

На основу чл. 5. и 9. Пословника о раду Наставно-научног већа Техничког факултета у Бору,

з а к а з у ј е м

XXV СЕДНИЦУ

НАСТАВНО-НАУЧНОГ ВЕЋА Техничког факултета у Бору за **ЧЕТВРТАК**
14. 02. 2019. године, са почетком у **12.00** часова у сали **3**, за коју предлагем следећи

Дневни ред:

1. Усвајање записника са XXIV седнице;
2. Разматрање Извештаја о финансијском пословању Факултета за период 01. 01. 2018. године до 31. 12. 2018. године - подносилац извештаја: проф. др Радоје Пантовић, продекан за финансије;
3. Разматрање и усвајање Извештаја Комисије за обезбеђење и унапређење квалитета о оцени НИР-а у 2018. години – подносилац извештаја, председник Комисије: проф. др Саша Стојадиновић и Прodeкан за НИР и МС проф. др Дејан Таникић;
4. Разно.

ИЗБОРНО ВЕЋЕ

1. Разматрање предлога Катедре за Хемију, хемијску технологију и хемијско инжењерство о покретању поступка и доношење Одлуке о расписивању конкурса за избор једног универзитетског наставника у звању ванредног професора за ужу научну област Хемија, хемијска технологија и хемијско инжењерство, на одређено време и са пуним радним временом. Предлаже се Комисија за писање реферата у саставу:
 1. Др Милан Антонијевић, редовни професор Техничког факултета у Бору - председник;
 2. Др Снежана Милић, редовни професор Техничког факултета у Бору - члан;
 3. Др Миомир Павловић, научни саветник Института за хемију, технологију и металургију у Београду;
2. Разно.

Председник

Наставно-научног већа и

Изборног већа

Д е к а н

Проф. др Нада Штрбац

ЗАПИСНИК
СА XXIV СЕДНИЦЕ НАСТАВНО НАУЧНОГ ВЕЋА
Техничког факултета у Бору, одржане 30. 01. 2019. године
са почетком у 13 часова, у сали 3.

Седници присуствују: декан, проф. др Нада Штрбац, продекан за наставу, проф. др Драган Манасијевић, продекан за финансије, проф. др Радоје Пантовић, продекан за научно-истраживачки рад и међународну сарадњу, проф. др Дејан Таникић, проф. др Драгослав Гусковић, проф. др Милан Трумић, проф. др Витомир Милић, проф. др Иван Михајловић, проф. др Милован Вуковић, проф. др Грозданка Богдановић, проф. др Дејан Ризнић, проф. др Ивана Ђоловић, проф. др Јелена Ђоковић, проф. др Снежана Шербула, проф. др Снежана Урошевић, проф. др Снежана Милић, проф. др Светлана Иванов, проф. др Миодраг Жикић, проф. др Иван Јовановић, проф. др Мира Цоцић, проф. др Јовица Соколовић, проф. др Срба Младеновић, проф. др Слађана Алагић, проф. др Драгиша Станујкић, проф. др Исидора Милошевић, проф. др Милица Величковић, проф. др Предраг Ђорђевић, проф. др Владимир Деспотовић, проф. др Љубиша Балановић, проф. др Саша Стојадиновић, доц. др Дарко Коцев, доц. др Ана Симоновић, доц. др Дејан Петровић, доц. др Александра Митовски, доц. др Ненад Милијић, доц. др Марија Панић, доц. др Данијела Воза, доц. др Маја Нујкић, доц. др Ана Радојевић, доц. др Жаклина Тасић, наставник енглеског језика Мара Манзаловић, наставник енглеског језика Сандра Васковић, наставник енглеског језика Славица Стевановић, асист. Бобан Спаловић, асист. Ивица Николић, асист. Милена Јевтић, асист. Драгана Медић, асист. Анђелка Стојановић, асист. Јелена Милосављевић, асист. Владимир Николић, асист. Иван Ђорђевић, асист. Бранислав Иванов, асист. Младен Радовановић, асист. Драгана Мариловић.

Одсутни: проф. др Милан Антонијевић, проф. др Ненад Вушовић, проф. др Зоран Стевић, проф. др Дејан Богдановић, проф. др Чедомир Малуцков, проф. др Ђорђе Николић, проф. др Саша Марјановић, проф. др Весна Грекуловић, проф. др Милан Радовановић, доц. др Ивана Марковић, доц. др Маја Трумић, доц. др Милан Горгиевски, доц. др Зоран Штирбановић, доц. др Александра Федајев, доц. др Санела Арсић, наставник енглеског језика Ениса Николић, асист. Урош Стаменковић, асист. Јелена Иваз, асист. Јасмина Петровић, асист. Саша Калиновић, асист. Милица Бошковић и асист. Миљана Митровић

Седници присуствује и Наташа Миленковић, дипл. правник.

Седницом председава декан, проф. др Нада Штрбац.

Констатовано је да седници присуствује 55 од 77 чланова Већа из реда наставника и сарадника и да постоји кворум за пуноважно одлучивање.

Усвојен је следећи:

Дневни ред:

1. Усвајање записника са XXIII седнице;
2. Предлог измена и допуна Одлуке о покривености наставе у школској 2018/2019. години на студијским програмима: Металуршко инжењерство и Технолошко инжењерство;
3. Формирање Комисије за оцену и одбрану докторске дисертације кандидата: Ивице Николића, мастер инжењера менаџмента;
4. Разно.

ИЗБОРНО ВЕЋЕ

1. Разматрање:

- Реферата Комисије за избор једног универзитетског сарадника у звању асистента за ужу научну област Хемија, хемијска технологија и хемијско инжењерство, предложени кандидат је Александра Паплудис, мастер технолошког инжењерства;
- Примедбе на Реферат пријављеног кандидата Санеле Божиновић, мастер инжењера технологије;
- Одговор Комисије за писање реферата на примедбе пријављеног кандидата;

2. Разно.

Тачка 1.

Записник са 23. седнице Наставно научног већа усвојен је једногласно.

Тачка 2.

Након образложења декана, проф. др Наде Штрбац, Наставно научно веће Факултета једногласно је донело Одлуку о изменама и допунама покривености наставе у школској 2018/2019. години на студијским програмима: **Металуршко инжењерство - основне академске студије и Технолошко инжењерство - основне академске студије.**

Тачке 3.

Након образложења декана, проф. др Наде Штрбац, Наставно научно веће Факултета једногласно је донело Одлуку о формирању комисије за оцену и одбрану докторске дисертације кандидата Ивице Николић, мастер инжењера менаџмента, студента докторских академских студија на студијском програму Инжењерски менаџмент, под називом: **„Моделовање утицајних параметара за рангирање технолошких процеса пирометалуршке екстракције бакра применом метода вишекритеријумске анализе”** у саставу:

1. др Исидора Милошевић, ванредни професор Техничког факултета у Бору, ментор;
2. др Весна Спасојевић Бркић, ванредни професор Машинског факултета у Београду, члан;
3. др Иван Михајловић, редовни професор Техничког факултета у Бору, члан.

Тачка 4.

По овој тачки дневног реда није било дискусије.

ПРЕДСЕДНИК
НАСТАВНО НАУЧНОГ ВЕЋА
ДЕКАН

Проф. др Нада Штрбац

ИЗБОРНО ВЕЋЕ XXIV СЕДНИЦЕ НАСТАВНО НАУЧНОГ ВЕЋА

Записник Изборног већа са седнице одржане дана 30. 01. 2019. године

1. Разматран је Реферат Комисије за избор универзитетског сарадника у звању асистента за ужу научну област Хемија, хемијска технологија и хемијско инжењерство, приговор пријављеног кандидата Санеле Божиновић, мастер инж. технолог., као и одговор Комисије за писање реферата. Већином гласова, усвојен је Реферат Комисије за писање реферата и донета је Одлука о избору у звање и заснивању радног односа, са пуним радним временом, кандидата Александре Паплудис, мастер инж. технологије, студента докторских академских студија студијског програма Технолошко инжењерство. Изборно веће Факултета броји 77 чланова, од 55 присутних чланова „за“ усвајање Реферата Комисије гласало је 54 чланова, док је 1 члан био „уздржан“.
2. Под тачком разна није било дискусије.

Председник
Наставно-научног већа и
Изборног већа
Д е к а н

Проф. др Нада Штрбац

ФИНАНСИЈСКИ ИЗВЕШТАЈ ЗА ПЕРИОД 01.01.-31.12. 2018. ГОДИНЕ

У периоду од 01.01.2018. до 31.12.2018. године Технички факултет у Бору је остварио следеће приходе и расходе:

Табела 1. Преглед прихода

Кonto		2017	ПЛАН 2018	ОСТВАРЕЊЕ 2018	Буџет	Сопствени приходи	Пројектно финансирање и рефундације	2018/2017 %	ОСТВАРЕЊЕ /ПЛАН	Учешће
1	2	3	4	5	6	7	8	9	10	11
	ПРИХОДИ									
700000	ТЕКУЋИ ПРИХОДИ	232.640.666	264.669.600	240.096.068	204.250.155	25.289.917	10.555.995	103,20	90,72	100,00
740000	ДРУГИ ПРИХОДИ	36.315.651	67.184.600	33.921.643	0	25.289.917	8.631.726	93,41	50,49	14,13
742100	Приходи од продаје добара и услуга или закупа од стране тржишних организација	34.930.916	56.784.600	33.284.143	0	24.976.417	8.307.726	95,29	58,61	
	Приходи од школарине	16.041.458	17.500.000	14.637.308		14.637.308				
	Приходи од накнада студената	6.936.297	8.500.000	6.299.904		6.299.904				
	Приходи од мастер студија	354.840	500.000	312.320		312.320				
	Докторске студије	1.341.467	3.000.000	1.903.471		1.903.471				
	Остали приходи	238.216	1.000.000	135.267		135.267				
	НИР Привреда	7.864.156	21.684.600	7.913.004		1.582.601	6.330.403			
	ЕкоТер	495.937	900.000	527.732		105.546	422.185			
	Мајска конференција	423.236	900.000	603.065			603.065			
	ЕМФМ	110.448					0			
	Рециклаза	79.906	900.000				0			
	Октобарско саветовање	1.036.872	900.000				0			
	Приходи од међ пројеката, награда и журнари		1.000.000	946.572			946.572			
	Лицитација	8.083		5.500			5.500			
744100	Добровољни трансфери од правних и физичких лица	1.384.735	10.400.000	637.500	0	313.500	324.000	46,04	6,13	0,27
	Технологијада			117.500			117.500			
	ЕкоТер			110.000			110.000			
	Рударииада			96.500			96.500			
	Факултет			313.500		313.500				
770000	МЕМОРАНДУМСКЕ СТАВКЕ ЗА РЕФУНДАЦИЈУ РАСХОДА	2.867.936	4.000.000	1.924.269	0	0	1.924.269	67,10	48,11	0,80
	Боловања	2.867.936		1.924.269			1.924.269			
	Темпус						0			
790000	ПРИХОДИ ИЗ БУЏЕТА	193.457.079	193.485.000	204.250.155	204.250.155	0	0	105,58	105,56	85,07
	ПРОСВЕТА	160.808.659	157.170.000	168.562.281	168.562.281	0	0	104,82	107,25	70,21
	Просвета - Плате	155.627.370	153.270.000	162.627.326	162.627.326			104,50	106,11	
	Просвета - материјални трошкови	3.359.112	3.900.000	3.780.022	3.780.022			112,53	96,92	

