

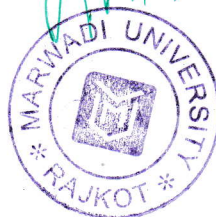
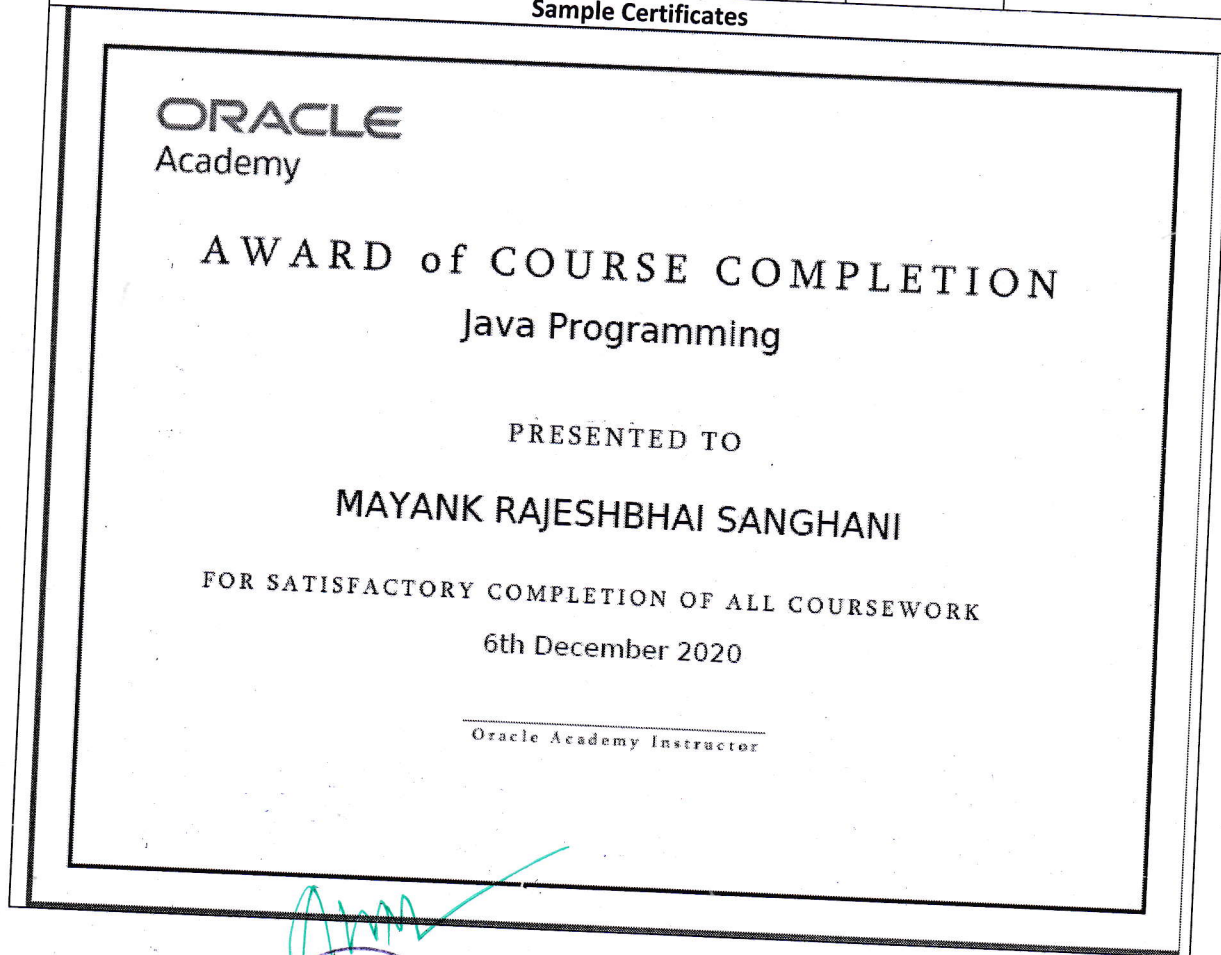
3.7.2: Number of functional MoUs with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research during the last five years

