



A
Mobility Report
Submitted to
Pt. Ravishankar Shukla University, Raipur
On
Erasmus+ Student Exchange Programme
(From 02/02/25 to 02/04/25)
At
Czech University of Life Sciences, Prague

By :
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Introduction : I, Rahul Keswani, M.Sc. IV Semester student from SoS in Environmental Science was selected for Erasmus+ student exchange programme at **Czech University of Life Sciences, Prague (CZU)** for a duration of 2 months (February 02 to April 02, 2025). The objective of this exchange was to learn from the diverse environment of the CZU and improve the social capital of mine as well as my university as a whole. This experience helped me to improve my knowledge, skills, attitude, employability, research aptitude and develop overall personality.

During this mobility, I visited **Faculty of Tropical AgriSciences** or **Fakulta Tropického Zemědělství (FTZ)** and attended various courses like:

1. **Economic Botany** by Prof. Ladislav Kokoška.
2. **Environmental Engineering** by Prof. Tatiana Alexiou Ivanova.
3. **Social and Demographic Aspects of Rural Development** by Prof. Jana Mazancová.



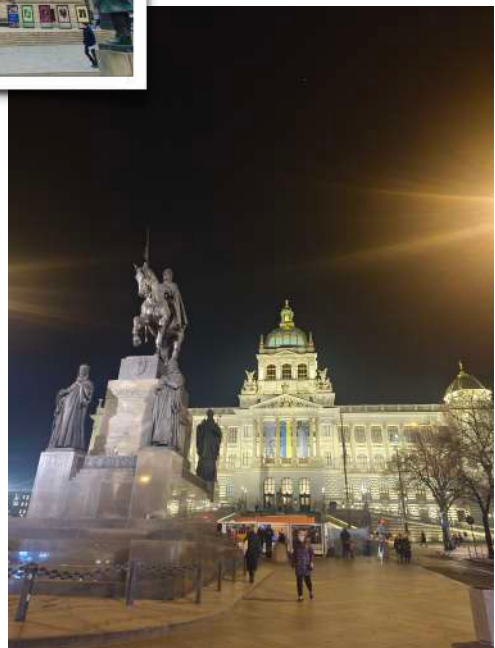
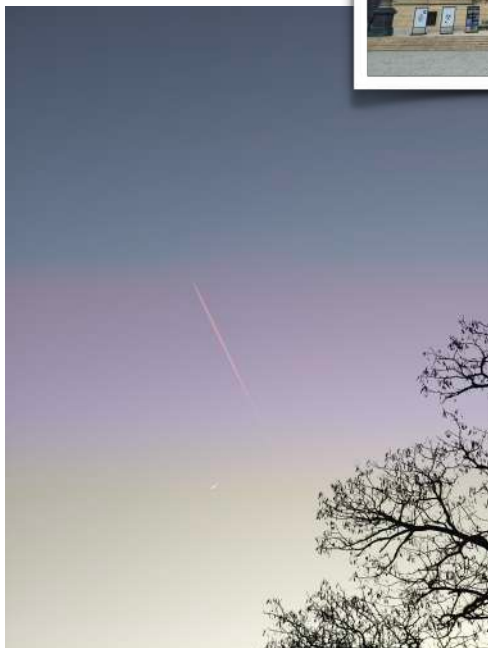
Internship : Apart from the studies, I got a golden opportunity to pursue a research internship at **BioResources and Technology (BRT) Division** at FTZ under the supervision of **Asso. Prof. Doc. Hynek Roubík** (Director at BRT Division and Dean at FTZ), co-supervision of **Dr. Yelizaveta Chernysh** (Project Director at BRT Division) and **Dr. Viktoriia Chubur** (Postdoctoral researcher at BRT Division). My project during this internship was to study the combined action of phosphogypsum and vermicompost leachate on the soil growing test of mustard plant. This research was conducted under collaboration with **Dr. Yakhnenko Olena** (Soil Scientist at Department of Ecology and Environmental Protection Technologies, Sumy State University, Ukraine).



Cultural Experience (Masopust Carnival) : On the February 27, 2025; I got an opportunity to witness the Masopust Carnival, a traditional festival at the university. Masopust, which translates to '**giving up meat**' is a meat fast preceding a period of fasting. This festival symbolically marks the transition from winter to spring. A parade was organised, visiting various departments of the university, where faculty and students warmly welcomed the participants.



Prague Cityscape : Here are some glimpses of Prague city which I explored in these two months and witnessed the beautiful architectures and sky gazing experiences at the beginning of spring season at this wonderful city.



