

International Exchange Program

International Scholarship Exchange of Ph.D. Candidates and Academic Staff

Name of Participant :

UVESH AMIHAJIBHAI SIPAI

Duration:

July 6, 2019 to August 6, 2019

Scholarship/program:

PROM Programme – International Scholarship Exchange of PHD Candidates and Academic Staff, co-financed granted from the European Union, including the European Social Fund within the framework of the Knowledge Education Development Operational Programme, non-competitive project entitled: International Scholarship Exchange of PhD Candidates and Academic Staff, contract number POWR.03.03.00-00-PN13/18.

Hosting Institute/Organization:

Institute of Electrical Power Engineering, Lodz University of Technology, Poland

Documents Attached:

1. Invitation Letter
2. Officer Order
3. Agreement
4. Certificate
5. Online Newsletter Copy (Polish + English)



Lodz University of Technology

International Cooperation Centre

Lodz, June 10th 2019

Consulate General of the Republic of Poland in Mumbai

Nirmal Building, 11A, 11th Floor
241/242 Backbay Reclamation
Nariman Point
Mumbai 400 021, India

INVITATION FOR MOBILITY AT LODZ UNIVERSITY OF TECHNOLOGY

within the project carried out under the PROM Programme – International Scholarship Exchange of PHD Candidates and Academic Staff, co-financed granted from the European Union, including the European Social Fund within the framework of the Knowledge Education Development Operational Programme, non-competitive project entitled: International Scholarship Exchange of PhD Candidates and Academic Staff, contract number POWR.03.03.00-00-PN13/18.

I hereby invite **Mr. Uvesh Amihajibhai Sipai**, PhD student of Marwadi University, born on 22.02.1994, citizen of India, passport number **R4621476**, to carry out a research visit at the Lodz University of Technology in Poland between **July 6th – August 4th 2019**.

During his visit at the Faculty of Electrical, Electronic, Computer and Control Engineering / Institute of Electrical Power Engineering Mr Sipai will be obtaining materials for a PhD thesis and a scientific article.

Mr Sipai will be granted a scholarship to cover the costs of travel and maintenance.

I confirm that Mr Sipai has booked a reservation at the Dormitory no 9 (located at 277 Piotrkowska Street, 90-457 Lodz) of Lodz University of Technology for the entire period of his mobility.

I kindly ask you to issue a visa for Mr Sipai to be able to carry out his stay in Lodz / Poland.

In case of any questions please contact Ms Aleksandra Januszkiewicz / International Cooperation Centre of the Lodz University of Technology, e-mail: aleksandra.januszkiewicz@p.lodz.pl, phone: +48 42 638 38 72

Prorektor ds. Kształcenia
Politechniki Łódzkiej
prof. dr hab. Grzegorz Bąk



International Cooperation Centre
90-539 Łódź, ul. Zwirki 36, building A16
tel: +48 42 638-38-00, fax +48 42 631-32-49
email: cwm@adm.p.lodz.pl

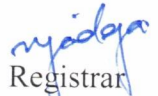


Date: 02/07/2019

Subject: Office order to depute Mr. Uvesh Amihajibhai Sipai as Researcher at Lodz University of Technology during July 06, 2019 to August 04, 2019.

Ref: Invitation letter from International Cooperation Centre of Lodz University of Technology dated 10th June 2019.

Mr. Uvesh Amihajibhai Sipai is working as Assistant Professor in Faculty of Engineering and Technology of Marwadi University. Mr. Uvesh is also a Ph.D. scholar of Marwadi University since 2018-19. He has been invited under International Scholarship Exchange of Ph.D. candidate – A project under PROM programme under staff contract number POWR.03.03.00-00-PN13/18. His travel cost, lodging and boarding will be born by the host institute. In connection with this, he is entitled for on duty leave during the mentioned period mentioned in the subject. In addition to this, he will continue to receive the monthly emoluments as per the rules and regulations of the university.