	Докторске студије	1.457.509		1.697.932	1.697.932					
	Наменска средства - опрема			457.000	457.000					
	Усавршавање	364.668			0					
790000	ПРИХОДИ НАУКА	32.648.420	36.315.000	35.687.874	35.687.874	0	0	109,31	98,27	14,86
	Ауторски хонорар	24.583.964		24.771.183	24.771.183					
	Материјални трошкови	4.217.896		7.015.080	7.015.080					
	Саветовања	429.690		400.000	400.000	0	0			
	Еколошка истина	170.000		200.000	200.000					
	Октобарско саветовање	228.740			0					
	Мајска конференција			200.000	200.000					
	Рециклажа	30.950								
	Журнали	785.000		987.800	987.800					
	Режијски трошкови НИР	2.497.719		2.274.982	2.274.982	0				
	Билатерални уговори	134.151		238.829	238.829					
823121	Примања од продаје производа и робе	80.979	400.000	59.554		59.554		73,54	14,89	
	УКУПНА НОВЧАНА ПРИМАЊА	232.721.645	265.069.600	240.155.621	204.250.155	25.349.471	10.555.995	103,19	90,60	
	Додатно финансирање за текуће издатке		2.476.000							
	Додатно финансирање за нефинансијску имовину		38.700.000							
	УКУПНА НОВЧАНА ПРИМАЊА СА ДОДАТНИМ ФИНАНСИРАЊЕМ		306.245.600	240.155.621	204.250.155	25.349.471	10.555.995			
	Новчана средства на почетку године	23.635.721		24.755.069		24.755.069		104,74		
	УКУПНО НОВЧАНА СРЕДСТВА	256.357.366	306.245.600	264.910.690	204.250.155	50.104.540	10.555.995	103,34		

Табела 2. Преглед расхода

1	2	5	4	5	6	7	8	6	7	8
	РАСХОДИ									
400000	ТЕКУЋИ РАСХОДИ	227.462.763	275.044.600	237.765.452	201.490.964	26.106.417	10.168.071	104,53	86,45	99,03
410000	РАСХОДИ ЗА ЗАПОСЛЕНЕ	164.810.040	166.019.600	173.529.964	163.270.096	6.122.931	4.136.937	105,29	104,52	72,28
411000	ПЛАТЕ, ДОДАЦИ И НАКНАДЕ ЗАПОСЛЕНИХ	133.942.927	132.400.000	139.778.158	137.872.715	1.831.056	74.387	104,36	105,57	
	Плате	133.800.174		139.703.771	137.872.715	1.831.056				
	Плате привремено запослених	142.753		74.387	0	0	74.387			
412000	СОЦИЈАЛНИ ДОПРИНОСИ НА ТЕРЕТ ПОСЛОДАВЦА	23.936.505	23.699.600	25.007.820	24.680.225	298.733	28.862	104,48	105,52	
412100	Допринос за пензијско и инвалидско осигурање	16.052.346	15.888.000	16.767.962	16.548.306	200.315	19.341	104,46	105,54	
412200	Допринос за здравствено осигурање	6.882.863	6.818.600	7.192.418	7.098.200	85.813	8.406	104,50	105,48	
412300	Допринос за незапосленост	1.001.296	993.000	1.047.440	1.033.719	12.605	1.116	104,61	105,48	
413000	Поклони за децу запослених	46.000	200.000	47.000		47.000				
413100	Поклони за децу запослених	46.000	200.000	47.000		47.000				
414000	СОЦИЈАЛНА ДАВАЊА ЗАПОСЛЕНИМА	4.080.663	6.220.000	5.760.068	0	1.726.380	4.033.688	141,16	92,61	
414100	Исплата накнада боловања преко 30 дана	3.010.967	4.000.000	4.033.688		0	4.033.688	133,97	100,84	
414300	Отпремнине	1.032.444	2.000.000	1.611.271		1.611.271	0	156,06	80,56	
414400	Помоћ у медицинском лечењу запосленог или члана уже породице	37.252	220.000	115.109		115.109				
415100	Накнаде за запослене превоз	2.704.111	3.000.000	2.527.286	717.156	1.810.130		93,46	84,24	
416000	НАГРАДЕ, БОНУСИ И ОСТАЛИ ПОСЕБНИ РАСХОДИ	99.834	500.000	409.633		409.633		410,31	81,93	

Табела бр. 3. Трошкови коришћења роба и услуга

1	2	5	4	5	6	7	8	6	7	8
420000	ТРОШКОВИ КОРИШЋЕЊА РОБА И УСЛУГА	61.937.920	104.075.000	60.975.142	38.220.868	16.723.140	6.031.134	98,45	58,59	25,40
421000	СТАЛНИ ТРОШКОВИ	14.726.289	17.350.000	11.609.498	9.195.515	2.413.982	0	78,84	66,91	4,84
421100	Трошкови платног промета и банкарских услуга	255.721	400.000	332.970	88.146	244.824	0	130,21	83,24	

421111	Трошкови платног промета	245.157		277.765	88.146	189.619				
421121	Трошкови банкарских услуга	10.564		55.205		55.205				
421200	Енергетске услуге	12.607.320	14.000.000	9.934.896	8.847.542	1.087.353	0	78,80	70,96	
	Струја	1.539.227		1.516.048	1.094.606	421.442				
	Грејање	11.068.093		8.418.848	7.752.936	665.911				
421300	Комуналне услуге	558.714	600.000	525.371	259.827	265.544	0	94,03	87,56	
	Услуге водовода и канализације	112.574		103.491		103.491				
	Обезбедјење имовине	6.000				0				
	Дератизација	80.000		80.000		80.000				
	Одвоз отпада	360.140		341.880	259.827	82.053				
421400	Услуге комуникација	1.070.464	1.700.000	669.809	0	669.809	0	62,57	39,40	
	Телефон	414.706		319.943		319.943				
	Интернет	1.627		4.068		4.068				
	Мобилни телефон	344.993		242.320		242.320				
	Пошта	309.138		103.478		103.478				
421500	Трошкови осигурања	99.176	500.000	53.108		53.108		53,55	10,62	
421600	Закуп имовине и опреме	134.894	150.000	93.343		93.343			62,23	
422000	ТРОШКОВИ ПУТОВАЊА	3.821.104	6.430.000	4.675.947	906.513	1.962.536	1.806.898	122,37	72,72	1,95
422100	Трошкови за пословна путовања у земљи	3.430.855	4.500.000	3.979.568	667.684	1.679.162	1.632.721	115,99	88,43	
	НИР	1.431.287		1.766.076	603.467	0	1.162.609			
	Саветовања	759.044		395.250	0	0	395.250			
	Еколошка истина	232.026		116.167			116.167			
	Мајска конференција менаџера	125.643		191.436			191.436			
	Рециклажне технологије	147.650		62.371			62.371			
	Октобарско саветовање	253.725		25.276			25.276			
	Факултет	1.046.388		1.686.961	18.408	1.668.553				
	Студенти	23.471		10.609		10.609				
	LEAP и журнали	61.905		2.303		0	2.303			
	Билатерални уговори	72.735		45.809	45.809	0				
	Вишеград фонд	36.026		72.559		0	72.559			
422200	Трошкови службених путовања у иностранство	200.949	1.730.000	674.379	238.829	261.374	174.177	335,60	38,98	
	Билатерални уговори/ Саветовања	46.935		37.883		37.883	0			
	НИР	109.286		351.565	238.829	112.736	0			
	Вишеград фонд			174.177			174.177			
	Факултет	44.728		110.755		110.755				
422300	Трошкови путовања у оквиру редовног рада (технологијада. стручна пракса, саветовања)	189.300	200.000	22.000		22.000		11,62	11,00	

423000	УСЛУГЕ ПО УГОВОРУ	7.541.369	16.420.000	8.352.202	1.515.376	6.245.734	591.092	110,75	50,87	3,48
423100	Административне услуге	223.625	880.000	222.838	120.000	102.838		99,65	25,32	
423200	Услуге за софтер	444.927	2.270.000	429.469	120.000	309.469		96,53	18,92	
423300	Услуге образовања и усавршавања запослених	819.340	900.000	935.955	457.825	478.130	0	114,23	104,00	
423310	Услуге образовања и усавршавања запослених	81.060		76.160		76.160				
423320	Котизације	570.700		357.185	334.225	22.960				
423391	Чланарине	152.600		275.250	123.600	151.650				
423399	Остали издаци за стручно образовање	14.980		227.360		227.360				
423400	Услуге штампе, реклама и медија	1.779.130	4.800.000	2.273.668	617.545	1.618.335	37.788	127,80	47,37	
423410	Услуге штампе	675.938		1.051.232	617.545	395.899	37.788			
	Факултет	57.540		497.214	139.985	357.229				
	Фонд катедре	17.000				0				
	Мајска конференција	96.270		128.160	128.160	0	0			
	НИР	179.900		2.352		0	2.352			
	Еколошка истина	61.344		227.196	200.000		27.196			
	Октобарско	540		8.240		0	8.240			
	Вишеград фонд					0				
	Журнали	214.760		149.400	149.400	0	0			
	Остало (Студенти, Скок)	41.384		38.670		38.670				
	Рециклажне технологије	7.200				0				
423430	Услуге рекламног материјала и рекламе	1.103.192		1.222.436	0	1.222.436	0	110,81		
	Фонд катедре					0				
	Факултет	1.103.192		1.222.436		1.222.436		110,81		
423500	Стручне услуге	1.450.956	3.670.000	1.771.045	200.006	1.180.661	390.378	122,06	48,26	
423591	Накнаде члановима одбора и комисија	155.076		59.523		59.523		38,38		
423592	Остале стручне услуге	1.295.880		1.711.522	200.006	1.121.138	390.378	132,07		
	Еко истина	450.000				0	0			
	Саветовања	12.000		162.855		0	162.855			
	НИР			60.000			60.000			
	Факултет	163.580		542.760	200.006	342.754				
	Технологијада и Рударииада	94.800		167.523		0	167.523			
	Уплата универзитету	575.500		778.384		778.384				
423600	Услуге за домаћинство и угоститељство	1.077.413	1.600.000	959.428		959.428			59,96	
423700	Репрезентација	506.364	500.000	497.407	0	351.741	145.666	98,23	99,48	
	Факултет	323.898		351.741		351.741				
	НИР	119.138		84.196		0	84.196			

	Еколошка истина	9.480				0	0			
	Октобарско саветовање и рециклажа	16.090		35.140		0	35.140			
	Мајска конференција	37.758		26.330		0	26.330			
423900	Остале опште услуге	1.239.615	1.800.000	1.262.392	0	1.245.132	17.260	101,84	70,13	
	Факултет	311.986		329.885		329.885				
	Саветовања	17.000		342.330		342.330				
	НИР	37.000		17.260		0	17.260			
	Усавршавање	40.000				0				
	Технологијада, Рударииада, Скок преко коже, Менаџеријада	381.200		540.647		540.647				
	Студенти	48.729		32.270		32.270				
	Каријер центар	88.700				0				
	Издавање диплома	315.000				0				
424000	СПЕЦИЈАЛИЗОВАНЕ УСЛУГЕ	29.133.797	39.250.000	29.417.592	25.586.453	197.995	3.633.144	100,97	74,95	12,25
424200	Услуге образовања, културе и спорта	515.699	1.700.000	537.289	346.734	172.555	18.000	104,19	31,61	
	Доп. радни однос	375.066		500.745	328.190	172.555				
	Докторске студије	121.646		18.544	18.544	0				
	НИР	18.987		18.000		0	18.000			
424300	Медицинске услуге			15.000		15.000				
424621	Услуге науке и геодетске услуге	28.155.073	35.050.000	28.249.283	25.136.451	0	3.112.832	100,33	80,60	
	НИР	28.155.073		28.249.283	25.136.451	0	3.112.832	100,33		
424900	Остале специјализоване услуге	463.025	2.500.000	616.020	103.268	10.440	502.312	133,04	24,64	
	Факултет	95.025		18.020	7.580	10.440				
	Мајска конференција	4.000				0	0			
	Студенске манифестације	30.000				0				
	НИР	334.000		598.000	95.688	0	502.312			
425000	ТЕКУЋЕ ПОПРАВКЕ И ОДРЖАВАЊЕ	3.374.532	18.475.000	4.010.949		4.010.949		118,86	21,71	1,67
425100	Текуће поправке и одрж. зграда и објеката	2.405.287	16.425.000	3.012.135	0	3.012.135	0	125,23	18,34	
425111	Зидарски радови	420		606.935		606.935		144508,26		
425112	Столарски радови	284.893		846.895		846.895		297,27		
425113	Молерски радови	85.303		675.130		675.130		791,45		
425114	Радови на крову	711.742		180.730		180.730		25,39		
425115	Водоводни радови	207.574		373.380		373.380		179,88		
425116	Радови на централном грејању	173		30.735		30.735		17765,99		
425117	Електричне инсталације	858.935		239.943		239.943		27,93		
425191	Остале поправке и одржавања	256.247		58.386		58.386		22,79		
425200	Текуће поправке и одржавање опреме	969.245	2.050.000	998.814	0	998.814	0	103,05	48,72	

