

**MEMORANDUM OF UNDERSTANDING (MoU)**

**BETWEEN**

**ST. JOSEPH'S COLLEGE FOR WOMEN (AUTONOMOUS),  
VISAKHAPATNAM, ANDHRA PRADESH, INDIA**

**&**

**SHAHEED RAJGURU COLLEGE OF APPLIED SCIENCES FOR  
WOMEN, NEW DELHI, INDIA**

**FOR**

**SKILL DEVELOPMENT, OUTCOME BASED  
TRAININGS, RESEARCH & DEVELOPMENT  
AND RELATED SERVICES**

## MEMORANDUM OF UNDERSTANDING

This **Memorandum of Understanding** (hereinafter called as the 'MoU') is entered into on this the 17th day of May, Two Thousand and Nineteen (17-5-2019), by and between

**St. Joseph's College for Women (Autonomous), Gnanapuram, Visakhapatnam, AP, India,** the First Party represented herein by its **Principal, Dr. Sr. Shyji** (hereinafter referred as '**First Party**'), the institution which expression, unless excluded by or repugnant to the subject or context shall include its successors – in-office, administrators and assigns).

### AND

**Shaheed Rajguru College of Applied Sciences for Women, New Delhi, India, the Second Party** and represented herein by its Principal, **Dr. Payal Mago** (hereinafter referred to as "**Second Party**", company which expression, unless excluded by or repugnant to the subject or context shall include its successors – in-office, administrators and assigns).

(First Party and Second Party are hereinafter jointly referred to as 'Parties' and individually as 'Party') as

### WHEREAS:

- A. First Party St. Joseph's College for Women, located at Gnanapuram, Waltair R. S. Vishakhapatnam-530004, Andhra Pradesh, India is an autonomous college.
- B. Second Party, Shaheed Rajguru College of Applied Sciences for Women, University of Delhi is located at Vasundhara Enclave, Delhi-110096.
- C. First Party & Second Party believe that collaboration and co-operation between themselves will promote more effective use of each of their resources, and provide each of them with enhanced opportunities.
- D. The Parties intent to cooperate and focus their efforts on cooperation within area of Skill Based Training, Education and Research.
- E. Both Parties, being legal entities in themselves desire to sign this MOU for advancing their mutual interests
- F. Shaheed Rajguru College of Applied Sciences for Women, New Delhi, India, the Second Party is engaged in Hands on training, Skill Development, Education and R&D Services in the fields of Biological Sciences, Chemical Sciences and Physical Sciences.

**NOW THEREFORE, IN CONSIDERATION OF THE MUTUAL PROMISES SET FORTH IN THIS MOU, THE PARTIES HERE TO AGREE AS FOLLOWS:**

## CLAUSE 1

### CO-OPERATION

- 1.1 Both Parties are united by common interests and objectives, and they shall establish channels of communication and co-operation that will promote and advance their respective operations within the Institution and its related wings. The Parties shall keep each other informed of potential opportunities and shall share all information that may be relevant to secure additional opportunities for one another.
- 1.2 First Party and Second Party co-operation will facilitate effective utilization of the intellectual capabilities of the faculty of both Parties providing significant inputs to each other in developing suitable teaching / training systems.
- 1.3 The general terms of co-operation shall be governed by this MoU. The Parties shall cooperate with each other and shall, as promptly as is reasonably practical, enter into all relevant agreements, deeds and documents (the 'Definitive Documents') as may be required to give effect to the actions contemplated in terms of this MoU. The term of Definitive Documents shall be mutually decided between the Parties. Along with the Definitive Documents, this MoU shall represent the entire understanding as to the subject matter hereof and shall supersede any prior understanding between the Parties on the subject matter hereof.

## CLAUSE 2

### SCOPE OF THE MoU

- 2.1 The budding graduates from the institutions could play a key role in technological up-gradation, innovation and competitiveness of an institution. Both parties believe that close co-operation between the two would be of major benefit to the student community to enhance their skills and knowledge. Programme of engagement could include one or more of the following depending on specific need and feasibility:
- 2.2 **Educational Training & Visits:** Institutional interactions will give an insight in to the latest developments in the technological fields. Both the parties to permit the Faculty and Students of the each others institution to visit their campuses and also involve in training Programs. The training and exposure provided to students and faculty through this association will build confidence and prepare the students to have a smooth transition from academic to working career. Both the Parties will provide its Labs / Workshops / Industrial Sites for the hands-on training of the learners enrolled.
- 2.3 **Research and Development:** Both the parties have agreed to carry out the joint

research activities in ~~field~~ of Chemical, Biological and Physical sciences

- 2.4 **Skill Development Programs:** Both the parties to train the students on the emerging technologies in order to bridge the skill gap and make them self-reliant.
- 2.5 **College Teacher Forums:** Both parties to discuss broad issues on latest developments in science, career opportunities, innovative methods in teaching/research, science & technology policy issues and other related areas.
- 2.6 Both Parties to obtain all internal approvals, consents, permissions, and licenses of whatsoever nature required for offering the Programmes on the terms specified herein

**THERE IS NO FINANCIAL COMMITMENT ON THE PART OF BOTH THE PARTIES. IF THERE IS ANY FINANCIAL CONSIDERATION, IT WILL BE DEALT SEPARATELY.**

### **CLAUSE 3**

#### **INTELLECTUAL PROPERTY**

- 3.1 Nothing contained in this MOU shall, by express grant, implication, Estoppel or otherwise, create in either Party any right, title, interest, or license in or to the intellectual property (including but not limited to know-how, inventions, patents, copy rights and designs) of the other Party.

