

Analytic supplement to Self-analysis

Higher education institution: Faculty of Metallurgy (124)

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TABLE WITHIN THE TOPIC 3 - TEACHING PROCESS AND STUDENT SUPPORT

Table 3.1. Number of students per study programme for the current academic year

Study programme name	Full-time students	Part-time students
Founding (221)	0	6
Metallurgy; specialisations in: Metallurgical Engineering, Industrial Ecology (222)	110	0
Metallurgy (223)	22	0
Total	132	6

Table 3.2. Structure of enrolled students and interest in first level study programmes in the current and last two academic years*

Founding (221), professional undergraduate study programme

Academic year	Full-time students			Part-time students			Secondary School Performance	
	Applied	Enrolled	Enrolment quota	Applied	Enrolled	Enrolment quota	Percentage at state graduation exam	Average grade
2016	-	-	-	3	3	20	-	4,15
2015	-	-	-	2	2	20	-	3,67
2014	-	-	-	0	0	20	-	0

*including the integrated graduate study programmes

Table 3.2. Structure of enrolled students and interest in first level study programmes in the current and last two academic years*

Metallurgy; specialisations in: Metallurgical Engineering, Industrial Ecology (222), undergraduate university study programme

Academic year	Full-time students			Part-time students			Secondary School Performance	
	Applied	Enrolled	Enrolment quota	Applied	Enrolled	Enrolment quota	Percentage at state graduation exam	Average grade
2016	137	49	58	-	-	-	45,05	3,33
2015	192	55	58	-	-	-	40,98	3,54
2014	233	55	58	-	-	-	48,78	3,54

*including the integrated graduate study programmes

Table 3.3. Structure of enrolled students and interest in graduate and postgraduate programmes in the current and last two academic years

Metallurgy (223), graduate university study programme

Academic year	Full-time students			Part-time students			Number of students transferred from other study programme or other HEI	Average grade on the previous level of study
	Applied	Enrolled	Enrolment quota	Applied	Enrolled	Enrolment quota		
2016	9	9	33	-	-	-	2	3,34
2015	7	7	33	-	-	-	0	3,23
2014	7	7	33	-	-	-	0	3,02

Table 3.4. Progress in the study programme from the first to the second year of study - only for undergraduate and integrated study programmes in the last five academic years

Founding (221), professional undergraduate study programme

Year of enrolment	Number of students enrolled	Number of students who achieved 18 to 29 ECTS credits	Number of students who achieved 30 to 54 ECTS credits	Number of students who achieved 55 to 59 ECTS credits	Number of students who achieved at least 60 ECTS credits
2016	5	0	1	0	1
2015	4	0	2	0	1
2014	0	0	0	0	0
2013	0	0	0	0	0
2012	0	0	0	0	0

Note: Includes only ECTS credits determined by the study programme.

Table 3.4. Progress in the study programme from the first to the second year of study - only for undergraduate and integrated study programmes in the last five academic years

Metallurgy; specialisations in: Metallurgical Engineering, Industrial Ecology (222), undergraduate university study programme

Year of enrolment	Number of students enrolled	Number of students who achieved 18 to 29 ECTS credits	Number of students who achieved 30 to 54 ECTS credits	Number of students who achieved 55 to 59 ECTS credits	Number of students who achieved at least 60 ECTS credits
2016	70	5	15	1	10
2015	82	8	28	2	8
2014	92	11	31	6	7
2013	87	14	20	0	6
2012	86	16	17	3	3

Note: Includes only ECTS credits determined by the study programme.

Table 3.5. Completion of the study programme

Founding (221), professional undergraduate study programme

A cohort of enrolled students in one generation+	Number of enrolled students*	Number of graduates from generation*	Number of students who are still studying from generation*	Number of students who have lost the right to study from generation*	Average duration of studying
2011	9	5	0	4	3,8
2012	0	0	0	0	0
2013	0	0	0	0	0
2014	0	0	0	0	0

*Does not include student transfers from other higher education institutions.

+Data for all academic years from 2009/2010 is entered. For the years for which the completion of education is not yet possible, data on graduates is not entered.

Table 3.5. Completion of the study programme

Metallurgy; specialisations in: Metallurgical Engineering, Industrial Ecology (222), undergraduate university study programme

A cohort of enrolled students in one generation+	Number of enrolled students*	Number of graduates from generation*	Number of students who are still studying from generation*	Number of students who have lost the right to study from generation*	Average duration of studying
2009	35	6	0	29	4
2010	23	5	0	18	3,8
2011	51	7	0	44	3,5
2012	55	12	1	42	4
2013	56	9	2	45	3,7

*Does not include student transfers from other higher education institutions.

+Data for all academic years from 2009/2010 is entered. For the years for which the completion of education is not yet possible, data on graduates is not entered.

Table 3.5. Completion of the study programme

Metallurgy (223), graduate university study programme

A cohort of enrolled students in one generation+	Number of enrolled students*	Number of graduates from generation*	Number of students who are still studying from generation*	Number of students who have lost the right to study from generation*	Average duration of studying
2009	2	2	0	0	2,2
2010	6	5	0	1	2,8
2011	11	8	0	3	2,5
2012	5	4	0	1	2,2
2013	8	6	0	2	2,3
2014	7	6	0	1	2,6

*Does not include student transfers from other higher education institutions.

+Data for all academic years from 2009/2010 is entered. For the years for which the completion of education is not yet possible, data on graduates is not entered.

Table 3.6. Mobility of students (total) in the last five academic years

	Number of students in international exchange	
	up to 3 months	more than 3 months
Outgoing mobility	0	4
Incoming mobility	0	4

Table 3.7. Employment of graduates / alumni in the last 3 calendar years

Founding (221), professional undergraduate study programme

Year	Number of students who completed the study	Number of unemployed alumni according to the statistics of the Employment Office, at the national level*
2017	0	0
2016	2	0
2015	2	0

* Refers to the number of unemployed individuals holding qualifications obtained by completing the study programme in question

Table 3.7. Employment of graduates / alumni in the last 3 calendar years

Metallurgy; specialisations in: Metallurgical Engineering, Industrial Ecology (222), undergraduate university study programme

Year	Number of students who completed the study	Number of unemployed alumni according to the statistics of the Employment Office, at the national level*
2017	18	1
2016	7	1
2015	12	1

* Refers to the number of unemployed individuals holding qualifications obtained by completing the study programme in question

Table 3.7. Employment of graduates / alumni in the last 3 calendar years

Metallurgy (223), graduate university study programme

Year	Number of students who completed the study	Number of unemployed alumni according to the statistics of the Employment Office, at the national level*
2017	8	6
2016	3	7
2015	6	4

* Refers to the number of unemployed individuals holding qualifications obtained by completing the study programme in question

TABLE WITHIN THE TOPIC 4 - TEACHING AND INSTITUTIONAL CAPACITIES

Table 4.1.a Staff Structure - FOR UNIVERSITIES in the current academic year

Staff*	Full-time staff		Cumulative employment		External associates	
	Number	Average age	Number	Average age	Number	Average age
Full professors with tenure	2	61,5	-	-	-	-
Full professors	3	58,67	-	-	-	-
Associate professors	11	45,73	-	-	-	-
Assistant professors	5	42,6	-	-	-	-
Scientific advisor (permanent/ with tenure)	-	-	-	-	-	-
Scientific advisor	-	-	-	-	-	-
Senior Research Associate	-	-	-	-	-	-
Research Associate	-	-	-	-	-	-
Teaching grades	-	-	-	-	2	52
Assistants	5	30	-	-	-	-
Postdoctoral researcher	-	-	-	-	-	-
Employees on projects	-	-	-	-	-	-
Expert assistants	2	42,5	-	-	-	-
Technical staff	4	55	-	-	-	-
Administrative staff	8	48,25	-	-	-	-
Support staff	3	53	-	-	-	-