Registrar
Marwadi University
Rajkot

Copy to:

1. Dean and Principal of University
2. HR Department
3. Concern File



AGREEMENT NR 56/PROM/2019

between

Lodz University of Technology, Żeromskiego 116, 90-924 Łódź, hereinafter referred to as the "University", represented by Mrs. Dorota Piotrowska, PhD. Eng., Director of International Cooperation Centre of Lodz University of Technology, being the Beneficiary in the Agreement for the implementation and financing of the project under the *PROM Programme – International scholarship exchange of PhD students and academics* (hereinafter the Programme), concluded with the Polish National Agency for Academic Exchange, hereinafter referred to as the "Agreement with the University".

and
Mr Uvesh Amihajibhai Sipai, ID / Passport number: R4621476, address: Parvejnagar Society, Tithava, 91 Wankaner, Morbi - 363621, India, hereinafter referred to as the "Project Participant".

The parties have agreed the following terms of the Agreement

PROVISIONS OF THE AGREEMENT:

§ 1 – SUBJECT-MATTER OF THE AGREEMENT

1. The parties have decided to implement a scholarship exchange under the Programme following the provisions of the Agreement with the University. The programme is co-financed by the European Social Fund under the Knowledge Education Development Operational Programme.
2. The Project Participant shall represent and confirm that she/he has read the Programme documentation and the obligations imposed on t her/him in the Agreement with the University and the referenced therein and accepts them.
3. The University will provide the Project Participant with co-financing for implementing a short form of education i.e. **between 06/07/2019 and 04/08/2019 obtaining materials for a PhD thesis/scientific article at the Faculty of Electrical, Electronic, Computer and Control Engineering / Institute of Electrical Power Engineering, Lodz University of Technology, Poland**, hereinafter referred to as the Action,
4. The Project Participant shall accept co-financing and undertake to implement the Action referred to in paragraph 3.
5. The Project Participant declares that she/he has read and accepts the terms of this Agreement. Any amendments to this Agreement must be made in writing under penalty of invalidity.

§ 2 – DURATION OF THE AGREEMENT

1. The Agreement shall enter into force on the date of its conclusion, i.e. after signing by the last party.
2. The Action will start on **06/07/2019** and will end on **04/08/2019**.

§ 3 – CO-FINANCING FOR THE ACTION

1. Co-financing of the costs associated with the Action shall be **PLN 16000**, in words: **sixteen thousand zlotys**. The above amount consists of the amount for travelling of **PLN 4000** and the amount for the costs of living of **PLN 12000**. Co-

- financing can be reduced by the obligatory social and health insurance contributions. In addition, the Project Participant is granted **PLN 0** for fees related to participation in the Action.
2. The Project Participant undertakes to complete an evaluation survey constituting Annex 2 to this Agreement, within the time-limit and on the terms set out in the Programme.
 3. The Project Participant is obliged to provide, depending on the nature of the Action, a suitable certificate proving the proper implementation of the Action, the model of the certificate constitutes Annex 3 to this Agreement.
 4. Within the period of 10 working days from the completion of the Action, the Project Participant shall provide the University with a properly completed trip settlement form in accordance with the model constituting Annex 1 to the Agreement.

§ 4 – PAYMENTS TO THE PROJECT PARTICIPANT

1. Within 14 days after the entry of this Agreement into force payment amounting to **PLN 12800** will be ordered to be made to the Project Participant.
2. As to the remainder, the University shall pay to the Project Participant the funds by 10 working days once the Trip settlement, referred to in § 3 paragraph 4 is accepted.
3. If the amount of funds provided to the Project Participant according to § 4 paragraph 1 exceeds the amount payable indicated in the trip settlement, the Project Participant is obliged to return the amount of a difference between the amount paid and the amount payable, within 10 working days after the University has accepted the trip settlement. The funds returned by the Project Participant, referred to in the previous sentence, are the unused funds within the meaning of the Agreement with the University.