### **CLAUSE 4**

#### **VALIDITY**

- 4.1 This Agreement will be valid for three years or until it is expressly terminated by either Party on mutually agreed terms, during which period **both the parties**, as the case may be, will take effective steps for implementation of this MoU. Any act on the part of **both the parties** after termination of this Agreement by way of communication, correspondence etc., shall not be construed as an extension of this MoU.
- 4.2 Both Parties may terminate this MoU upon 30 calendar days' notice in writing. In the event of Termination, both parties have to discharge their obligations

### **CLAUSE 5**

#### **RELATIONSHIP BETWEEN THE PARTIES**

- 5.1 It is expressly agreed that **First Party** and **Second Party** are acting under this MoU as independent contractors, and the relationship established under this MOU shall not be construed as a partnership. Neither Party is authorized to use the other Party's name in



any way, to make any representations or create any obligation or liability, expressed or implied, on behalf of the other Party, without the prior written consent of the other Party. Neither Party shall have, nor represent itself as having, any authority under the terms of this MOU to make agreements of any kind in the name of or binding upon the other Party, to pledge the other Party's credit, or to extend credit on behalf of the other Party.

**This MoU is valid for three years from the date of signing. It can be extended further through mutual agreement.**

**AGREED:**

<p>Signed.....<i>S. S. S. S.</i> For and On behalf of St. Joseph's College for Women (Autonomous) <b>PRINCIPAL</b> Seal <b>St. Joseph's College for Women (Autonomous)</b></p>	<p>Signed.....<i>[Signature]</i> For and On behalf of Shaheed Rajguru College of Applied Sciences for Women Seal <b>SHAHEED RAJGURU COLLEGE OF APPLIED SCIENCES FOR WOMEN</b> (दिल्ली विश्वविद्यालय, नई दिल्ली - 110004) Vasundhara Enclave, New Delhi - 110004</p>
<p>Witnesses 1. <i>[Signature]</i> St. Joseph's College for Women (Autonomous) VISAKHAPATNAM - 530 004</p>	<p>Witnesses 1. <i>[Signature]</i> 17/5/2019</p>
<p>2. <i>Lakshmi Prabha</i> St. Joseph's College for Women (Autonomous) VISAKHAPATNAM - 530 004</p>	<p>2. <i>Shumati Bansal</i> 17/5/2019</p>



**Key Action 1**  
**– Mobility for learners and staff –**  
**Higher Education Student and Staff Mobility**

**Inter-institutional<sup>1</sup> agreement 2017-20[19]<sup>2</sup>**  
**between institutions from**  
**Programme and Partner Countries<sup>3</sup>**

**[Minimum requirements]<sup>4</sup>**

The institutions named below agree to cooperate for the exchange of students and/or staff in the context of the Erasmus+ programme. They commit to respect the quality requirements of the Erasmus Charter for Higher Education in all aspects of the organisation and management of the mobility, in particular the recognition of the credits (or equivalent) awarded to students by the partner institution. The institutions also commit to sound and transparent management of funds allocated to them through Erasmus+.

**A. Information about higher education institutions**

Full name of the institution / country	Erasmus code or city <sup>5</sup>	Contact details <sup>6</sup> (email, phone)	Website (eg. of the course catalogue)
Silesian University in Opava – Faculty of Philosophy and Science in Opava	CZ OPAVA01	Erasmus Institutional Coordinator Ing. Petra Daniskova Tel: +420 553 684 652 Email: <a href="mailto:erasmus@slu.cz">erasmus@slu.cz</a> Erasmus Faculty Coordinator Mgr. Katerina Scheeova	<a href="http://www.slu.cz/fpf/en">http://www.slu.cz/fpf/en</a>

<sup>1</sup> Inter-institutional agreements can be signed by two or more higher education Institutions (HEIs), at least one of them must be located in a Programme Country of Erasmus+.

<sup>2</sup> Higher Education Institutions have to agree on the period of validity of this agreement

<sup>3</sup> Erasmus+ Programme Countries are the 28 EU countries, the EFTA countries and other European countries as defined in the Call for proposals. Eligible Partner Countries are listed in the Programme Guide.

<sup>4</sup> Clauses may be added to this template agreement to better reflect the nature of the institutional partnership.

<sup>5</sup> Higher Education Institutions (HEI) from Erasmus+ Programme Countries should indicate their Erasmus code while Partner Country HEIs should mention the city where they are located.

<sup>6</sup> Contact details to reach the senior officer in charge of this agreement.

		Tel: +420 553 684 255 Email: <a href="mailto:katerina.scheeova@fpf.slu.cz">katerina.scheeova@fpf.slu.cz</a> Erasmus Departmental Coordinator Mgr. Anna Janíková, Ph.D. Tel: +420 553 684 374 Email: <a href="mailto:anna.janikova@fpf.slu.cz">anna.janikova@fpf.slu.cz</a>	
University of Delhi  Shaheed Rajguru College of Applied Science for Women	DELHI	Principal of Shaheed Rajguru College of Applied Sciences for Women Dr. Payal Mago Email: <a href="mailto:principal@raiguru.du.ac.in">principal@raiguru.du.ac.in</a> Tel: +918800672660  Project coordinator Dr. Projes Roy Email: <a href="mailto:projesroy@hotmail.com">projesroy@hotmail.com</a> Tel: 9899105233	<a href="http://www.du.ac.in/du/index.php?page=shaheed-raiguru-college-of-applied-sciences-for-women">http://www.du.ac.in/du/index.php?page=shaheed-raiguru-college-of-applied-sciences-for-women</a>  <a href="http://www.du.ac.in/du/index.php?page=syllabi">http://www.du.ac.in/du/index.php?page=syllabi</a>

#### B. Mobility numbers<sup>7</sup> per academic year<sup>8</sup>

This agreement is signed for 2 academic years, that is 2017/2018 and 2018/2019. [Paragraph to be added, if the agreement is signed for more than one academic year:

The partners commit to amend the table below in case of changes in the mobility data by no later than the end of January in the preceding academic year.]