425211	Механичарске оправке и одржавање возила	197.637		354.820		354.820		179,53		
425222	Рачунарска опрема	185.784		18.114		18.114				
425224	Електронска опрема	187.200		7.500		7.500				
425225	Опрема за домаћинство	27.893		72.616		72.616				
425226	Биротехничка опрема	39.196		66.557		66.557				
425229	Остала административна опрема	17.200				0				
425242	Опрема за науку	45.610		5.689		5.689				
425261	Опрема за образовање	268.725		473.519		473.519				
426000	МАТЕРИЈАЛ	3.340.829	6.150.000	2.908.955	1.017.011	1.891.944	0	87,07	47,30	1,21
426100	Административни материјал	690.136	1.700.000	1.017.461	541.014	476.447	0	147,43		
	Канцеларијски материјал			619.152						
	Заштитна одећа			398.309						
426300	Материјали за образовање кадра (стручна литература)	283.695	300.000	114.353		114.353		40,31		
426400	Материјали за саобраћај	561.219	800.000	663.314		663.314		118,19		
	Гориво	448.723		521.571		521.571				
	Остали материјал и сервиси возила	112.496		141.742		141.742				
426500	Материјал за науку	392.396	400.000			0				
426600	Материјали за образовање	1.010.141	2.200.000	858.886	475.997	382.889		85,03		
426800	Материјали за чишћење	203.265	550.000	60.018		60.018		29,53		
426900	Материјали за посебне намене	199.977	200.000	194.923		194.923				

1	2	5	4	5	6	7	8	6	7	8
431000	УПОТРЕБА ОСНОВНИХ СРЕДСТАВА	3.301.267	4.000.000	3.002.374	0	3.002.374	0	90,95		
431100	Зграде и грађевински објекти	167.956		205.897		205.897		122,59		
431200	Машине и опрема	2.915.039		2.636.986		2.636.986		90,46		
431300	Остала основна средства	218.272		159.491		159.491		73,07		
472000	Накнаде из буџета	113.528	150.000	40.000		40.000		35,23	26,67	
472700	Студентске стипендије и награде	113.528		40.000		40.000		35,23		
480000	ОСТАЛИ РАСХОДИ	601.275	800.000	217.972	0	217.972	0	36,25	27,25	
482200	Остали порези	530.390		183.066		183.066		34,52		
482300	Обавезне таксе	70.885		34.907		34.907		49,24		
	Вишак прихода – суфицит	5.258.882	31.201.000	2.390.169	2.759.190	0	387.925	45,45	7,66	
	Мањак прихода - дефицит			0	0	756.947	0			

Табела бр 4. Употреба основних средстава и остали ванпословни расходи

1	2	5	4	5	6	7	8	6	7	8
500000	ИЗДАЦИ ЗА НЕФИНАНСИЈСКУ ИМОВИНУ	4.788.103	48.200.000	7.338.760	2.759.190	4.579.570	0	153,27	15,23	22,05
510000	ОСНОВНА СРЕДСТВА	4.772.953	48.200.000	7.338.760	2.759.190	4.579.570	0	153,76	15,23	
511000	ЗГРАДЕ И ГРАЂЕВИНСКИ ОБЈЕКТИ		26.000.000							
512000	МАШИНЕ И ОПРЕМА	4.768.473	20.200.000	5.832.457	2.191.364	3.641.093	0	122,31	28,87	
512100	Опрема за саобраћај					0				
512200	Административна опрема	3.135.556	5.700.000	3.351.557	1.267.364	2.084.193		106,89	58,80	
512500	Опрема за науку	369.849	5.000.000	788.633		788.633			15,77	
512600	Опрема за образовање, културу и спорт	1.247.150	8.500.000	1.578.392	924.000	654.392		126,56	18,57	
512900	Остала опрема	15.918	1.000.000	113.876		113.876				
513000	ОСТАЛА ОСНОВНА СРЕДСТВА	4.480	2.000.000	1.506.303	567.826	938.477		33622,84	75,32	
513200	Нематеријалана основна средства	4.480	2.000.000	1.506.303	567.826	938.477		33622,84	75,32	
522000	ЗАЛИХЕ ЗА ДАЉУ ПРОДАЈУ	15.150		0		0				
523100	Залихе робе за даљу продају	15.150								
Свега основна средства		4.783.623	48.200.000	7.338.760	2.759.190	4.579.570	0			
Набавка из амортизације			4.000.000	3.002.374		3.002.374				
Набавка из суфицита ранијих година			12.999.000							
Набавка из суфицита ранијих година			12.999.000	1.946.217		1.946.217				
ВИШАК ПРИМАЊА У ПЕРИОДУ		475.259	0	0	0	0	387.925			
МАЊАК ПРИМАЊА У ПЕРИОДУ		0		0	0	387.925				

Средства студентског парламента

	Опис	Донације	Средства Факултета	Пренето из 2017	Трошак	Остаје
За рад студентског парламента			200.000	363	147.112	53.251
За трошкове Технологијаде		117.500	150.000		267.000	500
За трошкове Менаџеријаде			0			0
За трошкове Георударијаде		96.500	150.000		251.115	-4.615
УКУПНО		214.000	500.000	363	665.227	49.136

Бор. 07.02.2019. године

Декан
Проф. др Нада Штрбац

Univerzitet u Beogradu
TEHNIČKI FAKULTET U BORU
Nastavno – naučnom veću

Na osnovu Člana 3. Pravilnika o vrednovanju rezultata naučnog rada nastavnika i saradnika, na Tehničkom fakultetu u Boru, broj VI-4/19-4/2 od 27. 05. 2008. godine, u daljem tekstu **Pravilnik**, Komisija za obezbeđenje i unapređenje kvaliteta, u daljem tekstu **Komisija**, januara meseca 2018. godine, sprovela je postupak vrednovanja rezultata naučno-istraživačkog rada i međunarodne saradnje nastavnika i saradnika, za prethodnu 2017. godinu.

Nakon sprovedenog postupka i obrade dobijenih rezultata Komisija u skladu sa Članom 7. Pravilnika Naučno-nastavnom veću dostavlja sledeći

IZVEŠTAJ
O REZULTATIMA VREDNOVANJA NAUČNOG RADA

1. OPŠTI DEO

Postupak vrednovanja sprovela je Radna grupa Komisije koju su činili:

- Prof. dr Dejan Tanikić, prodekan za NIR i MS, rukovodilac,
- Prof. dr Saša Stojadinović, član i
- Asis. Uroš Stamenković, član.

Vrednovanje rezultata naučnog rada urađeno je januara meseca 2019. godine, a odnosi se na prethodnu kalendarsku godinu, i njime su bili obuhvaćeni svi nastavnici i saradnici koji su u toj godini bili zaposleni na Fakultetu.

U okviru Komisije za obezbeđenje i unapređenje kvaliteta, prodekan za naučnoistraživački rad i međunarodnu saradnju prof. dr Dejan Tanikić, prikupio je i obradio potrebne podatke i sačinio **Godišnji izveštaj o rezultatima ostvarenim u naučnoistraživačkom radu i međunarodnoj saradnji za 2018. godinu**, koji je, kao sastavni deo ovog izveštaja, dat u **prilogu 1**.

Vrednovanje se odnosilo na sledeće reference:

- 1.1. Publikovane monografije i drugo (M13-M14)
- 1.2. Publikovani radovi u međunarodnim časopisima sa IF (M21-M23)
- 1.3. Publikovani radovi u međunarodnim časopisima bez IF (M24)
- 1.4. Saopšteni radovi na međunarodnim skupovima (M31-M34)
- 1.5. Nacionalne monografije (M42)
- 1.6. Publikovani radovi u nacionalnim časopisima (M51-M53)

- 1.7. Saopštteni radovi na nacionalnim skupovima (M63-M64)
- 1.8. Odbranjene doktorske disertacije (M71)
- 1.9. Publikovani udžbenici
- 1.10. Citiranost u 2018.godini (prema SCOPUS-u)
- 1.11. Učešće na međunarodnim projektima
- 1.12. Učešće na projektima koje finansira MPNTR RS
- 1.13. Učešće na projektima koje finansira privreda
- 1.14. Organizacija naučnih skupova
- 1.15. Publikovanje časopisa

Kompletan materijal koji se odnosi na ovo vrednovanje predat je arhivi Fakulteta, na dalje čuvanje.

2. POSEBAN DEO

Nakon obrade podataka dobijenih u postupku vrednovanja zbirni prikaz rezultata naučnog rada dat je u **tabeli 1**.

Upoređivanje ostvarenih rezultata za 2018. godinu sa rezultatima iz prethodnih godina izvršeno je tabelarno i grafički, i to:

- **slika 1**-Pregled broja objavljenih radova grupe rezultata M20 i M50,
- **slika 2**-Pregled broja citata u časopisima sa IF (JCR lista),
- **tabela 2**-Prikaz broja rezultata grupa M30, M60, M70, M80 i M90 i
- **slika 3**-Pregled broja projekata na kojima su učestvovali nastavnici i saradnici.

3. ZAKLJUČCI

Nakon sprovedenog postupka vrednovanja i obrade dobijenih podataka, koje su ostvarili nastavnici i saradnici u oblasti naučnoistraživačkog rada i međunarodne saradnje u 2018. godini, zaključeno je sledeće:

1. U poređenju sa rezultatima postignutim u 2017. godini, rezultati postignuti u 2018. godini slabiji su u sledećim kategorijama:

M20	za 28 referenci ili za	30,10 %
M30	za 62 reference ili za	34,06 %
M40	za 3 reference ili za	75,00 %
M50	za 11 referenci ili za	26,83 %
M60	za 5 referenci ili za	20,00 %
M70	za 3 reference ili za	100,00 %

2. U poređenju sa rezultatima postignutim u 2017. godini, rezultati postignuti u 2018. godini bolji su u sledećim kategorijama:

M10		za 1 referencu ili za	14,28 %
Citiranost	br. radova	za 1 rad ili za	0,40 %
	br. citata	za 103 citata ili za	19,07 %
Projekti za privredu		za 1 projekat ili za	9,09 %

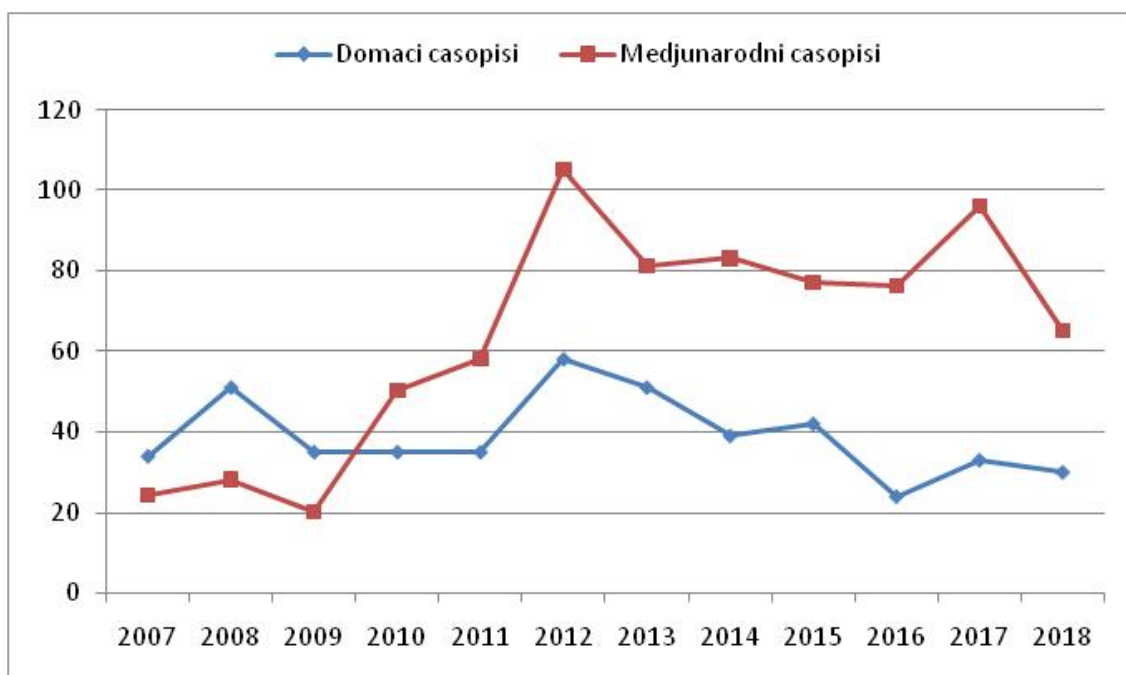
3. U poređenju sa rezultatima postignutim u 2017. godini, rezultati postignuti u 2018. godini ostali su na istom nivou u sledećim kategorijama:

Međunarodni projekti
 Projekti MPNR RS
 Udžbenici
 Organizovanje naučnih skupova
 Publikovanje časopisa

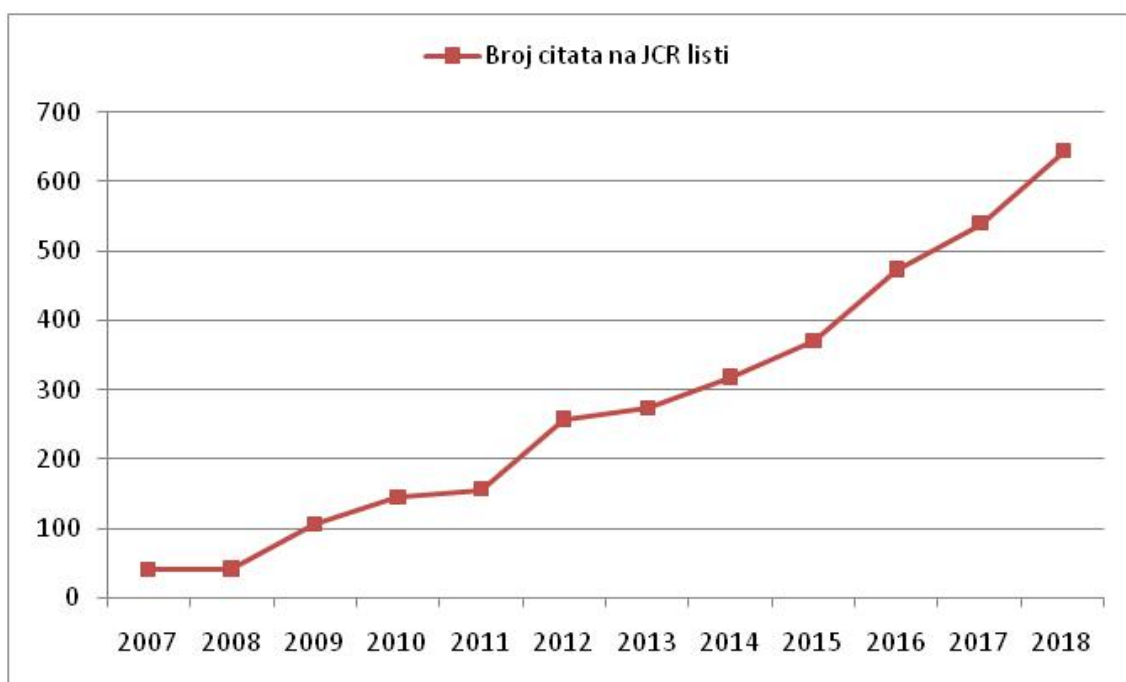
4. Ostvareni rezultati ukupno se ocenjuju kao slabiji u odnosu na 2018. godinu.

Tabela 1 – Zbirni prikaz rezultata NIR-a Tehničkog fakulteta u Boru za 2018. god.

Tip rezultata - kategorija, prema MPNTR RS	Broj ostvarenih rezultata	UKUPNO
M13	4	M10 – 8
M14	2	
M17	2	
M21a + M21	3+6=9	M20 - 65
M22	15	
M23	24	
M24	14	
M29a	1	
M29b	1	
M29v	1	
M31	6	M30 - 120
M32	2	
M33	89	
M34	22	
M36	1	
M42	1	M40 – 1
M51	7	M50 – 30
M52	10	
M53	11	
M55	2	
M61	5	M60 – 20
M62	1	
M63	7	
M64	6	
M66	1	
Udžbenici	5	5
Citiranost	222 rada citirana 643 puta	
Projekti finansirani od strane MPNTR RS	26	
Međunarodni projekti	8	
Projekti finansirani od strane privrede i ostali projekti	12	
Učešće u organizaciji nučnih skupova	5 međunarodnih naučnih skupova + 1 međunarodna studentska konferencija	
Publikovani časopisi	4 naučna časopisa + 1 studentski časopis	



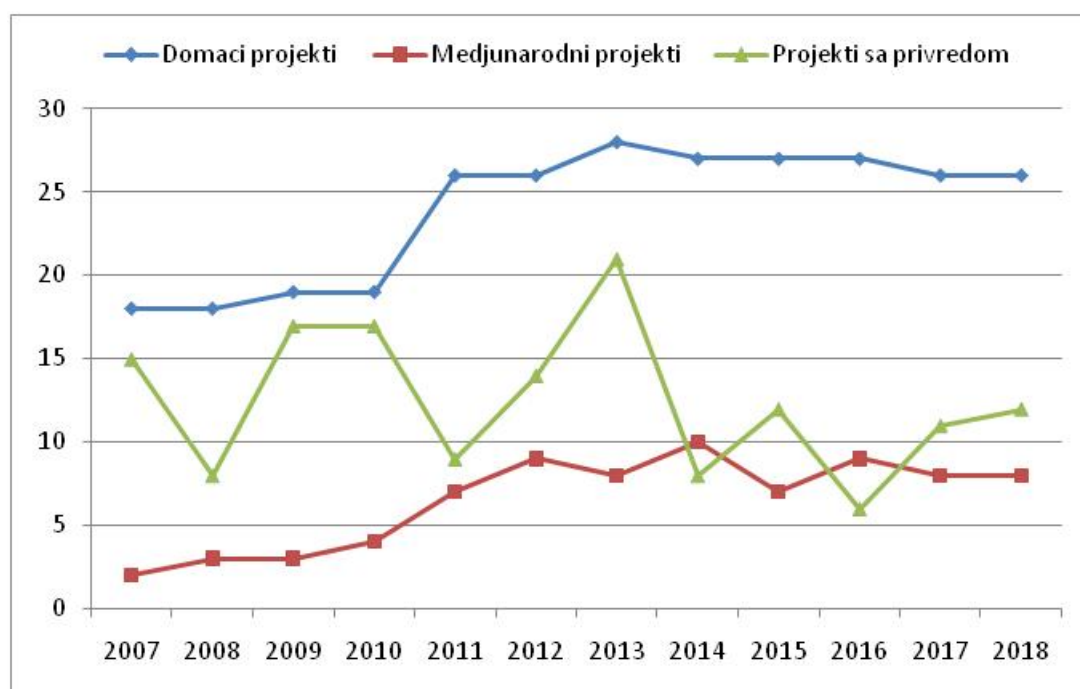
Slika 1 – Grafički pregled broja objavljenih radova grupe rezultata M20 i M50 za period od 2007. do 2018. godine



Slika 2 – Grafički pregled broja citata u časopisima sa IF (JCR lista) za period od 2007. do 2018. godine

Tabela 2 – Pregled broja rezultata grupa M30, M60, M70 i M80 za period od 2010. do 2018. godine

Godina	2010.	2011.	2012.	2013.	2014.	2015.	2016.	2017.	2018.
Saopštenja na međunarodnim skupovima (M30)	107	179	161	174	165	191	158	175	120
Saopštenja na domaćim skupovima (M60)	68	79	70	44	32	33	6	24	20
Odbranjene doktorske disertacije (M70) (samo zaposleni na TF Bor)	9	1	8	8 (3+5)	1	9 (1+8)	4	3	0
Tehničko-razvojna rešenja (M80)	6	2	8	9	4	6	0	0	0



Slika 3 – Grafički pregled broja projekata na kojima su učestvovali nastavnici i saradnici za period od 2007. do 2018. godine

Prilog: Godišnji izveštaj o rezultatima NIR-a za 2018. godinu

U Boru, februar 2019. godine

za Komisiju predsednik

Prof. dr Saša Stojadinović

Dostavljeno:

- 1x Nastavno-naučnom veću
- 1x Arhivi Fakulteta
- 1x Arhivi Komisije

Prilog 1

**Godišnji izveštaj o rezultatima ostvarenim u naučnoistraživačkom radu i
međunarodnoj saradnji za 2017. godinu**

Универзитет у Београду,
Технички факултет у Бору

**Годишњи извештај о резултатима
оствареним у научно-истраживачком
раду и међународној сарадњи за
2018. годину**

Бор,
фебруар 2019. године

ОСНОВНИ ПОДАЦИ

Годишњи извештај о раду у области научно-истраживачког рада и међународне сарадње (НИР и МС) на Техничком факултету у Бору за 2018. годину састоји се из следећих прилога:

- Списак референци наставника и сарадника са ТФ Бор (М10 - М90), Прилог 1
- Списак цитираних радова наставника и сарадника са ТФ Бор, Прилог 2
- Списак домаћих пројеката на којима су укључени наставници и сарадници са ТФ Бор, Прилог 3
- Списак међународних пројеката на којима су укључени наставници и сарадници са ТФ Бор, Прилог 4
- Списак пројеката остварених у сарадњи са привредом на којима су укључени наставници и сарадници са ТФ Бор, Прилог 5
- Списак осталих активности факултета од значаја за НИР и МС (издавачка делатност, научни скупови, билатерална сарадња, учешће на сајмовима, научна предавања и друге активности), Прилог 6

У складу са *Правилником о поступку, начину вредновања и квантитативном исказивању научноистраживачких резултата истраживача* извршена је класификација резултата научно-истраживачког рада које су остварили истраживачи запослени на Техничком факултету у Бору. Увидом у резултате НИР-а на ТФ Бор, оствареним током 2018. године, који су представљени у прилозима може се закључити следеће:

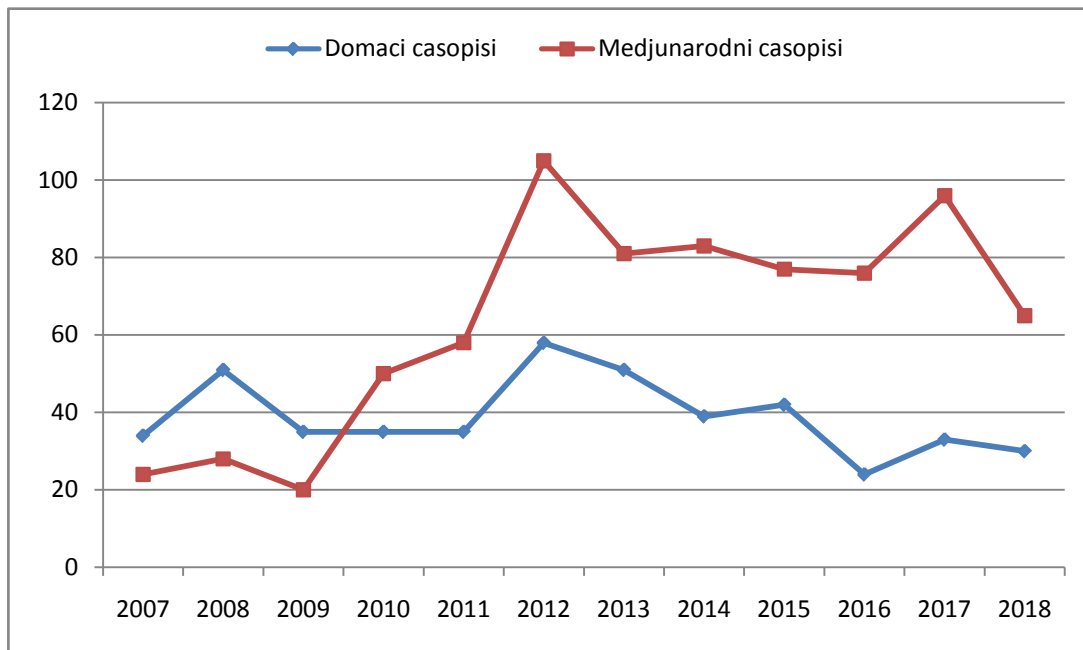
1. Публиковане монографске студије и радови у међународним часописима, категорије М10+М20: $8+65=73$ рада
2. Публиковани радови у националним часописима, категорије М50: 30 радова
3. Публиковане монографије, зборници радова, уџбеници: 1 монографија категорије М40, 1 зборник са међународног научног скупа категорије М30 и 5 уџбеника
4. Саопштени радови на међународним (М30) и националним (М60) скуповима: $120+20=140$ радова
5. Ангажовање на пројектима:
 - а. Пројекти код Министарства просвете науке и технолошког развоја Републике Србије: 26 (4 ИИИ, 9 ОИ, 13 ТР, од тога 5 пројекта на којима су руководиоци истраживачи са ТФ Бор)
 - б. Међународни пројекти: 8
 - с. Пројекти финансирани од стране привреде и остали пројекти: 12
6. Цитираност у 2018. години (SCOPUS резултати): 222 рада цитирана 643 пута

Збирни приказ резултата НИР-а за 2018. годину дат је у Табели 1.