Conclusion : The Erasmus+ Student Exchange Program at CZU provided an enriching academic and cultural experience. The learning experiences, exposure to advanced laboratory infrastructure, and participation in academic and cultural events contributed significantly to my professional and academic development. The visit facilitated knowledge enrichment and opened avenues for potential future collaborations in the context of repurposing resources and creation of circular economy by carbon sequestration and soil improvement technologies.

Thank You



**BioResources
& Technology**

INTERNSHIP CERTIFICATE

This certificate is presented to

Rahul Keswani

For completing an internship in the BioResources & Technology Division (BRT) at the Faculty of Tropical AgriScience (FTZ), Czech University of Life Sciences Prague (CZU) from 13.02.2025 to 1.04.2025. The internship provided hands-on experience in laboratory research, exposure to sustainability-focused projects, and opportunities for professional development through science communication, project support, and networking activities.

Ing. Viktoriia Chubur, Ph.D.
Researcher; BRT-Lab Manager
BioResources & Technology Division

doc. Ing. Hynek Roubík, Ph.D.
Director – BioResources & Technology Division
Dean – Faculty of Tropical AgriSciences

Czech University of Life Sciences Prague (CZU)
Faculty of Tropical AgriScience (FTZ)
BioResources & Technology Division (BRT)
Kamýcká 129, 165 00 Prague, Czech Republic



**Faculty of Tropical
AgriSciences**

TRANSCRIPT OF RECORDS

Name of receiving institution

CZECH UNIVERSITY OF LIFE SCIENCES PRAGUE

Faculty of Tropical AgriSciences

ECTS departmental coordinator: Ing. Petra Chaloupková, Ph.D., dr. h. c.

Tel.: +420 22438 2873

E-mail: chaloupkova@ftz.czu.cz

THIS IS TO CERTIFY THAT

Rahul Keswani

Matriculation number: 266824

Date and place of birth: 31 October 1997 in ,

Name of sending institution

Pandit Ravishankar Shukla University

has attended lectures of the Czech University of Life Sciences Prague during the SS 2024/2025.

Course Unit Code ⁽¹⁾	Title of the course unit	DCU ⁽²⁾	Volume and Examination ⁽³⁾	Local grade ⁽⁴⁾	ECTS grade ⁽⁵⁾	ECTS credits ⁽⁶⁾	Entry Date
ICI003E	Economic Botany	1S	2/2 C+Ex [h/w]	Good	D	5	07/04/2025
IUI007E	Social and Demographic Aspects of Rural Development	1S	2/2 C+Ex [h/w]	Excellent	A	5	26/03/2025
IUI008E	Environmental Engineering	1S	2/2 C+Ex [h/w]	Excellent	A	5	28/03/2025

Total 15 ECTS credits

(1) (2) (3) (4) (5) (6) see explanation

1906

Date: **11 April 2025**

Signature of institution:

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Mgr. Zora Fídlarová

Document is signed by a qualified certificate. This form of electronic signature fully complies with eIDAS EU Regulation and it is EU-wide recognized.

Legend:

- (1) Course Unit Code: Refer to the ECTS information package.
- (2) DCU = Duration of course unit: Y = 1 full academic year, 1S = 1 semester, 2S = 2 semesters
- (3) Volume and Examination = volume of teaching (lectures/practicals): [h/w]: h = hours, w = week(s), s = semester, d = days, and type of examination:

Examination	Definition
C+Ex	course credit + examination
C	course credit (course is not concluded by examination and graded pass/fail only)

- (4) Description of the institutional grading system: The Czech University of Life Sciences Prague awards grades according to the Czech Grading Scale of Institutions of Higher Education which consists of 4-point scale.

Czech Grade	ECTS Grade
1 – Excellent (excellent performance)	A
2 – Very Good (above the average standard but with some errors)	B
3 – Good (generally sound work with a number of notable errors)	D
4 – Failed (unsatisfactory performance)	F
Passed (students' achievements in some courses are graded "passed" only, where student has obtained a satisfactory level and course is not concluded by examination)	Pass

- (5) ECTS grading scale:

ECTS Grade	% of successful students normally achieving the grade	Definition
A	10	
B	25	
C	30	
D	25	
E	10	
FX	–	FAIL – some more work required before the credit can be awarded
F	–	FAIL – considerable further work is required

- (6) ECTS credits: 1 full academic year = 60 credits, 1 semester = 30 credits