FROM [Erasmus code or city of the sending institution]	TO [Erasmus code or city of the receiving institution]	Subject area code * [ISCED]	Subject area name *	Study cycle [short cycle, 1 <sup>st</sup> , 2 <sup>nd</sup> or 3 <sup>rd</sup> ] *	Number of student mobility periods	
					Student Mobility for Studies [total number of months of the study periods or average duration*]	Student Mobility for Traineeships * [Not relevant for calls 2015-2017]
CZ OPAVA01	DELHI	0610	Information and Communication technologies	0	0	0
		0610	Information and Communication technologies	0	0	0

<sup>7</sup> Mobility numbers can be given per sending/receiving institutions and per education field (optional\*:

<http://www.uis.unesco.org/Education/Pages/international-standard-classification-of-education.aspx>)

DELHI	CZ OPAVA01	0610	Information and Communication technologies	0	0	0
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[\*Optional: subject area code & name and study cycle are optional.]

FROM [Erasmus code of the sending institution]	TO [Erasmus code of the receiving institution]	Subject area code * [ISCED]	Subject area name *	Number of staff mobility periods [total number of days of teaching periods or average duration *]	
CZ OPAVA01	DELHI	0610	Information and Communication technologies	2 mobilities	
		0610	Information and Communication technologies	24 days	
DELHI	CZ OPAVA01	0610	Information and Communication technologies	2 mobilities	
		0610	Information and Communication technologies	24 days	

### C. Recommended language skills

The sending institution, following agreement with the receiving institution, is responsible for providing support to its nominated candidates so that they can have the recommended language skills at the start of the study or teaching period:

Receiving institution [Erasmus code or city]	Optional: Subject area	Language of instruction 1	Language of instruction 2	Recommended language of instruction level <sup>8</sup>	
				Student Mobility for Studies [Minimum recommended level: B1]	Staff Mobility for Teaching [Minimum recommended level: B1]

<sup>8</sup> For an easier and consistent understanding of language requirements, use of the Common European Framework of Reference for Languages (CEFR) is recommended, see <http://europass.cedefop.europa.eu/en/resources/european-language-levels-cefr>



B2					
CZ OPAVA01	Information and Communication technologies	ENGLISH	ENGLISH	B2 ENGLISH	B2 ENGLISH
DELHI	Information and Communication technologies	ENGLISH	ENGLISH	B2 ENGLISH	B2 ENGLISH

For more details on the language of instruction recommendations, see the course catalogue of each institution *[Links provided on the first page]*.

#### D. Respect of fundamental principles and other mobility requirements

The higher education institution(s) located in a **Programme Country** of Erasmus+ must respect the Erasmus Charter for Higher Education of which it must be a holder. The charter can be found here: [https://eacea.ec.europa.eu/erasmus-plus/actions/erasmus-charter\\_en](https://eacea.ec.europa.eu/erasmus-plus/actions/erasmus-charter_en)

The higher education institution(s) located in a **Partner Country** of Erasmus+ must respect the following set of principles and requirements:

The higher education institution agrees to:

- Respect in full the principles of non-discrimination and to promote and ensure equal access and opportunities to mobile participants from all backgrounds, in particular disadvantaged or vulnerable groups.
- Apply a selection process that is fair, transparent and documented, ensuring equal opportunities to participants eligible for mobility.
- Ensure recognition for satisfactorily completed activities of study mobility and, where possible, traineeships of its mobile students.
- Charge no fees, in the case of credit mobility, to incoming students for tuition, registration, examinations or access to laboratory and library facilities. Nevertheless, they may be charged small fees on the same basis as local students for costs such as insurance, student unions and the use of miscellaneous material.

The higher education institution located in a **Partner Country** of Erasmus+ further undertakes to:

##### Before mobility

- Provide information on courses (content, level, scope, language) well in advance of the mobility periods, so as to be transparent to all parties and allow mobile students to make well-informed choices about the courses they will follow.
- Ensure that outbound mobile participants are well prepared for the mobility, including having attained the necessary level of linguistic proficiency.
- Ensure that student and staff mobility for education or training purposes is based on a learning agreement for students and a mobility agreement for staff validated in advance between the sending and receiving institutions or enterprises and the mobile participants.

- Provide assistance related to obtaining visas, when required, for incoming and outbound mobile participants. Costs for visas can be covered with the mobility grants. See the information / visa section for contact details.
- Provide assistance related to obtaining insurance, when required, for incoming and outbound mobile participants. The institution from the Partner Country should inform mobile participants of cases in which insurance cover is not automatically provided. Costs for insurance can be covered with the organisational support grants. See the information / insurance section for contact details.
- Provide guidance to incoming mobile participants in finding accommodation. See the information / housing section for contact details.

