEE216	Strength of Materials II	1	82	A
GEE217	Engineering Mathematics II (Intro. to Numerical Analysis)	2	55	C
ENT211	Entrepreneurship Studies II	1	55	C
GEE231	Basic Electrical Engineering II (Practical)	1	47	D
GEE232	Material Science Practical	1	55	C
GEE233	Fluid Mechanics (Practical)	1	55	C
GEE235	Engineering Thermodynamic Practical	1	60	B
GEE236	Strength of Material (Practical)			
GST222	Peace and Conflict Resolution Studies			

Signature
9/9/15





AMBROSE ALLI UNIVERSITY

P.M.B. 14, Ekpoma, Edo State, Nigeria

VISION: To foster the growth of knowledge for the advancement of society.

RB2N32
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Office of the Registrar

Acting Registrar:
F.A. OJO-MALIKI, MNOM, MANUPA
B.Sc. (Hons.), MPA (Dip)

GSM NO: 08038041327
Cable & Telegram: ALLI UNIVERSITY
E-mail: registrar@ambrosealliversity.edu.ng

AAU/ER/56/ELE/CB/04008/12/13/ELE/

July 18, 2014

OKO-OBOH, Ehinomen Emmanuel
Dept. of Electrical & Electronics Engineering
Ambrose Alli University,
Ekpoma.

Dear Oko-Oboh,

NOTIFICATION OF FINAL DEGREE EXAMINATION RESULTS

I am pleased to inform you that you have satisfied the Examiners and Senate of this University in the final Degree Examination held in **2012/2013** session.

Senate has, therefore, awarded to you the Degree of Bachelor of Engineering in **Electrical & Electronics Engineering (B. Eng)** **Second Class (Hons.) Lower Division** with effect from **28th May, 2014**.

The Degree will be conferred on you at the next convocation ceremony.

Please, accept our congratulations.

Yours sincerely,

Akhimien Felicia O., MANUPA,
Prin. Asst. Registrar.

Exams, Records & Data Processing Division
For: Registrar
FAO/EMO



MISSION: To be a centre of excellence in teaching and research and in the total development of the individual person and in tune with the socio-cultural environment and technological realities of a dynamic world.

WASSC

STANDARDS IN SUBJECTS

Attainment in a subject is indicated by a grade: Grade A1 being the highest and Grade F9 the lowest

The interpretation of the various grades is as follows:-

Grades	Interpretation
Grade A1	Excellent
Grade B2	Very Good
Grade B3	Good
Grade C4	Credit
Grade C5	Credit
Grade C6	Credit
Grade D7	Pass
Grade E8	Pass
Grade F9	Fail

Only Grades A1 – E8 are shown on this Certificate.

The Certificate issued is and remains the property of The West African Examinations Council at all times and it is issued on the following conditions:-

- (a) Any attempt to use or misuse of photograph render this Certificate invalid
- (b) The Certificate must be surrendered to The West African Examinations Council on request
- (c) The Certificate should be kept in a safe place.
- (d) The West African Examinations Council will not issue any copies of the original Certificate.

On a genuine Certificate the colouring between
the ornamental borders consists of the words
THE WEST AFRICAN EXAMINATIONS COUNCIL
microprinted in colour.

There is a thread within the paper running vertically down the Certificate.



Statement Of Research

I studied at the Ambrose Alli University, where I studied Electrical and Electronics Engineering for five years. In the final year, I took the power option. My passion is in Power Generation. My home country majorly utilizes the Hydro Electric power and Thermal power supply. Only independent companies help some residential areas with Solar and other power sources. My final year project was on the *Determination Of The Charging Rate Of Solar Panel In Nigeria*, taking Ekpoma as a case study. From my research, it was concluded that Ekpoma is a good place to harvest solar energy. There is a record of all year round sunshine (only with varying number of hours per day). I also spent a period of a month (August – September, 2014) at the Benin Electricity Distribution Company in Edo state, Nigeria. It was a voluntary service that helped me to understand the techniques of power distribution in the country. It was both an Educative and Expository month with the team I worked with.

To help my computer aided designs and optimization, I spent some time learning PowerWord, PsCAD (it was for the period of the training, afterwards the license was withdrawn from the university) and Matlab. My drive is towards perfecting the utilization of alternative power source. According to Greentechmedia's "The Death of Alternative Energy", leading countries are switching swiftly from the use of coal power to renewable sources. There is a record of Germany sourcing as much as 85% of all its energy from renewables. It is stated also that China and India are investing some hundreds of billions into renewable energy. In Nigeria, for instance, there is still a very low-level acceptance of the alternative renewable energies. We are still stuck to the usage of coal and hydro electric energies. Whereas Hydro Electric energy is renewable and very efficient, it is not adequate for the whole country. According to USAID's *Power Africa Fact Sheet*, In the Sub-Saharan Africa, Nigeria has the largest economy. But the growth of the economy is greatly hindered by the limitation of the power supply. Nigeria has the potential to generate 12,522 MWatts. However, only 4,000 MWatts is produced in most days. This production is very insufficient to carry the nation's load. There is constant power outage due to the insufficiency of the power supplied by both hydro and coal. To worsen matters, we still export electrical energy to neighbouring countries whereas, the country cannot carry her electrical demands.