* Classification according to the Act on Scientific Activity and Higher Education

Table 4.1.b Structure of staff - for POLYTECHNICS AND COLLEGES in the current academic year

Staff	Full-time staff		Cumulative employment		External associates	
	Number	Average age	Number	Average age	Number	Average age
-	-	-	-	-	-	-

Table 4.2. The dynamics of recruiting teachers and associates over the last 5 years

(Data entered by academic years)

Academic year	Number of newly employed teachers	Number of newly employed associates	Number of teachers whose contracts expired
2016	1	3	0
2015	0	1	0
2014	1	0	4
2013	0	0	1
2012	2	0	1

Table 4.3. Teachers and assistants at the HEI in the current academic year

Teacher	Crosbi link	Grade*	Academic degree	HEI at which the teacher was appointed to grade, year of last appointment to grade	Field	Subject within the field	Cumulative employment percentage	Workload on the employer institution in standardised teaching hours	Workload on other institutions in standardised teaching hours
Anita Begi Hadžipaši	https://www.ib.irb.hr/pretraga/?q=Begi%C4%87+Had%C5%BEipa%C	associate professor	doktor znanosti	Faculty of Metallurgy, 2016	Technical sciences	Metallurgy	-	382	0
Ivan Brnardi	https://www.ib.irb.hr/pretraga/?q=Brnardi%C4%87%C2C+Ivan+%28	associate professor	doktor znanosti	Faculty of Chemical Engineering and Technology, 2016	Technical sciences	Chemical engineering	-	492	-
Natalija Doli	https://www.ib.irb.hr/pretraga/?q=Doli%C4%87%C2C+Natalija+%2	associate professor	doktor znanosti	Faculty of Metallurgy, 2016	Technical sciences	Metallurgy	-	292,5	-
Zoran Glavaš	https://www.ib.irb.hr/pretraga/?q=Glava%C5%A1%C2C+Zoran+%282	associate professor	doktor znanosti	Faculty of Metallurgy, 2012	Technical sciences	Metallurgy	-	641	-
Mirko Goji	https://www.ib.irb.hr/pretraga/?q=Goji%C4%87%C2C+Mirko+%2863	full professors with tenure	doktor znanosti	Faculty of Metallurgy, 2013	Technical sciences	Metallurgy	-	600,5	60

Teacher	Crosbi link	Grade*	Academic degree	HEI at which the teacher was appointed to grade, year of last appointment to grade	Field	Subject within the field	Cumulative employment percentage	Workload on the employer institution in standardised teaching hours	Workload on other institutions in standardised teaching hours
Vladimir Grozdani	https://www.ib.irb.hr/pretraga/?q=Grozdan%C4%87%2C+Vladimi	associate professor	doktor znanosti	Faculty of Metallurgy, 2015	Technical sciences	Metallurgy	-	307,5	-
Tamara Holjevac Grguri	https://www.ib.irb.hr/pretraga/?q=Holjevac+Grguri%C4%87%2C+	associate professor	doktor znanosti	Faculty of Chemical Engineering and Technology, 2016	Technical sciences	Chemical engineering	-	576,5	-
Damir Hršak	https://www.ib.irb.hr/pretraga/?q=Hr%C5%A1ak%2C+Damir+%2822	full professor	doktor znanosti	Faculty of Metallurgy, 2012	Technical sciences	Metallurgy	-	555	-
Ivana Ivani	https://www.ib.irb.hr/pretraga/?q=Ivani%C4%87%2C+Ivana+%283	assistant	doktor znanosti	Faculty of Metallurgy, 2012	Technical sciences	Metallurgy	-	205,5	-
Ivan Ivec	https://www.ib.irb.hr/pretraga/?q=Ivec%2C+Ivan+%28339756%29	assistant professor	doktor znanosti	Faculty of Science, 2017	Natural sciences	Mathematics	-	660	-
Ivan Jandri	https://www.ib.irb.hr/pretraga/?q=Jandri%C4%87%2C+Ivan+%283	assistant professor	doktor znanosti	Faculty of Metallurgy, 2017	Technical sciences	Metallurgy	-	158	-

Teacher	Crosbi link	Grade*	Academic degree	HEI at which the teacher was appointed to grade, year of last appointment to grade	Field	Subject within the field	Cumulative employment percentage	Workload on the employer institution in standardised teaching hours	Workload on other institutions in standardised teaching hours
Stjepan Kožuh	https://www.ib.irb.hr/pretraga/?q=Ko%C5%BEuh%C+Stjepan+%28	associate professor	doktor znanosti	Faculty of Metallurgy, 2013	Technical sciences	Metallurgy	-	763,5	-
Ladislav Lazi	https://www.ib.irb.hr/pretraga/?q=Lazi%C4%87%C+Ladislav+%2	full professors with tenure	doktor znanosti	Faculty of Metallurgy, 2012	Technical sciences	Metallurgy	-	570,5	-
Martina Lovreni - Jugovi	https://www.ib.irb.hr/pretraga/?q=Lovreni%C4%87-Jugovi%C4%8	assistant professor	doktor znanosti	Faculty of Mechanical Engineering and Naval Architecture, 2013	Technical sciences	Mechanical engineering	-	410	-
Robert Pezer	https://www.ib.irb.hr/pretraga/?q=Pezer%C2+Robert+%28213706	associate professor	doktor znanosti	Faculty of Science, 2013	Natural sciences	Physics	-	443	-
Ankica Ra enovi	https://www.ib.irb.hr/pretraga/?q=Ra%C4%91enovi%C4%87%C+An	full professor	doktor znanosti	Faculty of Metallurgy, 2015	Technical sciences	Metallurgy	-	328,5	-

Teacher	Crosbi link	Grade*	Academic degree	HEI at which the teacher was appointed to grade, year of last appointment to grade	Field	Subject within the field	Cumulative employment percentage	Workload on the employer institution in standardised teaching hours	Workload on other institutions in standardised teaching hours
Stoja Reškovi	https://www.ib.irb.hr/pretraga/?q=Re%C5%A1kovi%C4%87%2C+Sto	full professor	doktor znanosti	Faculty of Metallurgy, 2016	Technical sciences	Metallurgy	-	360	-
Tahir Sofili	https://www.ib.irb.hr/pretraga/?q=Sofili%C4%87%2C+Tahir+%28	assistant professor	doktor znanosti	Faculty of Metallurgy, 2012	Technical sciences	Metallurgy	-	488,5	-
Zdenka Zovko Brodarac	https://www.ib.irb.hr/pretraga/?q=Zovko+Brodarac%2C+Zdenka+	associate professor	doktor znanosti	Faculty of Metallurgy, 2016	Technical sciences	Metallurgy	-	644,5	-
Anita Štrkalj	https://www.ib.irb.hr/pretraga/?q=%C5%A0trkalj%2C+Anita+%28	associate professor	doktor znanosti	Faculty of Metallurgy, 2015	Technical sciences	Metallurgy	-	533	-

*Scientific-teaching / artistic-teaching / teaching grade/ assistant/ postdoctoral researcher