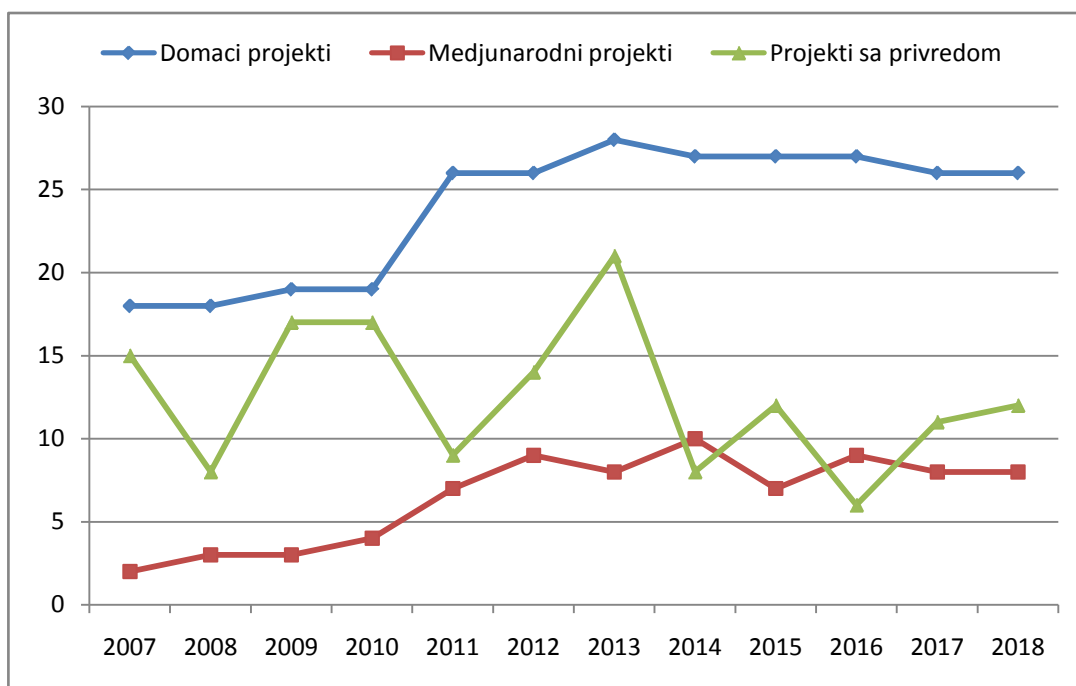
Табела 1. Збирни приказ резултата НИР-а Техничког факултета у Бору за 2018. год.

Тип резултата - категорија, према МПНТР РС	Број остварених резултата	УКУПНО
M13	4	M10 - 8
M14	2	
M17	2	
M21a + M21	3+6=9	M20 - 65
M22	15	
M23	24	
M24	14	
M29a	1	
M29b	1	
M29v	1	
M31	6	M30 - 120
M32	2	
M33	89	
M34	22	
M36	1	
M42	1	M40 - 1
M51	7	M50 - 30
M52	10	
M53	11	
M55	2	
M61	5	M60 - 20
M62	1	
M63	7	
M64	6	
M66	1	
Уџбеници	5	5
Цитираност	222 рада цитирана 643 пута	
Пројекти финансирани од стране МПНТР РС	26	
Међународни пројекти	8	
Пројекти финансирани од стране привреде и остали пројекти	12	
Учешће у организацији научних скупова	5 међународна научна скупа + 1 међународна студентска конференција	
Публиковани часописи	4 научна часописа + 1 студентски часопис	

У наставку је, на Сликама 1.-3. и у Табели 2., дат компаративни приказ резултата остварених на ТФ Бор за претходни период (од 2007. године до данас).



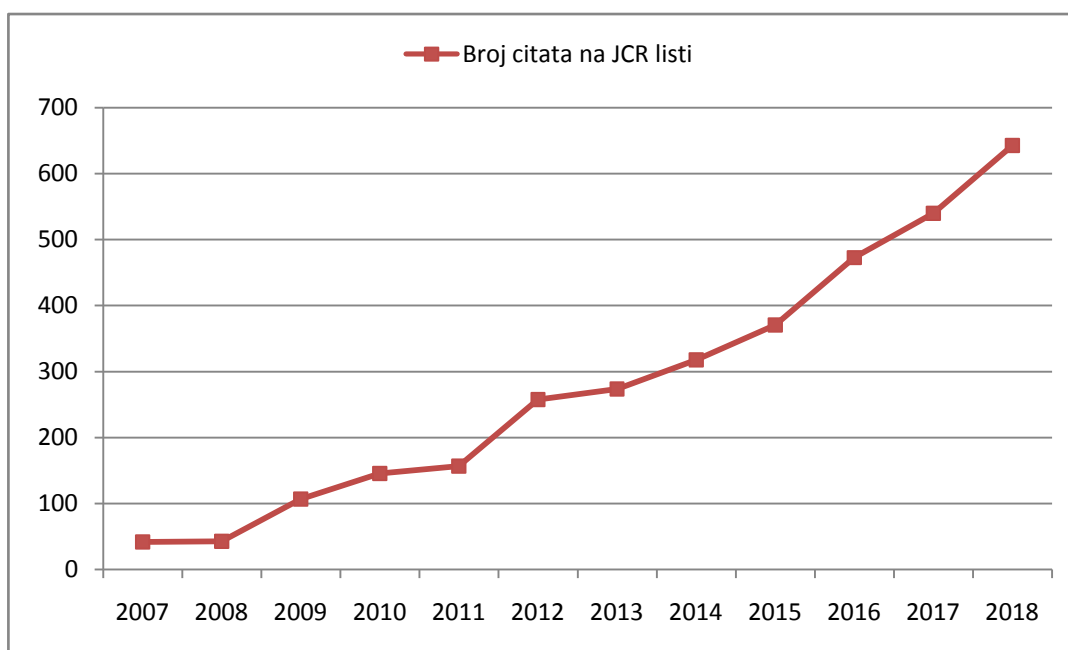
Слика 1. Компаративни приказ броја радова објављених у међународним и домаћим часописима (M20 и M50) на ТФ Бор у периоду 2007. – 2018. год.



Слика 2. Компаративни приказ броја домаћих, међународних и пројеката са привредом реализованих на ТФ Бор у периоду 2007. – 2018. год.

Година	2010.	2011.	2012.	2013.	2014.	2015.	2016.	2017.	2018.
Саопштења на међународним скуповима (M30)	107	179	161	174	165	191	158	175	120
Саопштења на домаћим скуповима (M60)	68	79	70	44	32	33	6	24	20
Одбрањене докторске дисертације (M70) (само запослени на ТФ Бор)	9	1	8	8 (3+5)	1	9 (1+8)	4	3	0
Техничко-развојна решења (M80)	6	2	8	9	4	6	0	0	0

Табела 2. Компаративни приказ броја резултата категорија M30, M60, M70 и M80 у периоду 2010. – 2018. год.



Слика 3. Компаративни приказ броја цитата на ЈСР листи за ТФ Бор у периоду 2007. – 2018. год.

Када се у обзир узме актуелно стање и постојећи проблеми у просвети и науци у Србији данас, остварени резултати активности из области НИР и МС могу се сматрати задовољавајућим. Поређење са претходним периодом указује на значајнији квантитативни пад броја објављених радова у међународним часописима – M20: 2012.год.-97, 2013.год.-81, 2014.год.-83, 2015.год.-77, 2016.год.-76 и 2017.год.-96, 2018.год.-65, као и нешто блажи пад у броју публикованих радова у домаћим часописима – M50: 2012.год.-58, 2013.год.-51, 2014.год.-39, 2015.год.-42, 2016.год.-24 и 2017.год.-33, 2018.год.-30, Слика 1.

Током 2018. године настављено је финасирање текућих пројекта од стране Министарства просвете, науке и технолошког развоја Републике Србије, при чему је број пројекта на којима су учествовали истраживачи са ТФ Бор на истом нивоу као и претходних година. Истраживачи са ТФ Бор учествовали су током 2018. године на 8 међународних пројекта, идентично као и претходне године. У области сарадње са привредом, у 2018. години урађена су 6 пројекта, 1 студија и 2 елабората, као и 3 техничке контроле пројекта и вештачења, Слика 2.

Квантитативни пад се уочава у броју саопштења на међународним скуповима – М60: 2012.год.-161, 2013.год.-174, 2014.год.-165, 2015.год.-191, 2016.год.-158, 2017.год.-175, 2018.год.-120, а нешто блажи пад и у броју саопштења на домаћим скуповима – М60: 2012.год.-70, 2013.год.-44, 2014.год.-32, 2015.год.-33, 2016.год.-6 и 2017.год.-24, 2018.год.-20, Табела 2.

Што се тиче цитираности, уочава се значајније повећање броја цитираних радова као и укупног броја цитата на JCR листи: 2012.год.-111 радова цитираних 258 пута, 2013.год.-112 радова цитираних 274 пута, 2014.год.-145 радова цитираних 318 пута, 2015.год.-157 радова цитираних 371 пут, 2016.год.-202 рада цитираних 474 пута и 2017.год.-221 рад цитиран 540 пута, 2018.год.-222 рада цитираних 643 пута, Слика 3.

Радови категорије M21-M23 које су током 2017. године публиковали запослени на Техничком Факултету у Бору припадају следећим научним областима:

Chemistry, Physical (7 радова), Materials Science, Multidisciplinary (7 радова), Metallurgy & Metallurgical Engineering (4 рада), Economics (2 рада), Environmental Studies (2 рада), Environmental Sciences (7 радова), Ecology, Engineering, Civil (2 рада), Water Resources (3 рада), Operations Research & Management Science, Mathematics, Applied, Physics, Atomic, Molecular & Chemical, Engineering, Mechanical, Thermodynamics (5 радова), Mining & Mineral Processing, Multidisciplinary Sciences, Chemistry, Analytical, Engineering, Electrical & Electronic (7 радова), Engineering, Chemical, Computer Science, Hardware & Architecture, Computer Science, Interdisciplinary Applications (2 рада), Business (2 рада), Acoustics, Engineering, Environmental, Computer Science, Artificial Intelligence (4 рада), Mathematics, Automation & Control Systems, Computer Science, Information Systems, Chemistry, Applied, Engineering, Chemical, Transportation Science & Technology (2 рада), Physics, Fluids & Plasmas, Materials Science, Textiles, Chemistry, Multidisciplinary, Management, Materials Science, Characterization & Testing.