#### **During and after mobility**

- Ensure equal academic treatment and services for home students and staff and incoming mobile participants and integrate incoming mobile participants into the institution's everyday life, and have in place appropriate mentoring and support arrangements for mobile participants as well as appropriate linguistic support to incoming mobile participants.
- Accept all activities indicated in the learning agreement as counting towards the degree, provided these have been satisfactorily completed by the mobile student.
- Provide, free-of-charge, incoming mobile students and their sending institutions with transcripts in English or in the language of the sending institution containing a full, accurate and timely record of their achievements at the end of their mobility period.
- Support the reintegration of mobile participants and give them the opportunity, upon return, to build on their experiences for the benefit of the Institution and their peers.
- Ensure that staff are given recognition for their teaching and training activities undertaken during the mobility period, based on a mobility agreement.

#### **E. Additional requirements**

*[To be completed if necessary. Other requirements may be added on academic or organisational aspects, e.g. the selection criteria for students and staff; any split of organisational support funds among the partners; measures for preparing, receiving and integrating mobile students and/or staff including cultural preparation before mobility; the recognition tools used]*

*[Please specify whether the institutions have the infrastructure to welcome students and staff with disabilities.]*

Students will be chosen based on required level of English and based on their study results. It is necessary that they would be scored 65% and better in their grades. Otherwise they will have problems completing the subjects in Opava as the lowest grade for passing the tests is usually 65%.

## F. Calendar

1. Applications/information on nominated students must reach the receiving institution by:

Receiving institution [Erasmus code or city]	Term*	Term*
CZ OPAVA01	June, 22nd	October, 22nd
DELHI	August, 1st	December, 1st

[\* to be adapted in case of a trimester system]

2. The receiving institution will send its decision within [x] weeks.
3. A Transcript of Records will be issued by the receiving institution no later than [xx] weeks after the assessment period has finished at the receiving HEI. *[It should normally not exceed five weeks according to the Erasmus Charter for Higher Education guidelines]*
4. Termination of the agreement

*[It is up to the involved institutions to agree on the procedure for modifying or terminating the inter-institutional agreement. However, in the event of unilateral termination, a notice of at least one academic year should be given. This means that a unilateral decision to discontinue the exchanges notified to the other party by 1 September 20XX will only take effect as of 1 September 20XX+1. The termination clauses must include the following disclaimer: "Neither the European Commission nor the National Agencies can be held responsible in case of a conflict."]*

## G. Information

### 1. Grading systems of the institutions

*[It is recommended that receiving institutions provide the statistical distribution of grades according to the descriptions in the ECTS users' guide<sup>9</sup>. A link to a webpage can be enough. The table will facilitate the interpretation of each grade awarded to students and will facilitate the credit transfer by the sending institution.]*

There is no student mobility between Universities in Opava and in Delhi; therefore there is no need for such a table.

ECTS Silesian University in Opava:

<http://www.slu.cz/fpf/en/students/local-grading-scale-ects>

<sup>9</sup> [http://ec.europa.eu/education/tools/docs/ects-guide\\_en.pdf](http://ec.europa.eu/education/tools/docs/ects-guide_en.pdf)



## 2. Visa

The sending and receiving institutions will provide assistance, when required, in securing visas for incoming and outbound mobile participants, according to the requirements of the Erasmus Charter for Higher Education.

Information and assistance can be provided by the following contact points and information sources:

Institution [Erasmus code or city]	Contact details (email, phone)	Website for information
CZ OPAVA01	katerina.scheeova@fpf.slu.cz Tel.: +420 553 684 255	<a href="http://www.slu.cz/fpf/en/students/applications-and-deadlines">http://www.slu.cz/fpf/en/students/applications-and-deadlines</a>
DELHI	principal@raiguru.du.ac.in Tel: +918800672660	<a href="http://fsr.du.ac.in/pdf/FAQ_FSR_final_17_3.pdf">http://fsr.du.ac.in/pdf/FAQ_FSR_final_17_3.pdf</a>

## 3. Insurance

The sending and receiving institutions will provide assistance in obtaining insurance for incoming and outbound mobile participants, according to the requirements of the Erasmus Charter for Higher Education.

The receiving institution will inform mobile participants of cases in which insurance cover is not automatically provided. Information and assistance can be provided by the following contact points and information sources:

Institution [Erasmus code or city]	Contact details (email, phone)	Website for information
CZ OPAVA01	katerina.scheeova@fpf.slu.cz Tel.: +420 553 684 255	<a href="http://www.slu.cz/fpf/en/students/health-care-and-insurance">http://www.slu.cz/fpf/en/students/health-care-and-insurance</a>
DELHI	projesroy@hotmail.com Tel: 9899105233	<a href="http://fsr.du.ac.in/pdf/FAQ_FSR_final_17_3.pdf">http://fsr.du.ac.in/pdf/FAQ_FSR_final_17_3.pdf</a>

## 4. Housing




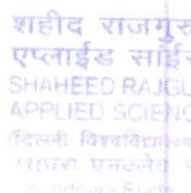
The receiving institution will guide incoming mobile participants in finding accommodation, according to the requirements of the Erasmus Charter for Higher Education.