Table 4.4. Teachers in study programs in the current academic year

Founding (221), professional undergraduate study programme

Teacher	Crosbi link	Grade*	Field	Subject within the field	Type of employment	Number of papers in the last 5 years that are considered for the appointment to grade	Total number of citations - indicate the source	Total h-index - indicate the source	Number of scientific projects as a leader and / or associate	Number of professional projects as leader and / or associate	Textbook Author - Number	Number of courses in the programme
Anita Begi Hadžipaši	https://www.bib.irb.hr/pretraga/?q=Begi%C4%87+Had%C5%BEipa%C	associate professor	Technical sciences	Metallurgy	Permanent employment - full-time	10	28 (Scopus)\n	4 (Scopus)\n	6	0	1	1
Anita Štrkalj	https://www.bib.irb.hr/pretraga/?q=%C5%A0trkalj%C2C+Anita+%28	associate professor	Technical sciences	Metallurgy	Permanent employment - full-time	23	29 (Scopus)\n	4 (Scopus)\n	5	0	3	1
Ankica Raenovi	https://www.bib.irb.hr/pretraga/?q=Ra%C4%91enovi%C4%87%C2C+An	full professor	Technical sciences	Metallurgy	Permanent employment - full-time	17	60 (Scopus)\n	4 (Scopus)\n	6	0	0	1
Damir Hršak	https://www.bib.irb.hr/pretraga/?q=Hr%C5%A1ak%C2C+Damir+%2822	full professor	Technical sciences	Metallurgy	Permanent employment - full-time	7	11 (Scopus)\n	2 (Scopus)\n	6	0	1	1

Teacher	Crosbi link	Grade*	Field	Subject within the field	Type of employment	Number of papers in the last 5 years that are considered for the appointment to grade	Total number of citations - indicate the source	Total h-index - indicate the source	Number of scientific projects as a leader and / or associate	Number of professional projects as leader and / or associate	Textbook Author - Number	Number of courses in the programme
Ivan Brnardi	https://www.bib.irb.hr/pretraga/?q=Brnardi%C4%87%2C+Ivan+%28	associate professor	Technical sciences	Chemical engineering	Permanent employment - full-time	21	359 (Scopus)\n	11 (Scopus)\n	9	0	2	1
Ivan Ivec	https://www.bib.irb.hr/pretraga/?q=Ivec%2C+Ivan+%28339756%29	assistant professor	Natural sciences	Mathematics	Permanent employment - full-time	3	8 (Scopus)\n	2 (Scopus)\n	5	0	0	1
Ivan Jandrli	https://www.bib.irb.hr/pretraga/?q=Jandri%C4%87%2C+Ivan+%283	assistant professor	Technical sciences	Metallurgy	Permanent employment - full-time	13	2 (Scopus)\n	1 (Scopus)\n	6	0	0	3
Ladislav Lazi	https://www.bib.irb.hr/pretraga/?q=Lazi%C4%87%2C+Ladislav+%28	full professors with tenure	Technical sciences	Metallurgy	Permanent employment - full-time	28	46 (Scopus)\n	4 (Scopus)\n	8	0	0	3
Maja Ivankovi	-	lecturer	Humanities	Language and Literature Studies (Philology)	Part-time teacher (temporary service contract)	-	-	-	-	-	-	2

Teacher	Crosbi link	Grade*	Field	Subject within the field	Type of employment	Number of papers in the last 5 years that are considered for the appointment to grade	Total number of citations - indicate the source	Total h-index - indicate the source	Number of scientific projects as a leader and / or associate	Number of professional projects as leader and / or associate	Textbook Author - Number	Number of courses in the programme
Martina Lovreni - Jugovi	https://www.bib.irb.hr/pretraga/?q=Lovreni%C4%87-Jugovi%C4%84	assistant professor	Technical sciences	Mechanical engineering	Permanent employment - full-time	13	1 (Scopus)\n	1 (Scopus)\n	5	0	0	2
Mirko Goji	https://www.bib.irb.hr/pretraga/?q=Goji%C4%87-%2C+Mirko+%2863	full professors with tenure	Technical sciences	Metallurgy	Permanent employment - full-time	62	196 (Scopus)\n	9 (Scopus)\n	8	0	0	4
Natalija Doli	https://www.bib.irb.hr/pretraga/?q=Doli%C4%87-%2C+Natalija+%2	associate professor	Technical sciences	Metallurgy	Permanent employment - full-time	29	17 (Scopus)\n	2 (Scopus)\n	6	0	2	1
Robert Pezer	https://www.bib.irb.hr/pretraga/?q=Pezer%C4%87-%2C+Robert+%28213706	associate professor	Natural sciences	Physics	Permanent employment - full-time	4	228 (Scopus)\n	9 (Scopus)\n	8	0	0	1

Teacher	Crosbi link	Grade*	Field	Subject within the field	Type of employment	Number of papers in the last 5 years that are considered for the appointment to grade	Total number of citations - indicate the source	Total h-index - indicate the source	Number of scientific projects as a leader and / or associate	Number of professional projects as leader and / or associate	Textbook Author - Number	Number of courses in the programme
Stjepan Kožuh	https://www.bib.irb.hr/pretraga/?q=Ko%C5%BEuh%2C+Stjepan+%28	associate professor	Technical sciences	Metallurgy	Permanent employment - full-time	50	63 (Scopus)\n	4 (Scopus)\n	9	0	1	4
Stoja Reškovi	https://www.bib.irb.hr/pretraga/?q=Re%C5%A1kovi%C4%87%2C+Sto	full professor	Technical sciences	Metallurgy	Permanent employment - full-time	16	4 (Scopus)\n	1 (Scopus)\n	8	0	1	2
Vladimir Grozdani	https://www.bib.irb.hr/pretraga/?q=Groz dani%C4%87%2C+Vladimi	associate professor	Technical sciences	Metallurgy	Permanent employment - full-time	4	12 (Scopus)\n	2 (Scopus)\n	5	0	1	2
Zdenka Zovko Brodarac	https://www.bib.irb.hr/pretraga/?q=Zovko+Brodarac%2C+Zdenka+	associate professor	Technical sciences	Metallurgy	Permanent employment - full-time	42	18 (Scopus)\n	3 (Scopus)\n	10	1	0	6

Teacher	Crosbi link	Grade*	Field	Subject within the field	Type of employment	Number of papers in the last 5 years that are considered for the appointment to grade	Total number of citations - indicate the source	Total h-index - indicate the source	Number of scientific projects as a leader and / or associate	Number of professional projects as leader and / or associate	Textbook Author - Number	Number of courses in the programme
Zoran Glavaš	https://www.bib.irb.hr/pretraga/?q=Glava%C5%A1%C2%2C+Zoran+%282	associate professor	Technical sciences	Metallurgy	Permanent employment - full-time	25	20 (Scopus)\n	3 (Scopus)\n	5	0	3	6

*Scientific-teaching / artistic-teaching / teaching grade

Table 4.4. Teachers in study programs in the current academic year

Metallurgy; specialisations in: Metallurgical Engineering, Industrial Ecology (222), undergraduate university study programme

Teacher	Crosbi link	Grade*	Field	Subject within the field	Type of employment	Number of papers in the last 5 years that are considered for the appointment to grade	Total number of citations - indicate the source	Total h-index - indicate the source	Number of scientific projects as a leader and / or associate	Number of professional projects as leader and / or associate	Textbook Author - Number	Number of courses in the programme
Anita Begi Hadžipaši	https://www.bib.irb.hr/pretraga/?q=Begi%C4%87+Had%C5%BEipa%C	associate professor	Technical sciences	Metallurgy	Permanent employment - full-time	10	28 (Scopus)\n	4 (Scopus)\n	6	0	1	2
Anita Štrkalj	https://www.bib.irb.hr/pretraga/?q=%C5%A0trkalj%C2C+Anita+%28	associate professor	Technical sciences	Metallurgy	Permanent employment - full-time	23	29 (Scopus)\n	4 (Scopus)\n	5	0	3	3
Ankica Raenovi	https://www.bib.irb.hr/pretraga/?q=Ra%C4%91enovi%C4%87%C2C+An	full professor	Technical sciences	Metallurgy	Permanent employment - full-time	17	60 (Scopus)\n	4 (Scopus)\n	6	0	0	3
Damir Hršak	https://www.bib.irb.hr/pretraga/?q=Hr%C5%A1ak%C2C+Damir+%2822	full professor	Technical sciences	Metallurgy	Permanent employment - full-time	7	11 (Scopus)\n	2 (Scopus)\n	6	0	1	3