Током 2018. године, на Техничком Факултету у Бору је штампан приближно исти број уџбеничке литературе као и ранијих година а ситуација је идентична као и претходне године и када је у питању издавање часописа. Факултет је наставио да издаје своја четири традиционална часописа:

- Journal of Mining and Metallurgy, Section A: Mining (JMM-A)
- Journal of Mining and Metallurgy, Section B: Metallurgy (JMM-B)
- Serbian Journal of Management (SJM)
- Recycling and Sustainable Development (RSD)

Од 2016. године Технички факултет у Бору издаје и први студентски часопис „Engineering Management“.

Током протекле године Технички факултет у Бору је учествовао у организацији пет научних скупова:

- XXVI International Conference Ecological Truth and Environmental Research (EcoTER 2018), Борско језеро, Србија, 12.-15. јун 2018. године
- 14th International May Conference on Strategic Management (MKSM 2018), Бор, 25.-27. мај 2018. године
- 50th International October Conference on Mining and Metallurgy (IOC 2018), Борско језеро, 30. септембар - 03. октобар 2018. године
- 8th International Symposium on Environmental and Materials Flow Management (EMFM 2018), Зеница, Босна и Херцеговина, 14.-16. новембар 2018. године
- XII Savjetovanje hemičara, tehnologa i ekologa RS, Бања Врућица, Теслић, Босна и Херцеговина, 02.-03. новембар 2018. године

У оквиру скупа МКСМ 2018 организован је студентски симпозијум: 14. Студентски симпозијум о стратегијском менаџменту, док је у оквиру скупа EcoTER 2018 организована студентска секција.

Током 2018. године настављена је сарадња са многобројним организацијама из земље и иностранства. Потписани су бројни билатерални споразуми и уговори о пословно-техничкој сарадњи са релевантним високошколским организацијама, научним институтима и другим установама из сродних области из Србије и иностранства.

Настављен је рад академских мрежа у којима је ТФ Бор активан партнер: Resita Network, MET-NET мрежа, EURAXESS žamre Српска национална мрежа технолошких брокера. Кроз актуелне међународне пројекте и скупове које Факултет организује, остварени су даљи значајни контакти са академским и научним институцијама, са циљем развоја даљих активности у смислу међународне размене студената и наставног особља.

У току 2018. године остварена је мобилност студената и наставника у оквиру међународних пројеката. Тако су, у оквиру програма Европске уније ERASMUS+KA1 студенти основних студија одсека за Инжењерски менаџмент у току пролећног семестра 2018. године имали могућност да део школовања остваре у иностранству (Мађарска), док су у оквиру међународног SATREPS пројекта, који се већ дужи низ година реализује са Јапаном, студенти основних студија из Јапана боравили на Техничком факултету у Бору.

Акције везане за промоцију и популаризацију науке код младих настављене су и током 2018. године – одржан је Први међународни фестивал науке Тимочки научни торнадо у Видину, Борска Ноћ истраживача – БОНИС 2018, одржана на градском шеталишту у Бору, Фестивал науке ТНТ Бор 2018, одржан у просторијама

О.Ш. „3. октобар“ у Бору, као и Фестивал науке ТНТ Неготин 2018, одржан у просторијама О.Ш. „Вук Караџић“ у Неготину.

У оквиру прославе Дана студената Универзитета у Београду (4. април 2018. године) одржана је манифестација „Дан отворених врата“ са циљем упознавања будућих бруцоша са могућностима студирања на Техничком Факултету у Бору. Дана 1. октобра 2018. године, на Техничком факултету у Бору, обележен је почетак нове школске године традиционалном манифестацијом „Open Day 2018“.

Технички Факултет у Бору је у 2018. години имао и запажено учешће на четири сајма: Први Сајам образовања Универзитета у Београду, 11. Сајам образовања и стипендија “Моја каријера, мој избор” у Нишу, 62. Међународни сајам технике и техничких достигнућа у Београду и 49. Сајам образовања и наставних средстава „Образована Србија, успешна Србија“ у Београду.

На основу свега изложеног може се закључити да су резултати у области научно-истраживачког рада и међународне сарадње на Техничком факултету у Бору, Универзитета у Београду, током 2018. године били задовољавајући, али да свакако треба радити на томе да они у предстојећем периоду буду још бољи.

у Бору, 28. 01. 2018. године

Подносилац извештаја

проф. др Дејан Таникић
продекан за НИР и МС ТФ Бор

Prilog 1.

**PREGLED REZULTATA NIR-A KOJE SU OSTVARILI NASTAVNICI I SARADNICI
TEHNIČKOG FAKULTETA U BORU U 2018. GODINI**

Tip rezultata/kategorija prema MPNTR RS	Broj ostvarenih rezultata
M13	4
M14	2
M17	2
M21a	3
M21	6
M22	15
M23	24
M24	14
M29a	1
M29b	1
M29v	1
M31	6
M32	2
M33	89
M34	22
M36	1
M42	1
M51	7
M52	10
M53	11
M55	2
M61	5
M62	1
M63	7
M64	6
M66	1
Udžbenici	5

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Prilog 3.

SPISAK DOMAĆIH PROJEKATA NA KOJIMA SU 2018. GODINE UČESTVOVALI ISTRAŽIVAČI SA TEHNIČKOG FAKULTETA U BORU

Projekti finansirani od strane Ministarstva prosvete, nauke i tehnološkog razvoja Republike Srbije:

OI projekti - 9 projekata (rukovodioci 2 projekta su istraživači sa TF Bor)

TR projekti - 13 projekata (rukovodioci 3 projekta su istraživači sa TF Bor)

III projekti - 4 projekta

Red. br.	Naziv projekta	Istraživači (broj istraživač meseci)	Broj projekta	Nosilac (koordinator)	Rukovodilac
1.	Razvoj tehnologija flotacijske prerade ruda bakra i plemenitih metala radi postizanja boljih tehnoloških rezultata	Zoran Štirbanović (4), Dragiša Stanujkić (8)	TR 33023	Institut za rudarstvo i metalurgiju Bor	Dragan Milanović
2.	Monitoring elektromagnetnih zračenja mobilnih telekomunikacionih sistema u životnoj sredini, analiza molekularnih mehanizama i biomarkera oštećenja kod hronične izloženosti sa razvojem modela za procenu rizika i metoda za zaštitu od zračenja	Čedomir Maluckov (2)	III 43012	Medicinski fakultet u Nišu	Dušan Sokolović
3.	Zajednička istraživanja i uticaja jonizujućeg i UV zračenja u oblasti medicine i zaštite životne sredine	Čedomir Maluckov (6)	III 43011	Elektronski fakultet u Nišu	Goran Ristić
4.	Magmatizam i geodinamika Balkanskog poluostrva od mezozoika do danas: značaj za obrazovanje metaličnih i nemetalčnih rudnih ležišta	Miodrag Banješević (6)	OI 176016	Rudarsko-geološki fakultet u Beogradu	Vladica Cvetković
5.	Virtuelni koštano zglobni sistem čoveka i njegova primena u predkliničkoj i kliničkoj praksi	Dejan Tanikić (6)	III 41017	Mašinski fakultet u Nišu	Miroslav Trajanović
6.	Minerali Srbije: sastav, struktura, geneza, primena i doprinos održanju životne sredine	Mira Cocić (8)	OI 176010	Rudarsko-geološki fakultet u Beogradu	Mihovil Logar
7.	Nov pristup dizajniranju materijala za konverziju i skladištenje energije	Mirjana Rajčić – Vujasinović, Zoran Stević (8), Vesna Grekulović (2)	OI 172060	Institut za hemiju, tehnologiju i metalurgiju u Beogradu	Vladimir Panić

8.	Razvoj i primena distribuiranog sistema nadzora i upravljanja potrošnjom električne energije kod velikih potrošača	Darko Brodić, Vladimir Despotović (4), Srba Mladenović (8)	TR 33037	Institut za rudarstvo i metalurgiju Bor	Viša Tasić
9.	Funkcionalna analiza, stohastička analiza i primene	Ivana Đolović (8), Ivana Stanišev (0)	OI 174007	Prirodno matematički fakultet u Nišu	Dragan Đorđević
10.	Razvoj naprednih materijala i tehnologija za multifunkcionalnu primenu zasnovanih na ekološkom znanju	Vladimir Despotović (4), Dejan Tanikić (2)	TR 34005	Institut za rudarstvo i metalurgiju Bor	Ana Kostov
11.	Razvoj tehnoloških procesa prerade nestandardnih koncentrata bakra u cilju optimizacije emisije zagađujućih materijala	Nada Štrbac (8), Ivan Mihajlović (8), Milovan Vuković (4), Dejan Bogdanović (8), Aleksandra Mitovski (8), Milica Arsić (8), Đorđe Nikolić (8), Ivan Jovanović (8), Isidora Milošević (8), Predrag Đorđević (8)	TR 34023	Tehnički fakultet u Boru	Nada Štrbac
12.	Razvoj novih i unapređenje postojećih tehnoloških postupaka proizvodnje tehničkih tekstilnih materijala	Snežana Urošević (4)	TR 34020	Tehnološki fakultet u Leskovcu	Dušan Trajković
13.	Neki aspekti rastvaranja metala i prirodnih minerala	Milan Antonijević (8), Snežana Milić (8), Grozanka Bogdanović (8), Mile Dimitrijević, Marija Petrović Mihajlović (0), Milan Radovanović (8), Ana Simonović (8), Maja Trumić (8), Žaklina Tasić (8), Maja Nujkić (8)	OI 172031	Tehnički fakultet u Boru	Milan Antonijević
14.	Razvoj novih inkapsulacionih i enzimskih tehnologija za proizvodnju biokatalizatora i biološko aktivnih supstanci hrane u cilju povećanja njene konkurentnosti, kvaliteta i bezbednosti	Snežana Šerbula (6), Nenad Vušović (2), Sladana Alagić (8), Snežana Urošević (4), Ana Radojević (6), Tanja Kalinović (6), Milan Gorgievski (4), Jelena Milosavljević (8), Jelena Kalinović (6)	III 46010	Tehnološko metalurški fakultet u Beogradu	Zorica Knezević-Jugović
15.	Implementacija savremenijih tehničko-tehnoloških i ekoloških rešenja u postojećim proizvodnim sistemima Rudnika bakra Bor i Rudnika bakra Majdanpek	Milan Trumić (8), Jovica Sokolović (4), Zoran Štirbanović (4)	TR 33007	Institut za tehnologiju nuklearnih i drugih mineralnih sirovina Beograd	Vladan Milošević