§ 5 – BANK ACCOUNT

Payments will be made to the Project Participant's bank account as detailed below: **payments will be made in cash at cash desk of the Lodz University of Technology.**

Name of the bank: -

Exact name of the account holder: -

Full account number (including IBAN/BIC bank codes): -; SWIFT: -

Currency of the account: -

§ 6 – PERSONAL DATA

The Project Participants, in concluding this Agreement, is obliged to submit a declaration of personal data, which constitutes Annex 4 to this Agreement. Failure to submit the above declaration by the Project Participant shall constitute the basis for non-payment of funds to the Project Participant and for the withdrawal by the University from this Agreement within 3 months from the date of its conclusion, i.e. by **06/10/2019**.

§ 7 – APPLICABLE LAW AND JURISDICTION

Granting and payment of co-financing under the Programme shall be made on a basis of the provisions of this Agreement, taking into account the provisions of the Agreement with the University. Any disputed matters relating to this Agreement shall be settled in accordance with the Polish legislation.

§ 8 – FINAL CONDITIONS

1. The court with jurisdiction to resolve any disputes arising from this Agreement will be the court competent for the University.
2. This Agreement has been drawn up in two identical copies, one for each party.

Project Participant

For the University

Uvesh Amihajibhai Sipai

*Dorota Piotrowska, PhD Eng.,
Director of International Cooperation Centre
Lodz University of Technology*



.....
signature

DYREKTOR
CENTRUM WSPÓŁPRACY MIĘDZYNARODOWEJ
Politechniki Łódzkiej

.....
signature dr inż. Dorota Piotrowska

*Lodz, 06/07/2019
place and date*

*Lodz, 06/07/2019
place and date*

Politechnika Łódzka
90-924 Łódź, ul. Żeromskiego 116
Sto NIP of the University 142-55-000001583
Regon 000001583

Annexes:

- 1) Trip settlement form,
- 2) Evaluation survey,
- 3) Model of the Certificate,
- 4) Declaration of the Project Participant.



CERTIFICATE

Mr

Uvesh Amihajibhai Sipai

participated in

PROM Program - International Scholarship Exchange of PhD Candidates and Academic Staff
(contract number POWR.03.03.00-00-PN13/18).

in the period *July 6, 2019 to August 4, 2019* in *Lodz University of Technology, Poland.*

4th August 2019

date and signature of the organizer

LODZ UNIVERSITY OF TECHNOLOGY
INSTITUTE OF ELECTRICAL POWER
ENGINEERING
18/22 Stefanowskiego Str.
90-924 LODZ
e-mail: i-15@adm.p.lodz.pl
POLAND



Description of learning outcomes¹:

Please describe the learning outcomes as a result of participating in the event using the following formula and catalogue of terms. Defined learning outcomes should be easy to verify. Therefore, too general and complex wording should be avoided, the description language should be simple and precise.

Knowledge (knows and understands...)²

The scholarship holder knows / searches / formulates / explains / recognizes / distinguishes / names / selects / translates / indicates

- The scholarship holder knows fundamentals of electrical network operation,
- The scholarship holder has a depth understanding of the recent developments in power system transformation forwards sustainable power sector,
- The scholarship holder knows the design and control principles of power converters used for the grid integration of renewable energy sources and energy storage facilities,
- The scholarship holder distinguishes between different types of power converters, selects appropriate models, knows their properties, limitations and technical requirements,
- The scholarship holder names the main technical issues linked to applications of power converters in distribution grids, including power quality, stability and reliability aspects
- The scholarship holder explains the physical phenomena relevant to power converter operation in the grid,
- The scholarship holder knows the state-of-the-art in smart grid concept implementation and microgrid control.

Skills (can...)³

The scholarship holder analyses / selects / uses / links / operates / develops / organises / undertakes / calculates / leads / prepares / solves / implements / verifies / searches / designs....

- The scholarship holder selects and links appropriate simulation models to study relevant physical phenomena dealing with power converter operation in on-grid modes,
- The scholarship holder prepares proprietary simulation models using mathematical description and physical characteristics of devices,
- The scholarship holder calculates model parameters using provided technical specifications of considered models,
- The scholarship holder operates advances simulation tools, e.g. MATLAB and SIMULINK,
- The scholarship holder designs and implements various control algorithm of power electronics converter for various applications,
- The scholarship holder analyses and verifies simulation results and searches for errors and inconsistencies in the obtained results.