Any additional information

Oracle Academy Courses

Sr. No.	Course and Semester	Course Offered under Oracle Academy	No. of Students	Year	Remarks
1.	BCA SEM - 3	Java Programming	29	2020	Course is offered as a CSE component in syllabus
2.	BCA SEM - 3	Database Programming with PL/SQL	63	2021	Course is offered as a CSE component in syllabus

Sample Certificates



ORACLE
Academy

AWARD of COURSE COMPLETION

Database Programming with PL/SQL

PRESENTED TO

KELVI BHUT

FOR SATISFACTORY COMPLETION OF ALL COURSEWORK

2nd October 2021



Elizabeth Snyder
Vice President, Oracle Academy



Faculty of Computer Applications

Event Title:AWS Training

Time Duration : 36 hours - From June,2018 TO July, 2018

Coordinator:Dr. Vishal Pandya

Brief Details:

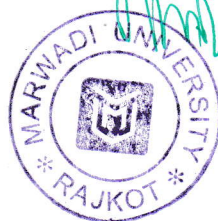
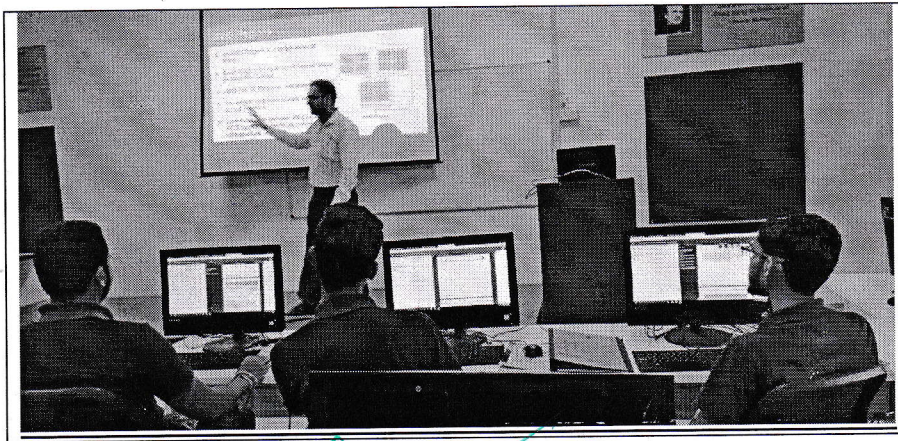
AWS training was conducted by Dr. Vishal Pandya, Assistant professor, Marwadi university, Rajkot for the duration of 36 hours from June,2018 to July,2018.3 students have attended the training.

This course helped the students to get the idea about designing highly available, cost efficient, fault tolerant and scalable system. It also helped students to implement and deploy amazon machine image and to learn data security and troubleshooting aspects.

Following students had participated in the training:

Sr. NO	Roll Number	Name
1	91700527032	Dharmesh Mukeshbhai Parmar
2	91700527037	JayminVijaybhaiMavani
3	91700527050	VivekkumarKishorbhaiDodiya

Snaps captured during this training are:



MoU between Marwadi University and CAAD Centre

Software covered under the MoU – AutoDesk AutoCAD 2D

Academic Year – 2017-2018

	CAAD Centre	
	Course Duration - 56 hrs	
	Course Content	
1	Fundamentals of Engg Drawing	25-Jul
2	Fundamentals of Computer Aided Drafting	27-Jul
3	2D CAD - AutoCAD	01-Aug
4	File management	03-Aug
5	Draw toolbar	08-Aug
6	Modification toolbar	10-Aug
7	Drafting tools	15-Aug
8	Isometric Drawing	17-Aug
9	Printing and layout	22-Aug
10	2D CAD Project	24-Aug
11	2D CAD Project Assessment	29-Aug
12	Productivity Tool	31-Aug
13	Project 1	05-Sep
14	Project 2	07-Sep

Academic Year – 2018-2019

	CAAD Centre	
	Course Duration - 56 hrs	
	Course Content	
1	Fundamentals of Engg Drawing	12-Jul
2	Fundamentals of Computer Aided Drafting	19-Jul
3	2D CAD - AutoCAD	26-Jul
4	File management	02-Aug
5	Draw toolbar	09-Aug
6	Modification toolbar	16-Aug
7	Drafting tools	23-Aug
8	Isometric Drawing	30-Aug
9	Printing and layout	7-Sept
10	2D CAD Project	14-Sept