16.	Savremeni višekomponentni metalni sistemi i nanostrukturni materijali sa različitim funkcionalnim svojstvima	Dragan Manasijević (8), Ljubiša Balanović (8), Uroš Stamenković (8)	OI 172037	Tehnički fakultet u Boru	Dragan Manasijević
17.	Dinamika hibridnih sistema	Jelena Đoković (8), Saša Kalinović (8)	OI 174001	Matematički institut SANU Beograd	Katica Stevanović Hedrih
18.	Razvoj tehnologije proizvodnje Rd katalizatora-hvatača za smanjenje gubitaka platine u visoko temperaturnim procesima katalize	Saša Marjanović (4)	TR 34029	Institut za rudarstvo i metalurgiju Bor	Biserka Trumić
19.	Osvajanje proizvodnje livenih legura Cu-Au,Cu-Ag,Cu-Pt,Cu-Pd,Cu-Rh poboljšanih svojstava primenom mehanizma ojačavanja žarenjem	Desimir Marković, Dragoslav Gusković (8), Svetlana Ivanov (6), Ivana Marković (8), Saša Marjanović (4), Vesna Grekulović (6), Jasmina Petrović (8)	TR 34003	Tehnički fakultet u Boru	Ivana Marković
20.	Razvoj ekoloških i energetski efikasnijih tehnologija za proizvodnju obojenih i plemenitih metala kombinacijom bioluženja, solventne ekstrakcije i elektrolitičke rafinacije	Svetlana Ivanov (2)	TR 34004	Institut za rudarstvo i metalurgiju Bor	Vesna Conić
21.	Istraživanje i praćenje promena naponsko – deformacionog stanja u stenskom masivu „in situ“ oko podzemnih prostorija sa izradom modela sa posebnim osvrtnom na tunel Kriveljske reke i Jame Bor	Vitomir Milić (2)	TR 33021	Institut za rudarstvo i metalurgiju Bor	Milenko Ljubojev
22.	Problemi nelinearne analize, teorije operatora, topologije i primene	Darko Koccev (8)	OI 174025	Prirodno matematički fakultet u Nišu	Vladimir Rakočević
23.	Usavršavanje tehnologije eksploatacije i prerade rude bakra sa monitoringom životne i radne sredine u RTB Bor-Grupa	Radoje Pantović (8), Nenad Vušović (6), Vitomir Milić (6), Miodrag Žikić (8), Snežana Šerbula (2), Miodrag Banješević (2), Saša Stojadinović (8), Jovica Sokolović (4), Dejan Petrović (8), Ana Radojević (2), Tanja Kalinović (2), Jelena Kalinović	TR 33038	Tehnički fakultet u Boru	Nenad Vušović
24.	Održivost identiteta Srba i nacionalnih manjina u pograničnim opštinama istočne i jugoistočne Srbije	Milovan Vuković (4), Danijela Voza (8)	OI 179013	Mašinski fakultet u Nišu	Dragoljub Đorđević
25.	Razvoj tehnologije za reciklažu plemenitih, retkih i pratećih metala iz čvrstog otpada Srbije do visokokvalitetnih proizvoda	Milan Gorgievski (4)	TR 34024	Institut za rudarstvo i metalurgiju Bor	Silvana Dimitrijević
26.	Razvoj modela male hidroelektrane za izolovano napajanje ribnjaka, i mikromreže sa različitim obnovljivim izvorima energije	Milena Jevtić (8)	TR 33046	Fakultet tehničkih nauka Kosovska Mitrovica	Miroljub Jevtić

Prilog 4.

SPISAK MEĐUNARODNIH PROJEKATA NA KOJIMA SU 2018. GODINE UČESTVOVALI ISTRAŽIVAČI SA TEHNIČKOG FAKULTETA U BORU

1. JST SATREPS project: Research on the Integration System of Spatial Environment Analyses and Advanced Metal Recovery to Ensure Sustainable Resource Development, 2014.-2019.

Institucije učesnice na projektu: Center for Geo-environmental Science (CGES), Akita University; International Center for Research and Education on Mineral and Energy Resources (ICREMER), Akita University; Faculty of International Resource Science; Graduate School of Engineering and Resources Science, Akita University; Japan Space Systems (J-spacesystems) i Mitsui Mineral Development Engineering Co., Ltd. (MINDECO) (Japan) i Institut za rudarstvo i metalurgiju Bor, Tehnički fakultet u Boru Univerziteta u Beogradu, Ministarstvo rudarstva i energetike Republike Srbije i Ministarstvo poljoprivrede i zaštite životne sredine Republike Srbije (Srbija)

Rukovodilac projekta: prof. dr Daizo Ishiyama (Japan)

Saradnici sa Tehničkog Fakulteta u Boru: prof. dr Nada Štrbac, prof. dr Grozdanka Bogdanović, prof. dr Milan Antonijević, prof. dr Dejan Tanikić, prof. dr Milan Trumić, prof. dr Snežana Milić, prof. dr Milan Radovanović, prof. dr Jovica Sokolović, prof. dr Saša Stojadinović, prof. dr Ljubiša Balanović, prof. dr Vesna Grekulović, prof. dr Marija Petrović Mihajlović, doc. dr Milan Gorgijevski, doc. dr Aleksandra Mitovski, doc. dr Tanja Kalinović, doc. dr Maja Trumić, doc. dr Ana Radojević, doc. dr Žaklina Tasić i ass. Boban Spalović.

Vrsta projekta: Internacionalni istraživački projekat

2. Istraživački projekat Hrvatske zaklade za znanost: Dizajniranje mikrostrukture i funkcionalnih svojstava legura s prisjetljivosti oblika na bazi bakra, 2015.-2019.

Institucije učesnice na projektu: Metalurški fakultet u Sisku Sveučilišta u Zagrebu (Hrvatska), Kemijsko-tehnološki fakultet Split Sveučilišta u Splitu (Hrvatska), Fakultet za strojništvo (Institut za tehnologiju materialov) Univerze v Mariboru (Slovenija), Naravoslovno-tehniška fakulteta Univerze v Ljubljani (Slovenija), Tehnički fakultet u Boru Univerziteta u Beogradu (Srbija), i Fakultet za metalurgiju i materijale Univerziteta u Zenici (Bosna i Hercegovina).

Rukovodilac projekta: prof. dr Mirko Gojić (Hrvatska)

Saradnici na projektu: prof. dr Ladislav Vrsalović (KTF Split), prof. dr Borut Kosec (NTF Ljubljana), prof. dr Ivan Anžel (FS-ITM Maribor), prof. dr Dragan Manasijević (TF

Bor), prof. dr Stjepan Kožuh, prof. dr Robert Pezer, doc. dr Tamara Holjevac Grgurić (MF Sisak).

Vrsta projekta: Internacionalni istraživački projekat

3. Program naučne i tehnološke saradnje Srbije i Crne Gore: Ispitivanje termičkih, strukturnih i mehaničkih visokolegiranih alatnih čelika, 2016.-2018.

Institucije učesnice na projektu: Tehnički fakultet u Boru Univerziteta u Beogradu (Srbija), Metalurško-tehnološki fakultet u Podgorici Univerziteta Crne Gore (Crna Gora).

Rukovodioci projekta: prof. dr Nada Štrbac (Srbija) i prof. dr Žarko Radović (Crna Gora).

Saradnici sa Tehničkog Fakulteta u Boru: prof. dr Nada Štrbac, prof. dr Dragan Manasijević, doc. dr Ljubiša Balanović, doc. dr Aleksandra Mitovski i doc. dr Milan Gorgievski.

Vrsta projekta: Bilateralni istraživački projekat

4. Program bilateralne saradnje Srbije i Slovačke: Obrada signala primenom modela frakcionog reda, 2017.-2018.

Institucije učesnice na projektu: Tehnički fakultet u Boru Univerziteta u Beogradu (Srbija) i Fakultet rudarstva, ekologije, kontrole procesa i geotehnologije Tehničkog univerziteta u Košicama (Slovačka).

Rukovodioci projekta: doc. dr Vladimir Despotović (Srbija) i Tomaš Škovranek, naučni saradnik (Slovačka).

Saradnici sa Tehničkog Fakulteta u Boru: doc. dr Vladimir Despotović

Vrsta projekta: Bilateralni istraživački projekat

5. Projekat mobilnosti studenata, nastavnog i nenastavnog osoblja u okviru programa "ERASMUS +" ključne akcije 1 mobilnost studenata, nastavnog i nenastavnog osoblja: Key Action 1-Mobility for learners and Staff Mobility– Higher Education Student and Staff Mobility", 2015.-2018.

Institucije učesnice na projektu: Tehnički fakultet u Boru Univerziteta u Beogradu (Srbija) i Obuda University Budapest, Keleti Faculty of Business and Management, Budimpešta (Mađarska).

Rukovodioci projekta: dr Marosi Ildiko (Mađarska) i prof. dr Ivan Mihajlović (Srbija)

Saradnici sa Tehničkog Fakulteta u Boru: prof. dr Ivan Mihajlović, doc. dr Predrag Đorđević, prof. dr Đorđe Nikolić, prof. dr Ivana Đolović, doc. dr Aleksandra Fedajev, doc. Dr Milica Arsić, prof. dr Isidora Milošević, doc. dr Danijela Voza, Violeta Stojanović, Milica Niculović

Vrsta projekta: Projekat mobilnosti studenata, nastavnog i nenastavnog osoblja

6. **Projekat mobilnosti studenata, nastavnog i nenastavnog osoblja u okviru programa "ERASMUS +" ključne akcije 1 mobilnost studenata, nastavnog i nenastavnog osoblja: Key Action 1-Mobility for learners and Staff Mobility– Higher Education Student and Staff Mobility", 2017.-2019.**

Institucije učesnice na projektu: Tehnički fakultet u Boru Univerziteta u Beogradu (Srbija) i Transylvania University in Brasov (Rumunija).

Rukovodioci projekta: dr Luminita Parv (Rumunija) i prof. dr Ivan Mihajlović (Srbija)

Saradnici sa Tehničkog Fakulteta u Boru: prof. dr Ivan Mihajlović, Enisa Nikolić, Milica Niculović

Vrsta projekta: Projekat mobilnosti studenata, nastavnog i nenastavnog osoblja

7. **Projekat mobilnosti studenata, nastavnog i nenastavnog osoblja u okviru programa "ERASMUS +" ključne akcije 1 mobilnost studenata, nastavnog i nenastavnog osoblja: Key Action 1-Mobility for learners and Staff Mobility– Higher Education Student and Staff Mobility", 2016.-2020.**

Institucije učesnice na projektu: Tehnički fakultet u Boru Univerziteta u Beogradu (Srbija) i Joensuu Campus, School of Forest Sciences University of Eastern Finland (Finska)

Rukovodioci projekta: prof. Jyrki Kangas, mr. Markku Ropo i ms. Kirsi Karjaanen, University of Eastern Finland (Finska) i prof. dr Ivan Mihajlović (TF Bor)

Saradnici sa Tehničkog Fakulteta u Boru: prof. dr Ivan Mihajlović, prof. dr Đorđe Nikolić

Vrsta projekta: Projekat mobilnosti studenata, nastavnog i nenastavnog osoblja

8. **International VISEGRAD project, 21820267: How to prevent SMEs from failure (Actions based on comparative analysis in Visegrad countries and Serbia), 2018.-2019.**

Institucije učesnice na projektu: Tehnički fakultet u Boru Univerziteta u Beogradu (Srbija), University of Ss. Cyril and Methodius in Trnava (Slovačka), Keleti Faculty of Business and Management Óbuda University (Mađarska), Tomas Bata University in Zlin (Republika Češka) i The Managers of Quality and Production Association (Poljska)

Rukovodilac projekta: prof. dr Ivan Mihajlović (Srbija)

Saradnici sa Tehničkog Fakulteta u Boru: prof. dr Ivan Mihajlović, prof. dr Isidora Milošević, Anđelka Stojanović, asistent.

Vrsta projekta: Internacionalni istraživački projekat

Prilog 5.

SPISAK PROJEKATA IZ OKVIRA SARADNJE SA PRIVREDOM NA KOJIMA SU 2018. GODINE UČESTVOVALI ISTRAŽIVAČI SA TEHNIČKOG FAKULTETA U BORU

Projekti, studije, elaborati

1. M. Žikić, R. Pantović, S. Stojadinović, D. Petrović, P. Stojković, Glavni rudarski projekat trajne obustave radova i zatvaranja rudnika na lokalitetu Velika Poljana kod Rgotine – grad Zaječar, 2018.
2. S. Mladenović, I. Marković, J. Petrović, Tehno-ekonomska analiza nove linije sinterovanja u kompaniji DOO Martenzit, 2018.
3. J. Sokolović, M. Žikić, R. Pantović, V. Milić, S. Stojadinović, D. Riznić, DRP postrojenja za proizvodnju filter antracita i studija izvodljivosti eksploatacije antracita i proizvodnje filter antracita u RA Vrška Čuka – Avramica, 2018.
4. V. Grekulović, Inoviranje postojećeg studijskog programa iz oblasti metalurškog inženjerstva, 2018./2019.
5. Z. Stević, D. Milenković, Razvoj i izrada prototipa visokotemperaturnog sistema za termički tretman materijala, 2018.
6. S. Stojadinović, M. Žikić, D. Petrović, J. Ivaz, M. Radovanović, P. Stojković, M. Voza, Elaborat o nultom stanju objekata u okolini radilišta na portalu istražnih niskopa, 2018.
7. S. Stojadinović, R. Pantović, M. Žikić, D. Petrović, J. Ivaz, M. Radovanović, P. Stojković, M. Voza, Projekat seizmičkog monitoringa miniranja na izradi niskopa prema Rudarskom projektu na istraživanju čvrstih mineralnih sirovina na hidrotermalnom Cu-Au sistemu Čukaru Peki, 2018.
8. R. Pantović, J. Ivaz, Izrada mesečnih izveštaja i Elaborata o analizi rezultata monitoringa seizmičkih efekata pri izvođenju miniranja na površinskom kopu „Veliki Krivelj“, 2018.
9. R. Pantović, J. Ivaz: Studija o rezultatima monitoringa seizmičkih efekata pri izvođenju miniranja na površinskom kopu "Južni Revir", 2018.