Teacher	Crosbi link	Grade*	Field	Subject within the field	Type of employment	Number of papers in the last 5 years that are considered for the appointment to grade	Total number of citations - indicate the source	Total h-index - indicate the source	Number of scientific projects as a leader and / or associate	Number of professional projects as leader and / or associate	Textbook Author - Number	Number of courses in the programme
Ivan Brnardi	https://www.bib.irb.hr/pretraga/?q=Brnardi%C4%87%2C+Ivan+%28	associate professor	Technical sciences	Chemical engineering	Permanent employment - full-time	21	359 (Scopus)\n	11 (Scopus)\n	9	0	2	5
Ivan Ivec	https://www.bib.irb.hr/pretraga/?q=Ivec%2C+Ivan+%28339756%29	assistant professor	Natural sciences	Mathematics	Permanent employment - full-time	3	8 (Scopus)\n	2 (Scopus)\n	5	0	0	5
Ivan Jandri	https://www.bib.irb.hr/pretraga/?q=Jandri%C4%87%2C+Ivan+%283	assistant professor	Technical sciences	Metallurgy	Permanent employment - full-time	13	2 (Scopus)\n	1 (Scopus)\n	6	0	0	2
Ivan Lovrekovi	-	senior lecturer	Social sciences	Kinesiology	Part-time teacher (temporary service contract)	-	-	-	-	-	-	2
Ladislav Lazi	https://www.bib.irb.hr/pretraga/?q=Lazi%C4%87%2C+Ladislav+%28	full professors with tenure	Technical sciences	Metallurgy	Permanent employment - full-time	28	46 (Scopus)\n	4 (Scopus)\n	8	0	0	5

Teacher	Crosbi link	Grade*	Field	Subject within the field	Type of employment	Number of papers in the last 5 years that are considered for the appointment to grade	Total number of citations - indicate the source	Total h-index - indicate the source	Number of scientific projects as a leader and / or associate	Number of professional projects as leader and / or associate	Textbook Author - Number	Number of courses in the programme
Maja Ivankovi	-	lecturer	Humanities	Language and Literature Studies (Philology)	Part-time teacher (temporary service contract)	-	-	-	-	-	-	2
Martina Lovreni Jugovi	https://www.bib.irb.hr/pretraga/?q=Lovreni%20Jugovi	assistant professor	Technical sciences	Mechanical engineering	Permanent employment - full-time	13	1 (Scopus)\n	1 (Scopus)\n	5	0	0	4
Mirko Goji	https://www.bib.irb.hr/pretraga/?q=Goji%20Mirko	full professors with tenure	Technical sciences	Metallurgy	Permanent employment - full-time	62	196 (Scopus)\n	9 (Scopus)\n	8	0	0	6
Natalija Doli	https://www.bib.irb.hr/pretraga/?q=Doli%20Natalija	associate professor	Technical sciences	Metallurgy	Permanent employment - full-time	29	17 (Scopus)\n	2 (Scopus)\n	6	0	2	3
Robert Pezer	https://www.bib.irb.hr/pretraga/?q=Pezer%20Robert	associate professor	Natural sciences	Physics	Permanent employment - full-time	4	228 (Scopus)\n	9 (Scopus)\n	8	0	0	5

Teacher	Crosbi link	Grade*	Field	Subject within the field	Type of employment	Number of papers in the last 5 years that are considered for the appointment to grade	Total number of citations - indicate the source	Total h-index - indicate the source	Number of scientific projects as a leader and / or associate	Number of professional projects as leader and / or associate	Textbook Author - Number	Number of courses in the programme
Stjepan Kožuh	https://www.bib.irb.hr/pretraga/?q=Ko%C5%BEuh%2C+Stjepan+%28	associate professor	Technical sciences	Metallurgy	Permanent employment - full-time	50	63 (Scopus)\n	4 (Scopus)\n	9	0	1	7
Stoja Reškovi	https://www.bib.irb.hr/pretraga/?q=Re%C5%A1kovi%C4%87%2C+Sto	full professor	Technical sciences	Metallurgy	Permanent employment - full-time	16	4 (Scopus)\n	1 (Scopus)\n	8	0	1	2
Tahir Sofili	https://www.bib.irb.hr/pretraga/?q=Sofili%C4%87%2C+Tahir+%28	assistant professor	Technical sciences	Metallurgy	Permanent employment - full-time	10	151 (Scopus)\n	3 (Scopus)\n	5	0	8	6
Tamara Holjevac Grguri	https://www.bib.irb.hr/pretraga/?q=Holjevac+Grguri%C4%87%2C+	associate professor	Technical sciences	Chemical engineering	Permanent employment - full-time	35	96 (Scopus)\n	6 (Scopus)\n	8	0	1	4

Teacher	Crosbi link	Grade*	Field	Subject within the field	Type of employment	Number of papers in the last 5 years that are considered for the appointment to grade	Total number of citations - indicate the source	Total h-index - indicate the source	Number of scientific projects as a leader and / or associate	Number of professional projects as leader and / or associate	Textbook Author - Number	Number of courses in the programme
Vladimir Grozdani	https://www.bib.irb.hr/pretraga/?q=Grozdani%C4%87%2C+Vladimi	associate professor	Technical sciences	Metallurgy	Permanent employment - full-time	4	12 (Scopus)\n	2 (Scopus)\n	5	0	1	3
Zdenka Zovko Brodarac	https://www.bib.irb.hr/pretraga/?q=Zovko+Brodarac%2C+Zdenka+	associate professor	Technical sciences	Metallurgy	Permanent employment - full-time	42	18 (Scopus)\n	3 (Scopus)\n	10	1	0	2
Zoran Glavaš	https://www.bib.irb.hr/pretraga/?q=Glava%C5%A1%2C+Zoran+%282	associate professor	Technical sciences	Metallurgy	Permanent employment - full-time	25	20 (Scopus)\n	3 (Scopus)\n	5	0	3	3

*Scientific-teaching / artistic-teaching / teaching grade

Table 4.4. Teachers in study programs in the current academic year

Metallurgy (223), graduate university study programme

Teacher	Crosbi link	Grade*	Field	Subject within the field	Type of employment	Number of papers in the last 5 years that are considered for the appointment to grade	Total number of citations - indicate the source	Total h-index - indicate the source	Number of scientific projects as a leader and / or associate	Number of professional projects as leader and / or associate	Textbook Author - Number	Number of courses in the programme
Anita Begi Hadžipaši	https://www.bib.irb.hr/pretraga/?q=Begi%C4%87+Had%C5%BEipa%C	associate professor	Technical sciences	Metallurgy	Permanent employment - full-time	10	28 (Scopus)\n	4 (Scopus)\n	6	0	1	3
Anita Štrkalj	https://www.bib.irb.hr/pretraga/?q=%C5%A0trkalj%C2C+Anita+%28	associate professor	Technical sciences	Metallurgy	Permanent employment - full-time	23	29 (Scopus)\n	4 (Scopus)\n	5	0	3	2
Damir Hršak	https://www.bib.irb.hr/pretraga/?q=Hr%C5%A1ak%C2C+Damir+%282	full professor	Technical sciences	Metallurgy	Permanent employment - full-time	7	11 (Scopus)\n	2 (Scopus)\n	6	0	1	1
Ivan Brnardi	https://www.bib.irb.hr/pretraga/?q=Brnardi%C4%87%C2C+Ivan+%28	associate professor	Technical sciences	Chemical engineering	Permanent employment - full-time	21	359 (Scopus)\n	11 (Scopus)\n	9	0	2	1