11	2D CAD Project Assessment	21- Sept
12	Productivity Tool	28-Sept
13	Project 1	04-Oct
14	Project 2	11-Oct

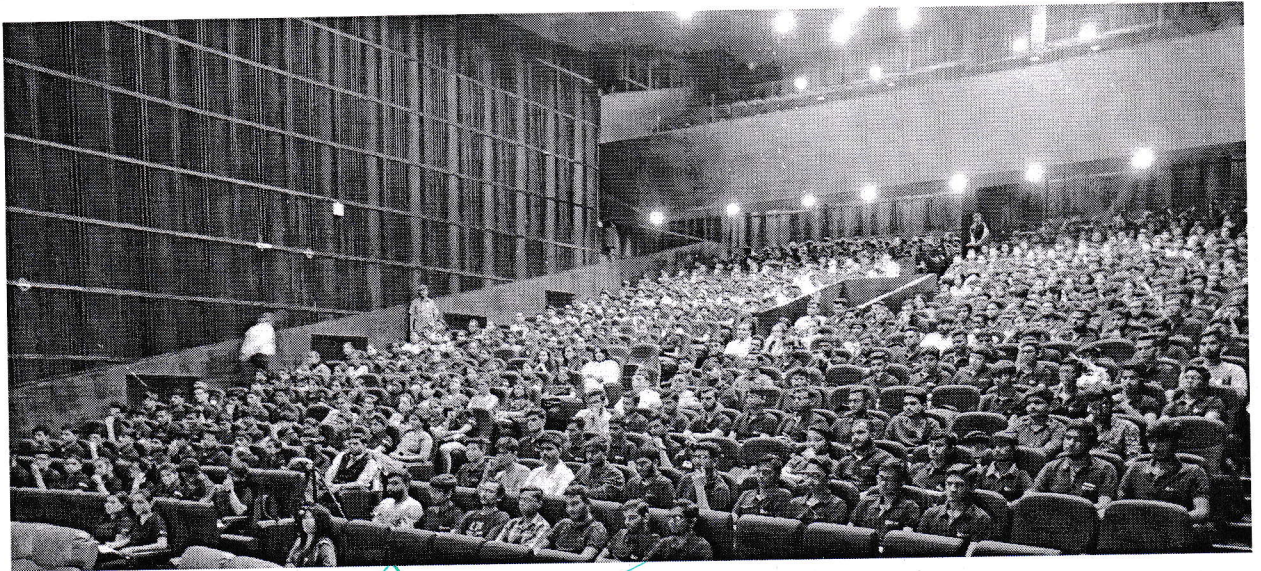
Academic Year – 2019-2020

	CAAD Centre	
	Course Duration - 56 hrs	
	Course Content	
1	Fundamentals of Engg Drawing	24-Jul
2	Fundamentals of Computer Aided Drafting	31-Jul
3	2D CAD - AutoCAD	07-Aug
4	File management	14-Aug
5	Draw toolbar	21-Aug
6	Modification toolbar	28-Aug
7	Drafting tools	05-Sep
8	Isometric Drawing	07-Sep
9	Printing and layout	12 - Sep
10	2D CAD Project	19 - Sep
11	2D CAD Project Assessment	26 - Sep
12	Productivity Tool	3 - Oct
13	Project 1	10 - Oct
14	Project 2	17 - Oct

Orientation Program In Collaboration with Helios

Faculty of Computer Applications Marwadi University organized an Orientation Program for the new batches of MCA and Integrated MCA on August 3, 2017. Mr. Jigar Shah, founder of Helios, was invited to honor the function as the Chief Guest. Sir was requested to also deliver a motivational session during the orientation function.

Mr. Jigar Shah accepted the invitation with honor and paid a visit to the program and delivered a session to inspire the budding IT Professionals.