In Adeaik Benin, we are currently on a project of installing four solar panels on the farm, to power a few lighting spots and a few low power consuming loads. Another four panels are to be installed in the school (West African International School) owned by Adeaik. The benefits of these installations are –

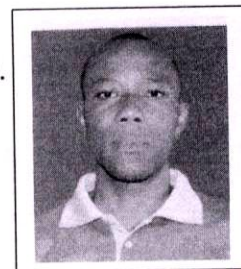
- to control power consumption rate of the institution and farm;
- to serve as a training centre for the science and technology students of the school;
- to enhance further research on solar power generation;
- to reduce the tariff from the power company of the country (SBEE).

This area of power generation is where I still have my passion in the field of power engineering. I trust I would obtain a great impartation in India, seeing how she has improved in the power sector over the years.

I am a passionate about my drive, and I would do all that I can to make sure I get what I want. In studies and hardwork, I have an undaunted and unreserved pursuit.

OKO-OBOH Ehinomen Emmanuel

Current Address: Ancien Ophee Palace Hotel, Quartier JAK, Cotonou, Benin.
Tel: (+234) 8138466247, (+229) 62691483
E-mail Address: ehisman88@gmail.com
Gender: Male
State of Origin: Edo state in Nigeria



EDUCATION:

- BEng (Hons.) Electrical and Electronics Engineering, AAU Ekpoma. 2008 – 2013.
 - ✓ Specialised in Power option
 - ✓ Final year project: Experimental determination of the charging rate of a typical solar panel (100W) in Nigeria, taking AAU, Ekpoma as a case study.
- Blessing Secondary School, Ekpoma 2000 – 2005.
 - ✓ O Levels: Mathematics (B), Physics (B), Chemistry (C).

TECHNICAL SKILLS:

- Hardware installation experience: network cards, graphics cards, hard and floppy disc drives, printers and scanners plus software installation and repair.
- Software expertise: Visual Basic 6.0, Microsoft Office packages, AutoCAD, Matlab 2015
- Installation and maintenance of electrical wiring and appliances
- Power Telecoms (HUAWEI certified)

RELEVANT WORK EXPERIENCE:

- **West African International School, Cotonou, Benin 2017**
Head of maintenance department/Mathematics and Science teacher.
- **Benin Electricity Distribution Company, Ekpoma 2014**
I joined the company voluntarily after school, before NYSC in November. I joined the Maintenance Engineer (M.E.) when he and his team would go out to check out faults within the town.
- **Irrua Specialist Teaching Hospital, Irrua, Edo State 2012**
I had my six-month Industrial Attachment here. I was with the Electrical Department. I was attached to the engineers on duty. Our work was majorly maintenance and installation of electrical appliances

OTHER WORK EXPERIENCE:

- **National Youth Service Corps 2014**
I served as a Mathematics teacher in the senior secondary classes. Teamed with the Science teachers to prepare the students for their science experiments.
- **BGS Secondary School, Ekpoma**
I taught Mathematics here for a term as a part-time teacher.
- **CITA Secondary School, Ekpoma 2006**
I taught sciences till my second year on Campus

INTEREST AND HOBBIES

- Socializing and meeting new people
- Research
- Scoring and composing music

REFEREES:

- **Dr. E. I. Akpan**
Department of Materials and Production Engineering
AAU, Ekpoma
- **Engr. I. K. Ike (FNSE)**
Chairman, Board of Governors,
West African International School,
Quartier JAK, Benin
- **Engr L. Agbontime**
Department of Electrical Engineering
Unilag, Akoka.



These
are to request and
require in the name of the
President and Commander-in-
Chief of the Armed Forces of the
Federal Republic of Nigeria all those
whom it may concern to allow the
bearer to pass freely without let or
hindrance and to afford him or her
every assistance and protection
of which he or she may
stand in need.

A 03224626

FEDERAL REPUBLIC OF NIGERIA

PASSPORT
PASSEPORT

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NCA

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Судебный 1-й отдел
ОКООБОН

Clayton Koppes / Princeton

EHNOMEN EMMANUEL

Nationality: American

NIGERIAN

Date et lieu : Date de naissance :

05 OCT / OCT 88

Sex / Sexe Male of Birth / Lieu de naissance
M EDO

Date of Issue / Date de délivrance

05 APR / AVR 18

Date of Expiry / Date d'expiration
04 APR / AVR 23

Personal No. / N° personnel

Authority / Autorité

COTONOU BENIN REPUBLIC

Holder's Signature / Signature du Titulaire

OKama

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A032246261NGA8810056M2304045<<<<<<<<<<<<<04