Social competences (is ready to...)⁴

Scholarship holder is willing to... / conscious... / able to... / oriented on... / open to... / responsible for... / takes care of... / acts in accordance with... / strives for...

- The scholarship holder takes care of the entrusted tasks,

¹ A learning outcome is what a learner knows, understands and is able to do as a result of learning and it is included in the categories of knowledge, skills and social competences.

² Knowledge – a set of descriptions of objects and facts, principles, theories and practices, assimilated in the learning process, related to the field of learning or professional activity.

³ Skills – the ability to carry out tasks and solve problems related to the relevant field of learning or professional activity.

⁴ Social competences – the ability to participate autonomously and responsibly in professional and social life and to shape one's own development, taking into account the ethical context of one's own behaviour.



European
Funds
Knowledge Education Development



Republic
of Poland



NAWA
POLISH NATIONAL AGENCY
FOR ACADEMIC EXCELLENCE

European Union
European Social Fund



- *The scholarship holder is oriented on solving problems creatively and effectively, on delivering solutions in time, on satisfying high work requirements standards*
- *The scholarship holder is able to work in a team and coordinate efforts within small working groups,*
- *The scholarship holder is able to think ahead of the limits and systematically examine and form new ideas and to encourage and assist others in this process and contribute to the expansion of those ideas*
- *The scholarship holder is willing to autonomously and systematically transform practical experiences into research problems*
- *The scholarship holder is able to communicate with work partners, to explain and present assumed actions and achieved results in a well-defined and effective way.*

07.07.19 14

WARSZAWA
1911

03.08.19 86

DEPARTURE
SVP1 AIRPORT, AHMEDABAD
07 JUL 2019
IMMIGRATION INDIA
D-012

ARRIVAL
SVP1 AIRPORT, AHMEDABAD
04 AUG 2019
IMMIGRATION INDIA
A-004

012816643

WIZA

PAŃSTWA SCHENGEN

WALŻNA NA
VALABLE POUR
VALID FOR

OD
DU
FROM

05-07-19

DO
AU
UNTIL

06-08-19

KODZAJ WIZY
TYPE DE VISA
TYPE OF VISA

C

LICZBA WJAZDÓW
NUMBER D'ENTRÉES
NUMBER OF ENTRIES

MULT

CZAS POBYTU
DURÉE DE SÉJOUR
DURATION OF STAY

33

WYDANA W
DELIVRE A
ISSUED IN

MUMBAJ

DATA
LE
ON

25-06-19

NUMER PASZPORTU
NUMERO DE PASSPORT
NUMBER OF PASSPORT

R4621476

NAZWISKO, IMIE
NOM, PRÉNOM
SURNAME, NAME

SIPAI, UVESH AMIHAJIBHAI

UWAGI
REMARKS

CEL WYDANIA: 16
VIS

POWR.03.03.00-00-PN13/18

VCPOLSIPAI<<UVESH<AMIHAJIBHAI<<<<<<<<
0128166437IND9402227M1908066<M330705

International Exchange Program

International Scholarship Exchange of Ph.D. Candidates and Academic Staff

Name of Participant :
UVESH AMIHAIJIBHAI SIPAI
(Marwadi University)

Duration:
July 6, 2019 to August 6, 2019

Scholarship/program:
PROM Programme - International Scholarship Exchange of PHD Candidates and Academic Staff, co-financed granted from the European Union, including the European Social Fund within the framework of the Knowledge Education Development Operational Programme, non-competitive project entitled: International Scholarship Exchange of PhD Candidates and Academic Staff, contract number POWR.03.03.00-00-PN13/18.

Hosting Institute/Organization:
Institute of Electrical Power Engineering, Lodz University of Technology, Poland

Announcement on Newsletter

<https://www.zu.p.lodz.pl/sites/default/files/wydaniepdf/ZU%20151.pdf>





Paulina Filipczak zachwyciła się krajobrazami Nowej Zelandii

z Argentyny, Chile, Salwadoru, Białorusi, Czech, Francji, Hiszpanii, Słowacji, Węgier i Iranu.