SHRADDHA

CIVIL SERVICES

Date – 29/12/2017

To Whomsoever It May Concern

This is Certified that **Mr. Akshit Khoyani**(Roll Number 91600105063), **Mr. Harsh Mehta**(Roll Number 91600105026) and **Mr. Nivid Shial**(Roll Number 91600105053), the students of Civil Engineering Department, Marwadi University, Rajkot have satisfactorily completed their internship for the period of 25-11-2017 to 25-12-2017.

During their internship, we found them punctual, hardworking and dedicated to the work with good moral character.

We wish them all the best for bright future.

Mr. Gopal Barai,
Managing Director,
Shraddha Civil Services.



ERASMUS⁺Programme

Visit Report - April 2019

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Introduction

My Erasmus+ Teaching Staff mobility was with LODZ University of Technology, Poland. I was warmly welcomed by the International Cooperation Centre colleagues who guided me through matters related to my mobility stay, which was cherished and remembered throughout my stay. During this Teaching Staff mobility, I could engage with various stakeholders.

Impact of the Mobility project at local, regional and national levels AND measures to disseminate the results of mobility projects at multiple levels:

Relationship building and knowledge exchange:

Such international education initiatives helped promote relationship building and knowledge exchange between people and communities at the regional level at my home country to collectively work for local & global challenges.

International Academic Exchanges Foster Peace and Cross-Cultural Understanding:

In preparing a student as a global citizen, international student exchange is a key manoeuvre at the curve necessary for a young student's development. The exchange also fosters cross-cultural understanding - a key component of peace, diplomacy and sustenance in human and social development. International academic exchange increases mutual respect among the people of the world, fosters an appreciation of differences and respect for similarities, and thereby enhances our ability towards better understandings and communications – an imperative and necessary attribute for the global workforce.

The visit has added to my Teaching-Learning skillset. I have equally positive words for the European Commission who approved this grant and gave me a rich & memorable opportunity to visit Poland. I also would like to share that my personal & professional needs were very well taken care during my stay, which was a memorable one and shall be cherished and remembered throughout.

I am confident and I look forward to such opportunities coming my way as well as to my institution which shall add to knowledge and overall life experiences.

Prof. (Dr.) R B Jadeja
Dean – Faculty of Engineering & Technology
Marwadi University

Summary of University Visits

Óbuda University

Hungary

UTP University of Sciences and Technology

Bydgoszcz

SLOVAK UNIVERSITY OF TECHNOLOGY

BRATISLAVA

Technical University of Ostrava

Budapest University of Technology and Economics

Szechenyi Istvan University

Lodz University of Technology

*Uczelnia Jana Wyżykowskiego
Poland*

UTP University of Science and Technology, Bydgoszcz

UTP University of Science and Technology in Bydgoszcz has more than 60 year-long tradition. The Institute is a multi-profile school of higher education; the only one in the region which integrates both agricultural and technological sciences and the only one in the region educating engineers. Throughout the 60-year-long history 38,000 students have graduated from the University, mostly majoring in civil engineering and machinery construction and agriculture. A Visit to UTP University of Science and Technology was scheduled on April 05th, 2019. An interaction and discussions were held with the officials of local industry cluster of Bydgoszcz area, Dr. Adam Gadomski, Vice-Rector International Office and Prof. Dr. Piotr Szewczykowski, Faculty at Mechanical Engineering Department.

Discussion Points

- Study offerings for First Year students of Mechanical Engineering at Marwadi University.
- Exploring possibilities for induction of Mechanical Engineering students at Marwadi University for further Three years of University studies at UTP Bydgoszcz.
- Internship possibilities with the local industries related to Mechanical Engineering.

Actionable

- To disseminate this offer among the students of Mechanical Engineering, Marwadi University.
- Counsel parents of interested students about this opportunity.



SLOVAK UNIVERSITY OF TECHNOLOGY, BRATISLAVA

Slovak University of Technology in Bratislava is a technical university in Slovakia. According to the Slovak higher education ranking scheme prepared by ARRA, STU has been the best University in chemicals technologies, computer and technical sciences. Interaction and discussion opportunity was shared with Prof. Ing. arch. Ľubica Vitková, Vice Rector, STUBA & Dr. Lenka Hrudková, International Relations on April 08th, 2019.