Information and assistance can be provided by the following persons and information sources:

Institution [Erasmus code or city]	Contact details (email, phone)	Website for information
CZ OPAVA01	katerina.scheeova@fpf.slu.cz Tel.: +420 553 684 255	<a href="http://www.slu.cz/fpf/en/students/accommodation">http://www.slu.cz/fpf/en/students/accommodation</a>
DELHI	projesroy@hotmail.com Tel: 9899105233	<a href="http://fsr.du.ac.in/pdf/FAQ_FSR_final_17_3.pdf">http://fsr.du.ac.in/pdf/FAQ_FSR_final_17_3.pdf</a>



## H. SIGNATURES OF THE INSTITUTIONS (legal representatives)

Institution [Erasmus code or name and city]	Name, function	Date	Signature <sup>10</sup>
CZ OPAVA01	Prof. RNDr. Zdeněk Stuchlík, CSc.,  Dean of the Faculty of Philosophy and Science in Opava/Silesian University in Opava	24.4.2018	 
DELHI	Ms. Richa Pandey Mishra Chairperson of the Governing Body, Shaheed Rjaguru College of Applied Sciences for Women (University of Delhi) Vasundhara Enclave, Delhi- 110096		 

<sup>10</sup> Scanned copies of signatures or digital signatures may be accepted depending on the national legislation



**SILESIA  
UNIVERSITY**

**FACULTY OF PHILOSOPHY  
AND SCIENCE IN OPAVA**

Opava 23. March 2018

To whom it may concern,

we would like to invite our dear colleague Dr. Payal Mago, Principal of Shaheed Rajguru College of Applied Sciences for Women, (IGNOU PSC-0771P), University of Delhi, Vasundhara Enclave, Delhi-110096, to our Institute of Information Science of Faculty of Philosophy and Science in Opava of Silesian University in Opava. Her arrival here is a part of Erasmus+ project no. 2017-1-CZ01-KA107-034877 (Key Activity 1) we are participating on together. She should spend here one week (at the end of April or beginning of May) and should give several talks in lessons. This way she will bring her knowledge to our students and strengthen our good relationships with Shaheed Rajguru College of Applied Sciences for Women. We are looking forward to welcome her in here.

With best regards

doc. Luděk Cienciala, CSc.

Head of Institute of Computer Science



**SILESIA  
UNIVERSITY**

FACULTY OF PHILOSOPHY  
AND SCIENCE IN OPAVA

Opava 23. March 2018

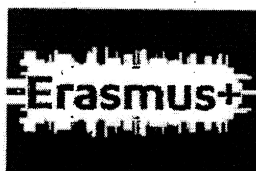
To whom it may concern,

we would like to invite our dear colleague Dr. Projes Roy from Shaheed Rajguru College of Applied Sciences for Women, (IGNOU PSC-0771P), University of Delhi, Vasundhara Enclave, Delhi-110096, to our Institute of Information Science of Faculty of Philosophy and Science in Opava of Silesian University in Opava. His arrival here is a part of Erasmus+ project no. 2017-1-CZ01-KA107-034877 (Key Activity 1) we are participating on together. He should spent here one week (at the end of April or beginning of May) and should give several talks in lessons. This way he will bring his knowledge to our students and strengthen our good relationships with Shaheed Rajguru College of Applied Sciences for Women. The last time he was here (in October 2014), he also gave several lectures and his presence here was very well received and we are looking forward to welcome him in here once more.

With best regards

doc. Luděk Cienciala, CSc.

Head of Institute of Computer Science



Confirmation of Erasmus+ : STA - Erasmus Teaching Assignment  
2018/2019

TEACHER / STAFF MEMBER

Name:	Mgr. Anna Novotná, Ph.D.
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SENDING INSTITUTION

Country:	The Czech Republic
Name of sending institution:	Silesian University in Opava
Faculty/Department:	Faculty of Philosophy and Science, Institute of Computer Science

RECEIVING INSTITUTION

Country:	India
Name of receiving institution:	Shaheed Rajguru College Of Applied Sciences For Women (University Of Delhi)
Faculty/Department:	

This is to certify that the teacher/staff member undertook the teaching assignment/staff training under the Erasmus Plus programme at our institution

from 19.11.2018

to 30.11.2018

of the academic year 2018/2019

The total number of teaching/training hours delivered at our institution was 16

Date: 30.11.2018

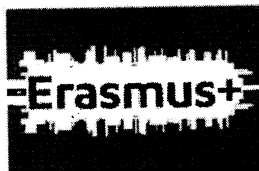
Signed: \_\_\_\_\_

(Erasmus coordinator)

Stamp

प्राचार्य/Principal

शहीद राजगुरु कॉलेज ऑफ  
एप्लाइड साइंसेस फॉर वुमन  
SHAHEED RAJGURU COLLEGE  
APPLIED SCIENCES FOR WOMEN  
(दिल्ली विश्वविद्यालय/University of Delhi)  
वसुंधरा एनक्लेव, नई दिल्ली-110096  
Vasundhara Enclave New Delhi-110096



Confirmation of Erasmus+ : STA - Erasmus Teaching Assignment  
2018/2019

TEACHER / STAFF MEMBER

Name:	Mgr. Kamil Matula
-------	-------------------

SENDING INSTITUTION

Country:	The Czech Republic
Name of sending institution:	Silesian University in Opava
Faculty/Department:	Faculty of Philosophy and Science, Institute of Computer Science

RECEIVING INSTITUTION

Country:	India
Name of receiving institution:	Shaheed Rajguru College Of Applied Sciences For Women (University Of Delhi)
Faculty/Department:	

This is to certify that the teacher/staff member undertook the teaching assignment/staff training under the Erasmus Plus programme at our institution