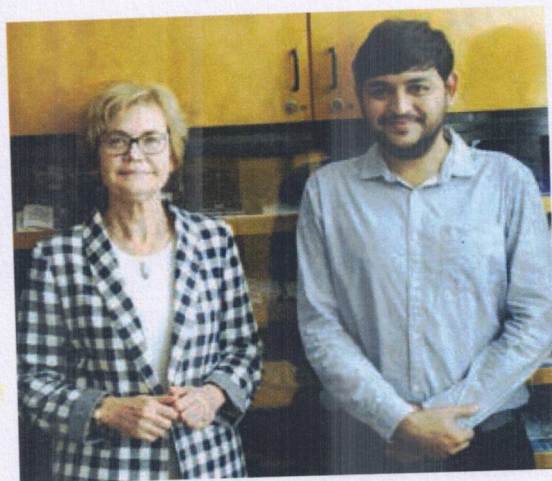
Był wśród nich Uvesh Sipai – doktorant Marwadi University (Indie), który zrealizował swoją wizytę badawczą w Instytucie Elektroenergetyki WEEIA. – Program PROM umożliwił mi dostęp do badań o światowej renomie. Podczas mojego miesięcznego pobytu miałem okazję zapoznać się z wysoką etyką pracy w PŁ oraz rozwinąłem kompetencje badawcze. Zachwyciła mnie także lokalna kultura Łodzi. Moja wizyta w Instytucie Elektroenergetyki zaowocowała licznymi dyskusjami na temat specyfiki i wyzwań związanych z funkcjonowaniem sieci energetycznych w Polsce i Indiach. Uzyskałam liczne wskazówki od zespołu Zakładu Sieci Elektroenergetycznych, m.in. prof. Ireny Wasiak i dr. Tomasza Siewierskiego w zakresie prowadzonych przeze mnie badań naukowych. Udało mi się również podnieść

Miguel Aldás Carrasco (pierwszy z prawej) i Harrison De La Rosa Ramírez (z lewej) współpracowali z prof. Piotrem Ulańskim



moje umiejętności językowe i międzykulturowe. Wizyta w PŁ z pewnością nada nowy wymiar i kierunek mojej dalszej pracy badawczej.

Równie pozytywne wrażenia w pobytu w PŁ mają Miguel Aldás Carrasco i Harrison De La Rosa Ramírez z Hiszpanii – doktoranci Universitat Politècnica de València, którzy uczestniczyli w szkoleniu zorganizowanym przez Międzyresortowy Instytut Techniki Radiacyjnej Wydziału Chemicznego.



Uvesh Sipai w towarzystwie prof. Ireny Wasiak, dyrektora Instytutu Elektroenergetyki

Jak podkreśla Miguel Aldás Carrasco – Przygotowany program szkolenia był doskonały. Jestem pod wrażeniem gościnności jaką okazali mi zarówno przedstawiciele administracji centralnej PŁ, jak i MITR. W trakcie pobytu w Łodzi miałem przyjemność pracować wspólnie z prof. Piotrem Ulańskim i jego zespołem, dzięki którym dużo się nauczyłem. Bardzo się cieszę, że mogłem wziąć udział w programie PROM i zachęcam innych doktorantów do tego samego. Z kolei Harrison De La Rosa Ramírez mówi – Udział w projekcie PROM i pobyt w MITR był dla mnie niezwykle motywującym i ekscytującym wydarzeniem. Doceniam rozwiązania jakie przyjęto w Politechnice Łódzkiej w zakresie oferty programowej skierowanej do doktorantów i organizacji naszego pobytu.

Projekt PROM jest realizowany w ramach Programu Operacyjnego Wiedza Edukacja Rozwój współfinansowanego ze środków Europejskiego Funduszu Społecznego. Środki na jego realizację zostały przyznane naszej uczelni przez Narodową Agencję Wymiany Akademickiej.

Projekt koordynuje Centrum Współpracy Międzynarodowej PŁ.

■ Małgorzata Jarczyńska
Centrum Współpracy Międzynarodowej