Teacher	Crosbi link	Grade*	Field	Subject within the field	Type of employment	Number of papers in the last 5 years that are considered for the appointment to grade	Total number of citations - indicate the source	Total h-index - indicate the source	Number of scientific projects as a leader and / or associate	Number of professional projects as leader and / or associate	Textbook Author - Number	Number of courses in the programme
Ivan Ivec	https://www.bib.irb.hr/pretraga/?q=lvec%2C+lvan+%28339756%29	assistant professor	Natural sciences	Mathematics	Permanent employment - full-time	3	8 (Scopus)\n	2 (Scopus)\n	5	0	0	1
Ivan Jandri	https://www.bib.irb.hr/pretraga/?q=Jandri%C4%87%2C+lvan+%283	assistant professor	Technical sciences	Metallurgy	Permanent employment - full-time	13	2 (Scopus)\n	1 (Scopus)\n	6	0	0	5
Ladislav Lazi	https://www.bib.irb.hr/pretraga/?q=Lazi%C4%87%2C+Ladislav+%2	full professors with tenure	Technical sciences	Metallurgy	Permanent employment - full-time	28	46 (Scopus)\n	4 (Scopus)\n	8	0	0	6
Martina Lovreni - Jugovi	https://www.bib.irb.hr/pretraga/?q=Lovreni%C4%87-Jugovi%C4%8	assistant professor	Technical sciences	Mechanical engineering	Permanent employment - full-time	13	1 (Scopus)\n	1 (Scopus)\n	5	0	0	1

Teacher	Crosbi link	Grade*	Field	Subject within the field	Type of employment	Number of papers in the last 5 years that are considered for the appointment to grade	Total number of citations - indicate the source	Total h-index - indicate the source	Number of scientific projects as a leader and / or associate	Number of professional projects as leader and / or associate	Textbook Author - Number	Number of courses in the programme
Mirko Goji	https://www.bib.irb.hr/pretraga/?q=Goji%20%2C+Mirko+%202863	full professors with tenure	Technical sciences	Metallurgy	Permanent employment - full-time	62	196 (Scopus)\n	9 (Scopus)\n	8	0	0	3
Natalija Doli	https://www.bib.irb.hr/pretraga/?q=Doli%20%2C+Natalija+%20	associate professor	Technical sciences	Metallurgy	Permanent employment - full-time	29	17 (Scopus)\n	2 (Scopus)\n	6	0	2	2
Stjepan Kožuh	https://www.bib.irb.hr/pretraga/?q=Ko%20%2C+Stjepan+%20	associate professor	Technical sciences	Metallurgy	Permanent employment - full-time	50	63 (Scopus)\n	4 (Scopus)\n	9	0	1	7
Stoja Reškovi	https://www.bib.irb.hr/pretraga/?q=Re%20%2C+Stoja	full professor	Technical sciences	Metallurgy	Permanent employment - full-time	16	4 (Scopus)\n	1 (Scopus)\n	8	0	1	4

Teacher	Crosbi link	Grade*	Field	Subject within the field	Type of employment	Number of papers in the last 5 years that are considered for the appointment to grade	Total number of citations - indicate the source	Total h-index - indicate the source	Number of scientific projects as a leader and / or associate	Number of professional projects as leader and / or associate	Textbook Author - Number	Number of courses in the programme
Tamara Holjevac Grguri	https://www.bib.irb.hr/pretraga/?q=Holjevac+Grguri%C4%87%2C+	associate professor	Technical sciences	Chemical engineering	Permanent employment - full-time	35	96 (Scopus)\n	6 (Scopus)\n	8	0	1	5
Vladimir Grozdani	https://www.bib.irb.hr/pretraga/?q=Grozdani%C4%87%2C+Vladimi	associate professor	Technical sciences	Metallurgy	Permanent employment - full-time	4	12 (Scopus)\n	2 (Scopus)\n	5	0	1	2
Zdenka Zovko Brodarac	https://www.bib.irb.hr/pretraga/?q=Zovko+Brodarac%2C+Zdenka+	associate professor	Technical sciences	Metallurgy	Permanent employment - full-time	42	18 (Scopus)\n	3 (Scopus)\n	10	1	0	4
Zoran Glavaš	https://www.bib.irb.hr/pretraga/?q=Glava%C5%A1%2C+Zoran+%282	associate professor	Technical sciences	Metallurgy	Permanent employment - full-time	25	20 (Scopus)\n	3 (Scopus)\n	5	0	3	3

*Scientific-teaching / artistic-teaching / teaching grade

Table 4.5. Total mobility of teachers and associates in the last five academic years

Type of mobility	Outgoing mobility		Incoming mobility	
	up to 3 months	3 and more months	up to 3 months	3 and more months
Teaching	7	0	2	0
Professional	12	0	0	0
In Arts	0	0	0	0
Research	75	0	13	0

Table 4.6. Total mobility of non-teaching staff in the last five academic years

Number of professional visits of non-teaching staff to HEIs abroad		
1 - 3 months	3 - 6 months	6 and more months
7	0	0

Table 4.7. Projects related to mobility and higher education in the last five academic years

Project (name)	Interval duration of the project	Source of financing	The role of HEI in the project (eg. the holder, coordinator, partner)	The total amount allocated to the HEI (HRK)	Total project amount (HRK)
CIII-AT-1102-01: RAMSIS - Raw Materials Smart Innovation Strategies in the ESEE Region	01.10.2016 - 30.09.2018	EU (Europska unija)	partner	0	0
Inženjerstvo materijala - temelj inovativne ekonomije- INMAT	01.07.2015 - 01.09.2016	ESF (Europski socijalni fond)	partner	90.000	761.850

Table 4.8. Space

		number/number of computers	square meters
A	Classrooms	6 / 6	339
B	Teaching laboratories/practicums	7 / 6	1.071
C	Worksites	- / -	-
C	Computer classrooms	1 / 25	72
C	Scientific laboratories	7 / 6	1.071
C	Rooms for student activities	1 / 2	41
D	Teaching offices	14 / 25	338
	TOTAL	36 / 70	2.932

Table 4.9. Capital equipment

(Provide information on the available capital equipment of a HEI whose purchase value exceeds 200,000 HRK)

Name of the instrument (equipment)	Purchase value (HRK)	Year of purchase
Optički mikroskop Olympus GX51 sa sustavom za automatsku obradu slike Analysis Materials Research Lab.	378.278,97	2003
Pretražni elektronski mikroskop (SEM) Tescan, 2008, Vega TS 5136 MM	1.010.150,85	2007
Diferencijalni pretražni kalorimetar/ Termogravimetar (DSC/TG) Diferencijalni toplinski analizator/ termogravimetar (DTA/TG) Netzsch, Jupiter STA 449F1	754.811,97	2008
Energijsko disperzivni spektrometar (EDS) Bruker	460.235,24	2008
Potencijostat/Galvanostat/FRA Parstat 2273 „AMETEK“	325.557,73	2008
Atomski apsorpcijski spektrometar (GF-AAS) ZEE nit 650 „AnalytikJena“	299.992,13	2010

Table 4.10. Library equipment

(Provide information for HEI's library, if available)

