

IEP report

International experience program

At

Ural Federal University

Yekaterinburg, Russia



Branch: civil engineering

Submitted by:

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Date of Report Preparation	16 th July, 2017
Branch	Civil Engineering
Duration of IEP	6 weeks
Subjects Offered in IEP	1. Design of Concrete Structures 2. Design of Steel Structures
Professors who delivered Lectures	Asst. Prof. Evgeniy Redikultsev Asst. Prof. Belyaeva Zoya Asst. Prof. Ekaterina karlova
Components of Learning	1. Class room teaching 2. Tutorials 3. Project Preparation 4. Industry Visit

Academic:



1. Design of Concrete Structures

- Introduction to concrete structures
- Important features of concrete structures
- Elements of reinforced concrete structures
- Resistance of reinforced concrete structures
- Design of retaining wall
- General principles of concrete design
- Layout of reinforced concrete structures
- Analysis of reinforced concrete structures
- Design of reinforced concrete structure members
- Design of reinforced concrete flat slabs
- Design of prestressed concrete members
- Design of Foot over Bridge

2. Design of Steel Structures

- Introduction to steel structures
- Important features of steel structures
- Elements of steel structures
- Loads and combinations
- Connections
- Design of plate girders
- Analysis and design of truss
- Design of industrial building
- Design of foot – over bridges
- Plastic Design

3. Russian Language & Entrepreneurship

- Russian Language – alphabets
- Russian Language – Common Conversations
- Entrepreneurship concepts
- Entrepreneurship opportunities in Russia



4. Industry Visits

- Pervouralsk Pipe Plant
- Ural locomotives
- Precast concrete factory
- INNOPROM 2017





5. Visits in Yekaterinburg

- Boris Yeltsyn museum
- Lot many culture program
- Nature Park Oleni Ruchi
- Ural Zoo
- Heroes park
- Sports Activities
- trampoline park "Razgon"
- Vienna Music Fest
- Leaning Tower of Nevyansk
- Experience of Traditional Russian Bath – Russia Banya
- Ramada resort
- Europe – Asia Border







6. Overall experience:

- We got good experience from Yekaterinburg.
- The advance technology of class room teaching and tutorial inspires us and it easy for us to get knowledge.
- The faculty of this university are good and sweet.
- The university is big and it have well develop and good infrastructure.
- The local students of this university are good and they are more helpful for us in other activity.
- Also the volunteers are good, sweet and very helpful for us to interact with this culture and people.
- The infrastructure, road, technology, rules are good.
- The people follow the rules and regulation.
- The weekend events of this city is good and it help us to more interact with this culture and people.
- We got some issue regarding veg. food but it's ok we manage it well.
- The general transportation system 'TRAM' is good and cheap in cost.
- We got some problem regarding language but technology and volunteer help us very well.
- The Russian people like us and when we go to the social place they smile us and talk with us but some of Russian hate us very well.
- The hostel is good, but living area is congested.

- Also we got the chance to interact with the students from Mexico and china.
- We enjoy 40 days stay at Yekaterinburg city.
- We are very happy from this experience program and we are thankful to GTU for this program.