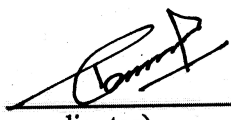
from 19.11.2018

to 30.11.2018

of the academic year 2018/2019

The total number of teaching/training hours delivered at our institution was 16

Date: 30-11-2018

Signed:   
(Erasmus coordinator)

Stamp Principal

शाहीद राजगुरु कॉलेज ऑफ  
एप्लाइड साइंसेस फॉर वुमेन  
SHAHEED RAJGURU COLLEGE OF  
APPLIED SCIENCES FOR WOMEN  
(दिल्ली विश्वविद्यालय/University of Delhi)  
वसुंधरा एनक्लेव, नई दिल्ली-110096  
'asundhara Enclave New Delhi-110096

**Erasmus+****Higher Education Mobility  
Agreement form****STAFF MOBILITY FOR TEACHING  
MOBILITY AGREEMENT****The Teacher**

First name(s) and Last name(s)		Jiří Martinů	
Seniority	4	Nationality	The Czech Republic
Sex [M/F]	M (muž=male)	Academic year	2018/2019
E-mail	jiri.martinu@fpf.slu.cz		

**The Sending Institution/Enterprise**

Name	Silesian University in Opava	Size of enterprise	large
Erasmus code (if applicable)	CZ OPAVA01	Department/unit	Institute of Computer Science
Address	Bezručovo nám. 13, 746 01 Opava, Czech Republic	Country code	CZ
Contact person (Erasmus faculty co-ordinator): name, position, e-mail, phone, address	Mgr. Kateřina Scheeová, katerina.scheeova@fpf.slu.cz, +420 553 684 255, Faculty of Philosophy and Science, Bezručovo nám. 13, 746 01 Opava, CZ, www.fpf.slu.cz		
Type of enterprise: NACE code (if applicable)	85.42 Tertiary Education		

**The Receiving Institution**

Name and Erasmus code (if applicable)	Shaheed Rajguru College Of Applied Sciences For Women (University Of Delhi)		
		Department/unit	Shaheed Rajguru College Of Applied Sciences For Women (University Of Delhi)
Address	Vasundhara Enclave Delhi 110096, India	Country / Country code	India
Contact person: name and position	Dr. Payal Mago, principal	Contact person : e-mail / phone	principal@rajguru.du.ac.in +918800672660

For guidelines, please look at the end notes on page 3.





**SILESIA  
UNIVERSITY**

**FACULTY OF PHILOSOPHY  
AND SCIENCE IN OPAVA**

Opava 1. April 2019

To whom it may concern,

we would like to invite Mrs. Preeti Singhal, Associate Professor of Shaheed Rajguru College of Applied Sciences for Women, Delhi, Vasundhara Enclave, New Delhi, Delhi 110096, India, to Institute of Computer Science of Faculty of Philosophy and Science in Opava of Silesian University in Opava. Her arrival here is a part of Erasmus+ project no. 2017-1-CZ01-KA107-034877 (Key Activity 1) that we and Shaheed Rajguru College of Applied Sciences for Women are participating on together. Our colleague should spend in here several days (5.5.2019—13.5.2019) and should give several talks to our students. This way she will bring her knowledge to our students and strengthen our good relationships. We are looking forward to welcome her in Opava.

With best regards

doc. Luděk Cienciala, CSc.  
Head of Institute of Computer Science



**SILESIA  
UNIVERSITY**

**FACULTY OF PHILOSOPHY  
AND SCIENCE IN OPAVA**

Opava 1. April 2019

To whom it may concern,

we would like to invite Mrs. Venika Gupta, Associate Professor of Shaheed Rajguru College of Applied Sciences for Women, Delhi, Vasundhara Enclave, New Delhi, Delhi 110096, India, to Institute of Computer Science of Faculty of Philosophy and Science in Opava of Silesian University in Opava. Her arrival here is a part of Erasmus+ project no. 2017-1-CZ01-KA107-034877 (Key Activity 1) that we and Shaheed Rajguru College of Applied Sciences for Women are participating on together. Our colleague should spend in here several days (5.5.2019—13.5.2019) and should give several talks to our students. This way she will bring her knowledge to our students and strengthen our good relationships. We are looking forward to welcome her in Opava.

With best regards

doc. Luděk Cienciala, CSc.  
Head of Institute of Computer Science



Bond



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(Rs. Zero Only)

### Deponent

Name : Thsti Department Biotechnology

H.No/Floor : Na

Sector/Ward : Na

Landmark : Na

City/Village : Faridabad

District : Faridabad

State : Haryana

Phone : 9560540582



Purpose : General Agreement to be submitted at Na

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### MEMORANDUM OF UNDERSTANDING FOR IMPLEMENTING THE SCIENCE SETU PROGRAMME IN COLLEGES

This Memorandum of Understanding (MoU) between The TRANSLATIONAL HEALTH SCIENCE AND TECHNOLOGY INSTITUTE (THSTI), and SHAHEED RAJGURU COLLEGE OF APPLIED SCIENCES FOR WOMEN, hereinafter called parties of the first part and second part respectively.

2. WHEREAS THSTI located at NCR-Biotech Science Cluster, 3<sup>rd</sup> milestone, Faridabad-Gurgaon Expressway, Po box no. 04, Faridabad-121001 is an autonomous institute of the Department of Biotechnology (DBT), Ministry of Science & Technology, Government of India, registered under the Society Registration Act, 1860;

3. WHEREAS Shaheed Rajguru College of Applied Sciences for Women is located at University of Delhi, Vasundhara Enclave, Delhi-110096

4. WHEREAS, The *Science Setu* Programme approved by the Governing Body of the THSTI aims to contribute to the national goal of encouraging more and more bright young minds to take up the pursuit of science and technology as a career option,

5. WHEREAS, both parties of the first- and second part wish to come together in synergistic partnership to implement the above-said *Science Setu* Programme, this Memorandum of Understanding is being executed to clarify the intent and purpose and mode of implementation of the programme.