Total area (in m2)	90
Number of professional library staff employed (HEI)	1
Total number of book volumes	11.750
Reading room within the library (number of seats / square metres)	8 / -
Total number of compulsory literature textbooks (titles)	108
Total number of compulsory literature textbooks (volumes)	690
Total number of printed foreign journals in the library	38
Total number of printed national journals in the library	12
Number of electronic journals with full texts provided by the institution	0
The number of bibliographic databases provided and financed by the university / institution	0

Table 4.11 Financial evaluation - income

		2016 calendar year (HRK)	2017 calendar year (HRK)
	INCOME		
1.	STATE BUDGET INCOME	7.196.791,51	7.430.888,47
1.1.	Staff salaries	6.590.599,36	7.003.764,02
1.2.	Operational costs (including fieldwork)	250.000	0
1.4.	Adjunct/visiting teaching staff costs	620,45	0
1.4.	National scientific projects	97.000	134.275,93
1.5.	International scientific projects	11.340	11.250
1.6.	International cooperation	22.627,98	23.283,91
1.7.	Organization of academic conferences	54.449,4	17.000
1.8.	Journal subscription fees	-	-
1.9.	Maintenance	-	-
1.10.	Capital investments (buildings), investments mai	-	-
1.11.	Equipment	-	-
1.12.	Total income from other sources	170.154,32	241.314,61
2.	OTHER PUBLIC BUDGET INCOME	262.751,47	437.348,28
2.1.	Income and support by local authorities (town, city, county etc.)	75.000	52.000
2.2.	Income and support by other institutions (such as the National Science Foundation)	187.751,47	345.385,47
2.3.	Total income from other types of sources (specify sources and amounts)	-	39.962,81
3.	INTEREST INCOME	685,93	218,48
4.	OWN ACTIVITY INCOME	6.080	-
4.1.	Tuition fees - postgraduate specialist	-	-
4.2.	Tuition fees - postgraduate doctoral	6.080	-
4.3.	Scientific projects	-	-
4.4.	Professional projects	-	-
4.5.	Rental income	-	-
4.6.	Total income from other sources (specify sources and amounts)	-	-
5.	SPECIAL REGULATION INCOME	529.181,15	566.015,83
5.1.	Tuition fees - undergraduate, graduate, professional	512.476,15	542.935,83
5.2.	Additional knowledge or skills testing (if implemented in addition to State Graduation Exam)	-	-
5.3.	Enrolment fees	13.700	14.300
5.4.	Publishing	1.325	680
5.5.	Administrative fees (charging various forms, diplomas, certificates etc.)	1.680	8.100
5.6.	Total income from other sources (specify)	-	-
6.	OTHER (UNSPECIFIED) INCOME	367.176,6	254.115,86
A	TOTAL OPERATING INCOME	8.362.666,66	8.688.586,92

Table 4.12 Financial evaluation - expenses

		2016 calendar year (HRK)	2017 calendar year (HRK)
	EXPENSES		
1.	EMPLOYEE EXPENSES	6.466.167,74	6.881.157,48
1.1.	Staff salaries	6.449.782,39	6.865.307,92
1.2.	Adjunct/visiting teaching staff costs	11.835,35	7.624,56
1.3.	Total remaining expenditure	4.550	8.225
2.	MATERIAL AND ENERGY EXPENSES	375.627,88	293.800,98
2.1.	Office supplies and other material costs	37.317,05	89.725,46
2.2.	Laboratory supplies	80.483,86	4.947,75
2.3.	Energy	60.005,08	49.861,8
2.4.	Equipment and material for scheduled and investment maintenance	12.318,22	3.408,35
2.5.	Small inventory	1.765,37	5.481,8
2.6.	Total remaining expenditure	183.738,3	140.375,82
3.	SERVICE EXPENSES	747.319,76	389.632,06
3.1.	Telephone and postal costs, transport costs	16.063,4	13.621,87
3.2.	Scheduled and investment maintenance services	26.100,35	37.833,66
3.3.	Information and promotion	40.120,51	44.216,19
3.4.	Communal services	146.979,83	136.462,3
3.5.	Leasing, rent	-	-
3.6.	Intellectual and personal services (fees, contracts)	439.788,9	78.614,49
3.7.	IT services	27.500	22.800
3.8.	Total remaining expenditure (specify)	50.766,77	56.083,55
4.	NON-FINANCIAL ASSETS EXPENSES	64.857,24	105.157,49
4.1.	Facilities	-	-
4.2.	IT equipment	31.763,97	66.784,71
4.3.	Laboratory equipment	20.950	27.431,43
4.4.	Office equipment	9.525,15	1.149
4.5.	Communication equipment	-	3.898
4.6.	Other equipment	-	5.394,34
4.7.	Reading materials (books, journals etc.)	2.618,12	500,01
4.8.	Investment in machines, production facilities and other equipment	-	-
4.9.	Additional investment in buildings	-	-
4.10.	Total remaining expenditure	-	-
5.	EMPLOYEE REIMBURSEMENT	596.928,64	626.354,56
5.1.	Travel costs	420.293,23	406.851,28
5.2.	Training costs	23.273,77	62.394,59
5.3.	Other staff costs (specify) including transport costs	153.361,64	157.108,69
6.	OTHER (UNSPECIFIED) OPERATING EXPENSES	79.512,83	45.830,01
6.1.	Insurance premiums	10.304,99	10.095,98
6.2.	Representation costs	33.067,58	21.428,13
6.3.	Membership fees	6.022,75	6.060
6.4.	Bank costs	6.912,65	6.300,9
6.5.	Interest	-	-
6.6.	Other financial costs	23.204,86	1.945

		2016 calendar year (HRK)	2017 calendar year (HRK)
B	TOTAL OPERATING EXPENSES	8.330.414,09	8.341.932,58
C	Bottom line carried over from the last year	391.238,43	423.491
	UKUPNO STANJE 31.12. (A-B+C)	423.491	770.145,34

TABLE WITHIN THE TOPIC 5 - SCIENTIFIC / ARTISTIC AND PROFESSIONAL ACTIVITIES

Table 5.1 Bibliography (in the last 5 years)

Type of publication*	Total number of publications	Number of publications that were the result of collaboration with other HEIs and scientific organisations	Ratio: Number of publications/number of teachers/5 years
Publications of the highest category according to the Ordinance on Appointment to Scientific Grades	59	51	0,62
Other publications according to the Ordinance on Appointment to Scientific Grades	54	46	0,57
Authorship of books published abroad	0	0	0
Authorship of books published in Croatia	1	0	0,01
Chapters in books	3	3	0,03
Editorship of books	2	1	0,02
Professional papers	21	13	0,22
Peer-reviewed publications from scientific and professional events/conferences/in proceedings of scientific and professional events/conferences	220	170	2,32
Number of publications of HEI's teachers in HEI's own journals	0	0	0
Number of citations for HEI (specify the source database, not including self-citations)	134 (Web of Science Core Collection) 111 (Scopus)		
Total h-index citations for HEI (specify the source database, not including self-citations)	15 (Web of Science Core Collection) 14 (Scopus)		
Link to Crosbi or a citation database with a comprehensive overview for a HEI (works in WoS, Scopus)	https://www.bib.irb.hr/pretraga/?q=Metalur%C5%A1ki+fakultet%2C+Sisak+%28124%29&by=institution		

*national and international

- The data on the HEI 's papers are entered in the table.
- Only data on peer-reviewed papers are entered in the table.
- Papers authored by several teachers of a HEI are indicated only once.
- For citations, state the total number and the citation database.
- For h-index, state the total number and the citation database.

