

International Burch University ACM Student Chapter

Address: International Burch University, Francuske revolucije bb, Sarajevo, Bosnia and Herzegovina

- Faculty Sponsor:** Zerina Mašetić, zerina.masetic@ibu.edu.ba
- Chair:** Medina Bandić, medina.bandic@ibu.edu.ba
- Vice-chair:** Adi Arnautović, adi.arnautovic@stu.ibu.edu.ba
- Secretary:** Džejlana Kovačević, dzejlana.kovacevic@stu.ibu.edu.ba
- Treasurer:** Tarik Bučan, tarik.bucan@stu.ibu.edu.ba
- Membership chair:** Amela Vatreš, amela.vatres@stu.ibu.edu.ba
- Web Master:** Haris Muhibić, haris.muhibic@stu.ibu.edu.ba,
Aldin Kovačević, aldin.kovacevic@stu.ibu.edu.ba

DESCRIPTION OF THE DEPARTMENT OF INFORMATION TECHNOLOGIES

URL: <https://it.ibu.edu.ba/>

The mission of the Department of Information Technologies is to educate students to gain an understanding of the fundamentals of science and engineering so that they can develop solutions to information technology problems and enhance their skills in computer science, computer architecture, design and analysis of algorithms, software engineering, communication and research skills. It is aimed to especially emphasize teamwork, independent and innovative thinking and leadership qualities.

Academic staff of the IT Department believe that neither theory nor practice alone is enough in teaching IT. Therefore, courses based on a balance of theory and practice is set up so that students gain a thorough understanding of the subjects. In order to provide practical experience for our students, our department is equipped with four teaching laboratories and two computer and network laboratories. Students use these labs extensively during their study years for their assignments, projects, research, and for fun! Furthermore, our students are required to do an internship lasting for 30 working days in order to get feeling of real business life that is ahead. Current number of students at our department is as following:

B.Sc.: 127
M.Sc.: 20
Ph.D.: 10

DESCRIPTION OF THE CHAPTER

International Burch University ACM Student Chapter was established in November 2016 with one simple mission: to serve as much students as possible and to try to make a difference in Bosnia and Herzegovina. Proof that our mission is right and well implemented can be found in number of our members that exceeds sixty students. Considering the fact that only 16% of the total number of IT students at our Department are females, our goal is to support female students in our country, increase their interest in technology, and to at least double the current number of female students at our Department in following academic year. It is important to note that our chapter is currently the first and the only ACM chapter in Bosnia and Herzegovina.

SCHOOL SERVICES ESSAY

We are International Burch University ACM Student Chapter, a club gathering more than sixty young people inspired to make a difference. Although we have been existing only for six months we are already applying for this great competition. As students, we noticed how every individual has its own interests, its own choice of knowledge to be obtained. But, we also noticed that each of those interests might become our interest one day and that we would be much more efficient engineers and problem solvers, if we tasted at least a bit of each cake served on this table of world technologies. Therefore each week we organize “knowledge sharing“ where one of our members being good in one field, teaches others not only the basics of that technology, but also about his/her motivation to use it. Every day we are constantly being reminded of bad economy and high level of unemployment in our country. That is why these “knowledge sharing” sessions are so important to us. We are doing our best to educate as much people as possible about our field of study and the good thing is that successful engineers are starting to join us. In this way we make our university branded as one of the most effective and active university in our country.

We are also trying to improve communication between students and professors at the University, and therefore we organize events where they speak about their reason for choosing their field of study, the most interesting things they experienced as an engineer and the most valuable lesson they learned while doing this job. In this way, we serve our Faculty’s most valuable stakeholder - its people.

Knowing that many students are experiencing troubles while preparing for the exams, we also organize sessions for knowledge sharing but this time focused on things we cover in regular class.

Finally, when the new knowledge is acquired there is great way of testing it – IBU ACM Competition! Students from all years are divided in teams, given time to solve problems they think are most crucial to be solved, and eventually given opportunity to present their work to potential investors.

Sometimes it might seem that we got ourselves in one huge, bad performing loop where we are only able to observe the bad code running. Sometimes there is too much of obstacles, stupid lines of code to be executed before we actually find our purpose, secret function we are all honored to have. The importance of it doesn’t lie in its complexity, but in the right time of its execution. Therefore, our club tries to help others find and write their function faster and from many aspects making at least small part of global code cleaner and more effective. The club is trying to incorporate itself as one of the most important parts of our university’s culture, hence making it the most famous and hard working developer of our country and that is what we think is worth competing with.