Discussion Points

- Bilateral Research – Post-Doctorate & Doctoral opportunities.
- Institutional bilateral Erasmus+ Students & Staff mobilities in Engineering & Technology and various activities to enhance international cooperation.

Actions to Initiate

- Draft for Memorandum of Understanding has been shared with SUT.
- Inputs from Deans of the Faculty & Prof. Ing. arch. Ľubica Vitková awaited.



Technical University of Ostrava draws on 170 years of research and academic excellence to provide world class education in 7 Faculties offering Bachelor's, Master's, PhD, and exchange programmes to students from six continents. State of the art research facilities, cooperation with leading companies, and partnerships with universities and research institutions the world over provide excellent opportunities for student, teachers, and researchers alike. A visit to Technical University of Ostrava was planned and scheduled on April 09th, 2019. Had an opportunity to discuss with Ms. Irena Havelková, International Office, Mr. Daniel Casten-Director of Confucius Classroom International Relations Officer and Prof. Dr Paval Brandstetter, Dean Faculty of Electrical Engineering and Computer Science.

Discussion Points

- To enter into understanding with regard to Academic collaborations and share draft of MoU.
- Specific proposal/s shall be shared and discussed mutually.
- Institutional bilateral Erasmus+ Students & Staff mobilities in Engineering & Technology and various activities to enhance international cooperation.

Actionable

- MoU draft has been shared, to be authorized and sent to CZ Republic.



Óbuda University has an excellent conditions for world-class research and education, a multi-cultural flair in labs and lecture halls and active promotion of international partnerships. The university is a leading institution and an attractive international place for study and research for prospective research scholars. On April 10th, 2019 visit to Óbuda University, Hungary was scheduled. During the visit discussions were held with Prof. Dr. László Nádai, Dean of Kandó Kálmán Faculty of Electrical Engineering, Ms. Erzsébet Veres, Deputy Director for International Affairs & Head of Mobility Department, Mr. Péter Harmath, Head of External Relations Department.

Discussion Points

- Bilateral Research – Post-Doctorate & Doctoral opportunities.
- Institutional bilateral Erasmus+ Students & Staff mobilities in Engineering & Technology and various activities to enhance international cooperation.



Budapest University of Technology and Economics

The Budapest University of Technology and Economics (BME) is a public higher education institute operating as a central budgetary institution. A visit to Budapest University of Technology and Economics was held on April 11th, 2019. During the visit discussion and interaction with Ms Adrienn Füzesi, Director for International Relations was held with an objective to have collaboration and understanding in Doctoral and Post Doctoral opportunities.

Discussion Points

- Cooperation specific to Doctoral & Post-Doctorate opportunities.
- Enter into understanding in the said specific areas between Marwadi University and Budapest University of Technology and Economics.

Actionable

- MoU draft has been shared, to be authorized and send to Budapest University of Technology and Economics.



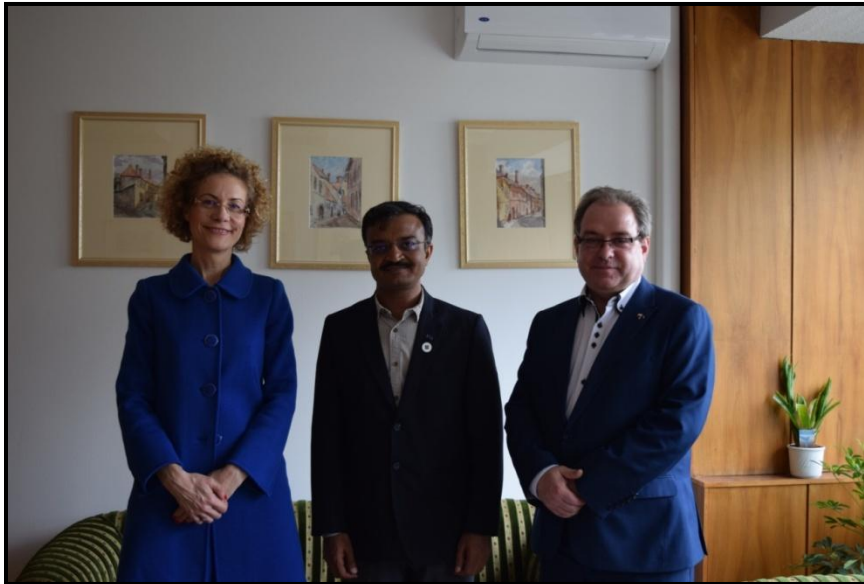
The Széchenyi István University (SZE) is located in Hungary. The University was established in 2002. It has an excellent reputation in Electrical and Mechanical Engineering and has a partnership with leader car manufacturers. On April 12th, 2019 visit to Szechenyi Istvan University was scheduled. During the visit discussion were held with Dr. Eszter Lukács, Vice-Rector for Educational Affairs, Dr. Tibor Dóry, Gyula Kautz Faculty of Business & Economics and Ms. Helga Hoffmann, Centre of International Programmes.