Table 5.2. Bibliography of artists (in the last 5 years)

ARTISTIC PRODUCTIVITY	Total
Number of complex artworks defined as extraordinary achievements with international merit	-
Number of complex artworks defined as extraordinary achievements with national merit	-
Number of artworks premired at artistic events with international merit	-
Number of artworks premired at artistic events with national merit	-
Number of artworks premired with reviews published	-
Number of artworks premired	-
Authorship of books published abroad	-
Authorship of books published in Croatia	-

Table 5.3.a Scientific projects in the last 5 years*

Project (name)	Project interval duration**	Source of financing	The role of HEI in the project (eg. holder, coordinator, partner)	Total amount allocated to HEI (HRK)	Total project amount (HRK)
European network for the promotion of portable, affordable and simple analytical platforms (portASAP), COST Action CA16215	03.10.2017 - 02.10.2021	COST (European Cooperation in Science and Technology)	partner	4.638,75	1.008.450
Kratkoro ne financijske potpore istraživanju (5)	26.06.2017 - 31.12.2017	Sveu ilište u Zagrebu	holder	135.435,6	135.435,6
Istraživanja po etka plasti nog toka metala kod hladne deformacije	01.03.2017 - 30.11.2019	HRZZ	holder	156.850	416.850
Proizvodnja željeza uz rijeku Dravu u antici i srednjem vijeku: stvaranje i transfer znanja, tehnologija i roba	01.03.2017 - 28.02.2021	HRZZ	partner	0	600.000
Ciljana izrada prototipa vlaknastog nosa a za uzgoj tkivnih stanica	01.01.2017 - 01.01.2020	HRZZ	partner	7.500	985.337,92
Kratkoro ne financijske potpore istraživanju (5)	14.06.2016 - 31.12.2016	Sveu ilište u Zagrebu	holder	97.000	97.000
Multi-Functional Nano-Carbon Composite Materials Network (MultiComp), COST Action CA15107	07.04.2016 - 06.04.2020	COST (European Cooperation in Science and Technology)	partner	14.329,45	3.697.650
Centar za ljevarstvo-SIMET	01.03.2016 - 31.10.2016	EFRR	holder	409.333,33	409.333,33
Razvoj i karakterizacija inovativnih legura s prisjetljivoš u oblika Cu-Al-Mn-Me (Me=Ag, Au, Ce) (Hrvatsko-srpski znanstveno-istraživa ki projekt)	01.01.2016 - 31.12.2017	MZO (Ministarstvo znanosti i obrazovanja RH)	holder	22.500	22.500
Topološka svojstva opti kih i fotoni kih rešetki (Hrvatsko-srpski znanstveno-istraživa ki projekt)	01.01.2016 - 31.12.2017	MZO (Ministarstvo znanosti i obrazovanja RH)	partner	0	12.000

Project (name)	Project interval duration**	Source of financing	The role of HEI in the project (eg. holder, coordinator, partner)	Total amount allocated to HEI (HRK)	Total project amount (HRK)
ZCI za kvantne i kompleksne sustave te reprezentaciju Liejevih algebri: Istraživanje kvantnih i kompleksnih sustava - QuantiX; Istraživanje teorije brojeva i pridružene strukture (Centar izvrsnosti)	11.12.2015 -	MZO (Ministarstvo znanosti i obrazovanja RH)	partner	0	36.956.624,09
Kratkoro ne financijske potpore istraživanju (5)	15.08.2015 - 31.12.2015	Sveu ilište u Zagrebu	holder	96.540,38	96.540,38
Dizajniranje mikrostrukture i funkcionalnih svojstava legura s prisjetljivosti oblika na bazi bakra	01.07.2015 - 30.06.2019	HRZZ	holder	606.906,94	833.400
European network for innovative recovery strategies of rare earth and other critical metals from electrical and electronic waste, COST Action ES1407	25.03.2015 - 24.03.2019	COST (European Cooperation in Science and Technology)	partner	6.281,17	540.000
Kratkoro ne financijske potpore istraživanju (5)	15.08.2014 - 31.12.2014	Sveu ilište u Zagrebu	holder	328.236,09	328.236,09
Višeskalno numeričko modeliranje deformiranja materijala od makro do nanorazine	15.07.2014 - 14.07.2018	HRZZ	partner	10.868	959.719,2
Karakterizacija sustava obloga valjaka za ko enje	05.02.2014 - 05.02.2017	Centar motor d.o.o. Široki Brijeg, BiH	partner	0	178.800
Kratkoro ne financijske potpore istraživanju (6)	15.10.2013 - 30.06.2014	Sveu ilište u Zagrebu	holder	245.000	245.000
Electrospun nano-fibers for bio inspired composite materials and innovative industrial applications, COST Action MP1206	01.06.2013 - 31.05.2017	COST (European Cooperation in Science and Technology)	partner	0	2.970.800

Project (name)	Project interval duration**	Source of financing	The role of HEI in the project (eg. holder, coordinator, partner)	Total amount allocated to HEI (HRK)	Total project amount (HRK)
Conceiving Wastewater Treatment in 2020 - Energetic, environmental and economic challenges (Water_2020), COST Akcion ES1202	21.11.2012 - 20.11.2016	COST (European Cooperation in Science and Technology)	partner	27.540,9	4.429.938,66
Tehnologije izrade i toplinske obrade elin poluproizvoda za automobilsku industriju (Hrvatsko-slovenski znanstveno-istraživački projekt)	01.01.2012 - 31.12.2013	MZO (Ministarstvo znanosti i obrazovanja RH)	holder	8.404	16.705
Composites of Inorganic Nanotubes and Polymers (COINAPO), COST Actoin MP0902	06.11.2009 - 05.11.2013	COST (European Cooperation in Science and Technology)	partner	18.842,7	2.762.111,68
Energetska uinkovitost i kvaliteta proizvoda u plastinoj deformaciji metala	02.01.2007 - 01.07.2013	MZO (Ministarstvo znanosti i obrazovanja RH)	holder	526.659,19	526.659,19
Okolišem potpomognuta degradacija metala i adsorpcija na otpadnim C-materijalima	02.01.2007 - 01.07.2013	MZO (Ministarstvo znanosti i obrazovanja RH)	holder	554.344,8	554.344,8
Skruivanje metalnih odljevaka	02.01.2007 - 01.07.2013	MZO (Ministarstvo znanosti i obrazovanja RH)	holder	663.000	663.000
Struktura, svojstva i separacija metalnih materijala	02.01.2007 - 01.07.2013	MZO (Ministarstvo znanosti i obrazovanja RH)	holder	521.338,41	521.338,41
Utjecaj visokotemperaturnih procesa na svojstva visokolegiranih elika	02.01.2007 - 01.07.2013	MZO (Ministarstvo znanosti i obrazovanja RH)	holder	293.327,2	293.327,2

*In reverse order, starting from the most recent projects including those which are not yet completed.

**Project start and end date (month and year).

Table 5.3.b Professional/Commercial projects in the last 5 years*

Project (name)	Project interval duration**	Source of financing	The role of HEI in the project (eg. holder, coordinator, partner)	Total amount allocated to HEI (HRK)	Total project amount (HRK)
-	-	-	-	-	-

*In reverse order, starting from the most recent projects including those which are not yet completed.