6. Now, the parties of this MoU mutually declare and agree to the following:

6.1 Name

The name of the programme will be **THSTI-Shaheed Rajguru College of Applied Sciences for Women Science Setu Programme**

6.2 Goal

To contribute to the national goal of encouraging more and more bright young minds to take up the pursuit of science and technology as a career option

6.3 Objectives

- a) To address the changing needs of teaching, learning and research in biological sciences
- b) To link the Translational Health Science and Technology Institute (THSTI) in the spirit of "success through access" to undergraduate teaching in biological sciences
- c) To engage a talent pool of potential biology students in the delivery of innovation, research and continuous development
- d) To act, through all the above, as a catalyst of change

6.4 Mode of Implementation

- a) THSTI and Shaheed Rajguru College of Applied Sciences for Women commit themselves to interact through mutual consultation and formal partnership towards meeting the goal and objectives of the programme.
- b) Engagement with the Shaheed Rajguru College of Applied Sciences for Women by THSTI would be on-site, and/or through *e-learning* approaches depending on feasibility.
- c) This commitment shall be treated as a national service intrinsic to the mandate of THSTI, and Shaheed Rajguru College of Applied Sciences for Women and shall neither involve remuneration/honoraria in any form, nor be treated as a cause for modification of any current institutional goals.
- d) Adequate flexibility would be built in to ensure that the programme adds value to undergraduate education.
- e) The level of engagement and the best time to commence the same will be decided through mutual consultation.
- f) Programme of engagement could include one or more of the following depending on specific need and feasibility:
  - (i) Lectures/discussion
  - (ii) Laboratory exercises
  - (iii) Mentorship to student science projects
  - (iv) Mentorship to teacher science projects
  - (v) 'College Teacher Forums' to discuss broad issues on latest developments in science, career opportunities, innovative methodologies in teaching/research, science & technology policy issues, and other related areas.
  - (vi) Summer student/teacher internships
  - (vii) Any other as mutually agreed

6.5 Role and Responsibilities of THSTI

- a) THSTI commits to designate a mutually agreed number of its scientists/faculty members toward this programme for at least 12 hours of engagements per year.
- b) This may be distributed flexibly by the designated faculty /scientist within each centre of THSTI.
- c) THSTI will take care of the logistics of conveyance of the faculty /scientist (s) to and from the College, whenever the interaction is on site or outside THSTI.
- d) Depending on feasibility, THSTI would make appropriate arrangements in consultation with Shaheed Rajguru College of Applied Sciences for Women for e-learning at its end.
- e) Depending on feasibility, THSTI will also facilitate interaction on its premises.

6.6 Role and Responsibilities of Shaheed Rajguru College of Applied Sciences for Women

- a) Shaheed Rajguru College of Applied Sciences for Women commits to receive and appropriately facilitate the interaction between the designated THSTI faculty / scientist (s), and its teachers/students so as to fulfil the goal and objectives of the programme.
- b) It will designate a nodal person to interact with the THSTI faculty /scientist (s).
- c) It will take care of the logistics of conveyance of its teachers/students whenever the interaction is outside its premises
- d) Depending on feasibility, Shaheed Rajguru College of Applied Sciences for Women would make appropriate arrangements in consultation with THSTI for e-learning at its end.

6.7 Budget for the Programme

The programme will be accommodated within the annual budget of each party.

6.8 Programme Review

The Governing Body of THSTI shall review the programme for implementation at the end of one year for implementation and three years for performance.

6.9 Termination

Either party to this MoU has the right to terminate the MoU upon serving a written notice of 30 days to the other party should the other party commit a breach of any of the provisions of this MoU.

6.10 Interpretation and Dispute Resolution

- a) If any dispute arises between the parties hereto arising out of or in connection with the interpretation or implementation or alleged breach of any provision of this MoU, the parties hereto shall endeavour to settle such breach amicably.



The Principal,

Shaheed Rajguru College of Applied Sciences for Women,

University of Delhi,

Vasundhara Enclave,

Delhi- 110096

Respected Madam,

The College has been sanctioned an Innovation Project 310—Assessment and correlation of **air quality index of East Delhi region with vital respiratory parameters of college students** by the University.

Under this project, the Investigators have selected the students of **Chandigarh University, Gharuan, Mohali (Punjab)** as the control group. The objective of this selection is that the control group shall comprise of students residing in comparatively clean atmosphere of rural Punjab. For the smooth implementation and data collection for the project we propose to sign MoU with the said University.

You are requested to sign the attached MoU which shall help in implementation of the sanctioned project.

Thanks and regards,

Jasjeet Kaur

(Dr. Jasjeet Kaur)

Project Investigator

27.1. 2016

Forwarded to Principal, Madam,  
Convenor RC  
27/1/2016

Please inform desk  
innovation NOD  
the regarding  
also  
Convent  
27/1/16.