Discussion Points

- Exploring potential areas for bilateral research & other diverse opportunities for collaboration in the fields of Engineering & Technology at postgraduate and doctoral levels.
- Institutional bilateral Erasmus+ Students & Staff mobilities in Engineering & Technology and various activities to enhance international cooperation.

Actionable

- Marwadi University shall share potential areas to Szechenyi Istvan University.



Lodz University of Technology has been developed as one of the biggest technical universities in Poland. A visit to Lodz University of Technology was scheduled on April 15th to 19th, 2019. During the visit discussions were held with Dr. Małgorzata Świt, Head - International Office and Dr. Tomasz Siewierski Institute of Electrical Power Engineering, Lodz University of Technology.

Discussion Points

- Doctoral and Post Doctoral opportunities for Research Scholars and staff members of Marwadi University.
- Student Exchanges across all possible specializations.
- One PhD scholar application submitted for scholarship programme.

Under **ERASMUS+** staff mobility for teaching, between Programme and partner countries 8 hours teaching were delivered. A lecture class was conducted at LODZ University on the subject Electronic Power Converters: Power Quality Issues and Mitigation Techniques using SAPF to understand the teaching learning process. During the course of lecture many students interacted, discussed and tried to learn Indian higher education system.



A Discussion was held with Dy. Dean of Mechanical Engineering Department to explore the opportunities for Student Exchange



Program and Doctoral Studies. An opportunity was shared to visit laboratories of Mechanical Engineering Department along with Dy. Dean and explore possibilities for scientific collaborations. The Dy Dean has also assured to invite 1 Research Scholar from Marwadi University at Mechanical Engineering Department of Lodz University of Technology for a period of 1 month to undergo research studies.

A meeting was held with Prof. Irena Wasiak, the Director of Lodz University and Dr. Tomasz Siewierski, Assistant Professor at the Electrical Power Engineering Department of Lodz



University. The meeting was intended to have an alliance for research collaboration in the field of Electrical Power Engineering. A visit to different laboratories of the Institute of Electrical Power Engineering Department was also scheduled. The meeting resulted with an opportunity to undertake doctoral research for the faculty member of Marwadi University. Prof. Uvesh Sipai, a Research Scholar of Marwadi University under the guidance of Dr. R B Jadeja shall be visiting Institute of Power Engineering at

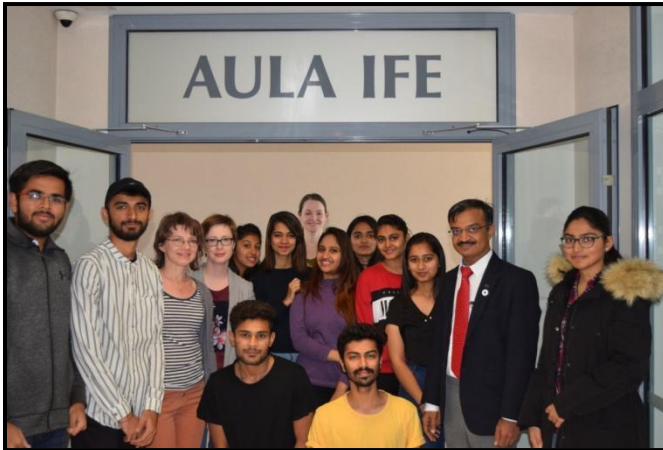
Lodz University for a period of 1 month to undertake Doctoral Studies. This research opportunity shall give Prof. Uvesh Sipai access to state of the art laboratories related to Electrical Power Engineering and will work under the guidance of Prof. Irena Wasiak and Dr. Tomasz Siewierski who have carved specialization in Microgrid, Integration of Distributed Energy Researches with grid, Power Quality Assessment in a Microgrid and much more. This opportunity is fully granted under the Polish Government [PROM] program.