**Project start and end date (month and year).

Table 5.4. Work in conference organizational committees in the last 5 years

Conference (name)	Organizer	Year	Number of persons involved in organization	Number of participants
10th International Conference Preparation of Ceramic Materials, Herlany, Slovakia	Technical University of Kosice Faculty of Metallurgy(304107)	2013	1	66
13th International Foundrymen Conference: Innovative Foundry Processes and Materials, Opatija, Hrvatska	Faculty of Metallurgy(124)	2013	10	180
13th International Scientific Conference Energy Transformation in Industry, High Tatras-Ra kova Dolina, Slovakia	Technical University of Kosice Faculty of Metallurgy(304107)	2013	1	158
45th International October Conference on Mining and Metallurgy, IOC 2013, Bor, Serbia	University of Belgrade Technical Faculty in Bor(304108)	2013	2	200
53nd International Foundry Conference, Portorož, Slovenia	Slovenian Foundrymen Society(304109)	2013	1	250
International Conference on Materials, Tribology, Recycling, MATRIB 2013, Vela Luka, Hrvatska	Croatian society for materials and tribology(303964)	2013	1	71
XXI International Scientific and Professional Meeting Ecological Truth, Ecolst'13, Bor, Serbia	University of Belgrade Technical Faculty in Bor(304108)	2013	1	75
10th Scientific /Research Symposium with International Participation Metallic and Nonmetallic Materials, Bugojno, BIH	University of Zenica, Faculty of Metallurgy and Materials Science(304111)	2014	1	150
14th International Foundrymen Conference: Development and Optimization of the Castings Production Processes, Opatija, Hrvatska	Faculty of Metallurgy(124)	2014	6	151
46th International October Conference of Mining and Metallurgy, IOC 2014, Bor, Serbia	University of Belgrade Technical Faculty in Bor(304108)	2014	2	200
54th International Foundry Conference, Portorož, Slovenia	Slovenian Foundrymen Society(304109)	2014	1	250

Conference (name)	Organizer	Year	Number of persons involved in organization	Number of participants
International Conference on Materials, Tribology, Recycling MATRIB 2014, Vela Luka, Hrvatska	Croatian society for materials and tribology(303964)	2014	1	84
XVII International Conference Heat Engineering, Energy and Environment in Metallurgy, Dnepr, Ukraine	Ministry of Education and Science of Ukraine(304110)	2014	1	256
XXII International Conference Ecological Truth, Ecolst'14, Bor, Serbia	University of Belgrade Technical Faculty in Bor(304108)	2014	2	75
11th International Conference Preparation of Ceramic Materials, Herlany, Slovakia	Technical University of Kosice Faculty of Metallurgy(304107)	2015	1	39
14th Internatial Scientific Conference: Energy Transformations in Industry (ETil 2015), Stara Lubovna, Slovakia	Technical University of Kosice Faculty of Metallurgy(304107)	2015	1	147
3rd Central & Eastern European Conference on Thermal Analysis and Calorimetry, Ljubljana, Slovenia	Central and Eastern European Committee for Thermal Analysis and Calorimetry(304112)	2015	2	300
47th International October Conference on Mining and Metallurgy, IOC 2015, Bor, Serbia	Mining and Metallurgy Institute Bor(304114)	2015	2	110
55th International Foundry Conference, Portorož, Slovenia	Slovenian Foundrymen Society(304109)	2015	1	250
Metallurgical & Materials Engineering Congress of South-East Europe 2015, Belgrade, Serbia	Association of Metallurgical Engineers of Serbia(304113)	2015	2	95
SPark: Conservation of Sculpture Parks, Sisak, Hrvatska	Arts Academy(215)	2015	1	52
Topological effects and synthetic gauge/magnetic fields for atoms and photons, Zagreb, Hrvatska	Institute of Physics(100841)	2015	1	59
XXIII International Conference Ecological Truth Ecolst'15, Kopaonik, Serbia	University of Belgrade Technical Faculty in Bor(304108)	2015	2	75
11th Scientific /Research Symposium with International Participation Metallic and Nonmetallic Materials, Zenica, BIH	University of Zenica, Faculty of Metallurgy and Materials Science(304111)	2016	1	130

Conference (name)	Organizer	Year	Number of persons involved in organization	Number of participants
15th International Foundrymen Conference: Innovation: The Foundation of Competitive Casting Production, Opatija, Hrvatska	Faculty of Metallurgy(124)	2016	13	155
3th International Student Conference on Technical Science, Bor, Serbia	University of Belgrade Technical Faculty in Bor(304108)	2016	2	50
48th International October Conference on Mining and Metallurgy IOC 2016, Bor, Serbia	Mining and Metallurgy Institute Bor(304114)	2016	2	120
56th International Foundry Conference, Portorož, Slovenia	Slovenian Foundrymen Society(304109)	2016	1	250
OPMR2016 - Opportunities in processing of metal resources conference", Budapest, Hungary	University of Miskolc, Hungary(304115)	2016	1	100
XXIV International Conference Ecological Truth, Ecolst'16, Vrnja ka Banja, Serbia	University of Belgrade Technical Faculty in Bor(304108)	2016	2	75
16th International Foundrymen Conference Global Foundry Industry - Perspectives for the Future, Opatija, Hrvatska	Faculty of Metallurgy(124)	2017	14	140
49th International October Conference on Mining and Metallurgy Proceedings, IOC 2017, Bor Lake, Serbia	University of Belgrade Technical Faculty in Bor(304108)	2017	2	230
4th Central and Eastern European Conference on Thermal Analysis and Calorimetry", Chisinau/Kishinev, Moldova	Central and Eastern European Committee for Thermal Analysis and Calorimetry(304112)	2017	2	400
4th International Student Conference on Technical Science, Bor, Serbia	University of Belgrade Technical Faculty in Bor(304108)	2017	5	53
57th International Foundry Conference" Portorož, Slovenia	Slovenian Foundrymen Society(304109)	2017	1	250
Conference for Metrology and Quality in Production Engineering and Environmental Protection ETIKUM, Novi Sad, Serbia	N/A(101117)	2017	1	80

Conference (name)	Organizer	Year	Number of persons involved in organization	Number of participants
International Conference - Materials, Tribology, Recycling MATRIB 2017, Vela Luka, Hrvatska	N/A(303691)	2017	2	50
Metallurgical & Materials Engineering Congress of South-East Europe 2017", Belgrade, Serbia	Association of Metallurgical Engineers of Serbia(304113)	2017	2	95
XIIIth International Conference Preparation of Ceramic Materials, Jahodná at Košice, Slovakia	Technical University of Kosice Faculty of Metallurgy(304107)	2017	1	36
XVIII International Conference Heat Engineering, Energy and Environment in Metallurgy, Dnepr, Ukraine	Ministry of Education and Science of Ukraine(304110)	2017	1	289
XXV International Conference Ecological Truth, Ecolst'17, Vrnja ka Banja, Serbia	University of Belgrade Technical Faculty in Bor(304108)	2017	2	70

Table 5.5. Editorship in journals in the last 5 years

Journal	Publisher, place	Type of participation of the member of HEI's academic staff (chief editor / member of editorial board, etc.)	Citation database or national classification (A1/2, A,B,C)	Q of the journal (link to JCR, SCImago) or Crosbi link
Ljevarstvo	Hrvatsko udruženje za ljevarstvo, Zagreb	uredni ki odbor	Chemical Abstracts, B	-
Metallurgical and Materials Engineering	Association of Metallurgical Engineers of Serbia, Beograd	uredni ki odbor	C	https://metall-mater-eng.com/index.php/home
Selected Scientific Papers – Journal of Civil Engineering	Technical University of Kosice, Faculty of Civil Engineering, Košice	uredni ki odbor	C	https://www.svf.tuke.sk/ssp/index.php/home/
The Holistic Approach to Environment	Udruga za promicanje cjelovitog pristupa okolišu, Zagreb	glavni urednik	Chemical Abstracts, B	http://hrcak.srce.hr/hae
The Holistic Approach to Environment	Udruga za promicanje cjelovitog pristupa okolišu, Zagreb	uredni ki odbor	Chemical Abstracts, B	http://hrcak.srce.hr/hae