**MEMORANDUM OF UNDERSTANDING (MoU)**  
**BETWEEN**  
**SHAHEED RAJGURU COLLEGE OF APPLIED SCIENCES FOR WOMEN**  
**(UNIVERSITY OF DELHI)**  
**AND**  
**CHANDIGARH UNIVERSITY, GHARUAN, MOHALI (PUNJAB)**  
**For**  
**Joint project for the college students**

This **Memorandum of Understanding (MoU)** is made *on 2 Feb, 2016* .....

BY AND BETWEEN

**Shaheed Rajguru College of Applied Sciences for Women (University of Delhi)** which expression shall unless repugnant to the context there of shall remain and include its successors, legal representatives and permitted assigns, on the **FIRST PARTY.**

AND

**Chandigarh University, Gharuan, Mohali (Punjab)** represented by the Registrar, Chandigarh University, Gharuan, Mohali, which expression shall unless repugnant to the context or meaning thereof, include its successor in office and permitted assigns on the **SECOND PARTY.**

WHEREAS the Shaheed Rajguru College of Applied Sciences for Women (Delhi University) was sanctioned an Innovation Project –**Assessment and correlation of air quality index of East Delhi region with vital respiratory parameters of college students** by the University; and for mutual and technical cooperation.

Now this Memorandum of Understanding witnesses that:

### **1. Purpose :**

1. The First party has been sanctioned an Innovation Project, which involves elucidating the effect of air pollutants on lung functioning of students residing in East Delhi.
2. The volunteers comprising the control group shall be the students of Second Party.
3. The implementation of the innovation project shall be jointly carried out by both the parties.

### **2. Objective of the MOU:**

The objective of the MOU is that the control group shall comprise of students residing in comparatively clean atmosphere of rural Punjab.

### **3. Implementation of MOU**

1. Three faculty members of First party have opted as Investigators of the Innovation Project. One Investigator shall be earmarked by Second party from amongst its faculty.
2. The First party shall purchase two spirometers and two fine particulate samplers along with NO<sub>x</sub> and SO<sub>2</sub> samplers. One set of the equipment shall be given to the Investigator nominated by the Second party. This set shall be returned to First party on completion of the project.
3. The assessment of air pollutants, as well as the lung function tests of the reference group shall be carried out on the student volunteers of First party under the supervision of the Investigators nominated by the University of Delhi. The analogous parameters of the control group shall be carried out by student volunteers of Second party under the supervision of the Investigator nominated by that University.



4. The training for using the equipment shall be provided to the Investigator of Second party by the Investigators of the First party, as well as by engineers of Envirotech Instruments Pvt. Ltd. and Medicaid Systems.
5. That both the parties agree to share the results of their respective analysis for successful implementation of the Innovation Project.
6. The First party, while submitting the final report of the Innovation Project to the University of Delhi shall acknowledge the contribution of the Second party. One set of the report shall be given to Second party for record.

#### **4. Confidentiality**

Each Party undertakes to observe the confidentiality and secrecy of documents, information and other data received from, or supplied to the other Party during the period of the implementation of the MoU or any other agreements made pursuant to this MoU.

#### **5. Duration**

This MOU, unless extended by mutual written consent of the parties, shall expire on 30.9.2016 after the effective date specified in the opening paragraph.

#### **6. Coordinators**

Both the parties will designate persons who will have responsibility for co-ordination and implementation of this agreement.

#### **7. Changes/Amendment**

No changes/amendment can be made to this MoU without written consent and duly signed by all the parties. Document containing such additions, deletions/ alterations shall be signed by all the parties and shall form agenda to this MoU and be deemed to be part of this MoU.



## 8. Signed in Duplicate

This MOU is executed in duplicate with each copy being an official version and having equal legal validity. By signing below, the *parties*, acting by their duly authorized officers, have caused this Memorandum of Understanding to be executed, effective as of the day and year as written in the opening paragraph .

For and on behalf of



**Dr. Payal Mago,**

**Principal,**

Shaheed Rajguru College of Applied  
Sciences for Women (University of Delhi)

Principal

शहीद राजगुरु कॉलेज ऑफ  
एप्लाइड साइंसेस फॉर वुमैन  
SHAHEED RAJGURU COLLEGE OF  
APPLIED SCIENCES FOR WOMEN  
(दिल्ली विश्वविद्यालय/University of Delhi)  
वासुधरा एनक्लेव, नई दिल्ली-110096  
Vasundhara Enclave, New Delhi-110096

**Witness : I**

**Witness : II**



**Dr. Jasjeet Kaur**

**Associate Professor and Head of the  
Department (Chemistry)**

**Head of the Department  
(Biotechnology)**

Shaheed Rajguru College of Applied  
Sciences for Women (University of  
Delhi),

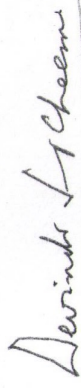
Chandigarh University, Gharuan, Mohali  
(Punjab).

Vasundhara Enclave

Delhi-110096

शहीद राजगुरु कॉलेज ऑफ  
एप्लाइड साइंसेस फॉर वुमैन  
SHAHEED RAJGURU COLLEGE OF  
APPLIED SCIENCES FOR WOMEN  
(दिल्ली विश्वविद्यालय/University of Delhi)  
वासुधरा एनक्लेव, नई दिल्ली-110096  
Vasundhara Enclave, New Delhi-110096

For and on behalf of




**Dr. Devinder Singh Cheema,**

Registrar

Chandigarh University

Gharuan, Mohali-140413  
Chandigarh University, Gharuan, Mohali  
(Punjab).



**Head**  
Department of Biotechnology  
Chandigarh University  
Gharuan, Mohali