Meetings at International Cooperation Centre

1. Visited International Educational Projects Division, discussed with Prof. Malgorzata Swit with regard to further collaborations and scientific activities.
2. Visited Student Mobility Division, discussed with Prof. Mariola Jozefowicz with regard to Dual Degree Program between Marwadi University and Lodz University.
3. Visited Accreditation and International Ranking Division, interacted and discussed with Prof. Justyna Kopanska regarding Accreditation at EU and Rankings.

Interaction with Students of Marwadi University at Lodz University

Under the ERASMUS⁺ program 14 students of Computer Engineering & Civil Engineering Department at Marwadi University are undergoing studies at Lodz University. An interaction and discussion were held with the students who are undergoing their studies. Feedbacks were obtained from the students in terms of teaching learning process and examination evaluation system being practiced.



Lectures and Activities

Prof. R B Jadeja and Prof. Polkowice conducted lectures on IT Tools in Management, IT Tools in Logistics and Modern IT Systems. IT tools implemented at Marwadi University was shared particularly in the areas of Teaching & Learning process, Human Resource Management, online logistics management, online canteen system and as well as online assessment system adopted. Active participation and interaction were noted among the students and eagerness to know process adopted at Marwadi University was exhibited by students. Implementation of different parameters while adopting IT systems were explained which remains different as per the country needs.

Summary of Lectures delivered

Date	Subject	Hours	Students
6-Apr-19	IT Tools in Management	6	Under Graduate
6-Apr-19	IT Tools in Logistics	4	Under Graduate
7-Apr-19	IT Tools in Management	4	Under Graduate
7-Apr-19	IT Tools in Logistics	6	Under Graduate
13-Apr-19	IT Tools in Logistics	6	Under Graduate
13-Apr-19	Modern IT Systems	2	Under Graduate
14-Apr-19	Modern IT Systems	2	Under Graduate
14-Apr-19	IT Tools in Management	8	Under Graduate



Class photograph, where healthy interactions among students were noted, especially students who belonged to different domains such as working in bank, shopping malls, insurance companies, hospitals etc.

Final Engineering Exam: Defense

Date: 13/04/2019

Student: Magdalena Kwiatowska

An opportunity was shared as an invited guest in the Final Engineering Exam (Defense). It was my honor and privilege to share inputs as a guest examiner. I am very thankful to the Dean of Engineering and Technology.

Meetings with Senior Officials of UJW:

- Dr. Włodzimierz Olszewski - The Rector, UJW
- Dr. Dariusz Zajac - The Chancellor, UJW
- Dr. Tadeusz Kierzyk - The Dean, Lubin Branch
- Prof. Dr. Stanisław Piesiak - The Dean, Social Sciences Branch
- Prof. Dr. Rafał Czachor - The Dean, Social Sciences Branch

The meetings were held for Post Doctoral activities, to understand teaching-learning process at UJW and education system in India. The inputs were shared by Dr. Dariusz Zajac - The Chancellor of UJW and the activities being undertaken in terms of scientific work. Prof. R B Jadeja is very thankful, for giving an opportunity to work with Post Doctoral Fellow at UJW Poland.

A healthy interaction were held with Dr. Włodzimierz Olszewski - The Rector, UJW in terms of teaching learning process and different types of courses available at Marwadi University and UJW. Rector has also agreed to provide all support from UJW and to work with Prof. Polkowice.

We also met Prof. Dr. Stanisław Piesiak - The Dean of Social Sciences, Prof. Dr. Rafał Czachor- The Dean of Social Sciences and Dr. Tadeusz Kierzyk- The Dean of Lubin Branch. They have given valuable inputs and parameters, what they have implemented at UJW which was very useful and informative for collaborative projects and post doctoral research activities.