Tehničke kontrole projekata, veštačenja

1. V. Milić, J. Petrović, Tehnička kontrola „Tehničkog rudarskog projekta TS 10/0,4 kV, 400 kVA, „GP-1“ na koti 590 i priključnog 10 kV kablovskog voda na „Rudniku““, 2018.
2. S. Stojadinović, R. Pantović, M. Žikić, D. Petrović, J. Ivaz, M. Radovanović, P. Stojković, M. Voza, Praćenje reakcije objekata u okolini radilišta na portalu na vibracije tla usled miniranja i izrade Izveštaja povodom istog, 2018.
3. S. Stojadinović, R. Pantović, D. Petrović, Obrada i analiza rezultata merenja intenziteta vibracija tla i izrada mesečnih izveštaja, 2018.

Prilog 6.

OSTALE AKTIVNOSTI U OBLASTI NIR-A NA TEHNIČKOM FAKULTETU U BORU U 2018. GODINI

1. Izdavanje časopisa

TF Bor izdaje četiri naučna časopisa: *Journal of Mining and Metallurgy, Section A: Mining* (JMM-A); *Journal of Mining and Metallurgy, Section B: Metallurgy* (JMM-B) (štampa se od 1997. godine kao međunarodni časopis sa internacionalnim uređivačkim odborom), *Serbian Journal of Management* (SJM) (štampa se od 2006. godine kao međunarodni časopis) i *Reciklaža i održivi razvoj* (ROR) (štampa se od 2008. godine kao nacionalni časopis). Svi časopisi, finansirani su od strane MPNTR RS.

Podaci o aktuelnom pozicioniranju časopisa koje publikuje TF Bor tokom prethodne godine (prema http://kobson.nb.rs/nauka_u_srbiji/kategorizacija_casopisa_.33.html):

- **Journal of Mining and Metallurgy, Section A: Mining (JMM-A)**, svrstan je u kategoriju **M51** (prema kategorizaciji domaćih naučnih časopisa u oblasti energetike, rudarstva i energetske efikasnosti za 2018. godinu).
- **Journal of Mining and Metallurgy, Section B: Metallurgy (JMM-B)**, svrstan je u kategoriju **M22**, sa IF(2017)=1,400 i mesto 32/75 (prema kategorizaciji naučnih časopisa u oblasti Metallurgy & Metallurgical Engineering, za 2017. godinu), kao i petogodišnji IF=1,199 i mesto 35/75 u pomenutoj oblasti.
- **Serbian Journal of Management (SJM)**, svrstan je u kategoriju **M24** (prema kategorizaciji domaćih naučnih časopisa u oblasti ekonomije i organizacionih nauka za 2018. godinu).
- **Recycling and Sustainable Development (RSD)**, svrstan je u kategoriju **M51** (prema kategorizaciji domaćih naučnih časopisa u oblasti materijala i hemijskih tehnologija, domaćih naučnih časopisa za uređenje, zaštitu i korišćenje voda, zemljišta i vazduha kao i domaćih naučnih časopisa u oblasti energetike, rudarstva i energetske efikasnosti za 2018. godinu).

Od 2016. godine Tehnički fakultet izdaje i prvi studentski časopis “**Engineering Management**“.

2. Organizacija i suorganizacija naučnih skupova

- **XXVI International Conference Ecological Truth and Environmental Research (EcoTER 2018)**, Borsko jezero, Srbija, 12.-15. jun 2018. godine. Organizator je Univerzitet u Beogradu, Tehnički Fakultet u Boru a suorganizatori: Univerzitet u Banjoj Luci,

Tehnološki fakultet u Banjoj Luci, Univerzitet Crne Gore, Metalurško – tehnološki fakultet u Podgorici, Univerzitet u Zagrebu, Metalurški fakultet u Sisku, i Društvo mladih istraživača Bor. Skup je finansiran od strane MPNTR RS (predsednik organizacionog odbora je prof. dr S. Šerbula).

- **14th International May Conference on Strategic Management (MKSM 2018)**, Bor, 25.-27. maj 2018. godine. Organizator je Univerzitet u Beogradu, Tehnički Fakultet u Boru. Skup je finansiran od strane MPNTR RS (predsednik organizacionog odbora je doc. dr P. Djordjević).
- **50th International October Conference on Mining and Metallurgy (IOC 2018)**, Borsko jezero, 30. septembar - 03. oktobar 2018. godine. Organizator je Institut za rudarstvo i metalurgiju u Boru a suorganizator Univerzitet u Beogradu, Tehnički Fakultet u Boru (potpredsednik organizacionog odbora je prof. dr D. Tanikić).
- **8th International Symposium on Environmental and Materials Flow Management (EMFM 2018)**, Zenica, Bosna i Hercegovina, 14.-16. novembar 2018. godine. Organizator je Univerzitet u Zenici, Mašinski fakultet u Zenici, Bosna i Hercegovina, a suorganizatori: Univerzitet u Beogradu, Tehnički Fakultet u Boru i Trier University of Applied Sciences, Environmetal Campus in Birkenfeld, Germany (potpredsednik organizacionog odbora je prof. dr Đ. Nikolić).
- **XII Savjetovanje hemičara, tehnologa i ekologa RS**, Banja Vrućica, Teslić, Bosna i Hercegovina, 02.-03. novembar 2018. godine. Organizator je Univerzitet u Banjoj Luci, Tehnološki fakultet u Banjoj Luci, Bosna i Hercegovina a suorganizator Univerzitet u Beogradu, Tehnički Fakultet u Boru.

U okviru skupa **MKSM 2018** organizovan je studentski simpozijum: **14. Studentski simpozijum o stratezijskom menadžmentu** (predsednik organizacionog odbora je MSc I. Nikolić). U okviru skupa **EcoTER 2018** organizovana je i studentska sekcija.

3. Potpisani sporazumi o bilateralnoj saradnji sa fakultetima i institucijama iz inostranstva

- Chemical Department, Buryat State University from Ulan-Ude, Russia
- China University of Petroleum, Beijing, China
- Ekonomski fakultet Univerziteta u Zenici, Bosna i Hercegovina
- Faculty of Business and Management, University of Ruse, Ruse, Bulgaria
- Faculty of Chemistry, University Paisii Hilendarski, Plovdiv, Bulgaria
- Faculty of Economic Sciences and Law, University of Pitesti, Romania
- Faculty of Economy, University of Tirana, Albania
- Faculty of Engineering and Management, University „Eftimie Murgu“, Resita, Romania
- Faculty of International Resource Sciences, Akita University, Japan
- Faculty of Mechanical and Safety Engineering, University OBUDAI, Budapest, Hungary
- Faculty of Mechanics and Technology, Rzeszow University of Technology, Poland

- Металуршки факултет у Сиску, Свеучилишта у Загребу, Хрватска
- Faculty of Metallurgy, Technical University of Košice, Slovakia
- Faculty of Mines, University of Mining and Geology „St. Ivan Rilski“, Sofia, Bulgaria
- Faculty of natural and technical sciences, University „Goce Delčev“ of Štip, Macedonia
- Faculty of Science and Forestry of the University of Eastern Finland, Joensuu and Kuopio, Finland
- Faculty of Technological Engineering and Industrial Management, Transilvania University of Brasov, Romania
- Fakulta socialnych vied, Univerzita sv. Cyrila a Metoda v Trnave, Slovakia
- Institut za crnu metalurgiju a.d. – Nikšić, Crna Gora
- Institute of Geotechnics of Slovak Academy of Sciences, Slovakia
- Metalurško – tehnološki fakultet u Podgorici, Univerziteta Crne Gore, Crna Gora
- Metalurško – tehnološki fakultet Univerziteta u Zenici, Bosna i Hercegovina
- Mineral Deposit Research Unit at the University of British Columbia, Canada
- Physico-Technical Department, Buryat State University from Ulan-Ude, Russia
- Rudarski fakultet u Prijedoru, Univerziteta u Banja Luci, RS - Bosna i Hercegovina
- Rudarsko geološko-građevinski fakultet, Univerziteta u Tuzli, Bosna i Hercegovina
- Saobraćajni fakultet u Doboju, Univerziteta u Istočnom Sarajevu, RS – Bosna i Hercegovina
- Tehnološki fakultet u Banjoj Luci, Univerziteta u Banja Luci, RS - Bosna i Hercegovina
- Tehnološki fakultet u Zvorniku, Univerziteta u Istočnom Sarajevu, RS - Bosna i Hercegovina
- The Faculty of Electronics of National Technical University of Ukraine „Kiev Polytechnic Institute“, Ukraine
- The Federal State Budgetary Educational Institution of Higher Education „The Russian Presidential Academy of National Economy and Public Administration – RANEPA“, Russia
- University American College Skopje, Macedonia
- University of Chemical Technology and Metallurgy, Sofia, Bulgaria
- Univerzitet „Sv. Kiril i Metodij“, Tehnološko metalurški fakultet, Skopje, Makedonija
- West University of Timisoara, Faculty of economics and business administration, Romania

4. Potpisani sporazumi o bilateralnoj saradnji sa fakultetima i institucijama iz Srbije

- Fakultet tehničkih nauka u Kosovskoj Mitrovici, Univerziteta u Prištini
- Fakultet tehničkih nauka u Novom Sadu, Univerziteta u Novom Sadu
- Fakultet za hotelijerstvo i turizam u Vrnjačkoj banji, Univerziteta u Kragujevcu
- Institut za hemiju, tehnologiju i metalurgiju u Beogradu, Univerziteta u Beogradu
- Institut za nuklearne nauke „Vinča“, Univerziteta u Beogradu
- Institut za rudarstvo i metalurgiju u Boru
- Institut za tehnologiju nuklearnih i drugih mineralnih sirovina, Beograd
- Istraživačko-razvojni institut Lola, Beograd
- Mašinski fakultet u Nišu, Univerzitet u Nišu, Niš
- Rudarsko geološki fakultet u Beogradu, Univerziteta u Beogradu
- Tehnološki fakultet u Novom Sadu, Univerziteta u Novom Sadu
- Tehnološki fakultet u Leskovcu, Univerziteta u Nišu
- Tehnološko – metalurški fakultet u Beogradu, Univerziteta u Beogradu

5. Učešće u akademskim i drugim mrežama; Mobilnost studenata i nastavnog kadra

a. Associated Phase Diagram and Thermodynamics Committee

Još od 1999. godine, nastavnici i saradnici TF Bor aktivno učestvuju u radu ove naučne organizacije, koja okuplja naučnike iz oblasti termodinamike i proračuna faznih dijagrama. Pored naših naučnika, u ovom komitetu su i kolege iz Poljske (AGH Krakov, Institut za proučavanje materijala pri Poljskoj akademiji nauka Krakov), Češke (Masarikov Univerzitet Brno i Institut za fiziku iz Brna), Slovačke (Fakultet za metalurgiju i materijale iz Košica), Mađarske (Metalurški fakultet Univerziteta u Miškolcu), Rumunije (Institut za fizičku hemiju Bukurešt), Bugarske (Departman za hemiju Univerziteta u Plovdivu), Slovenije (NTF Ljubljana), Hrvatske (Metalurški fakultet Sisak), BiH (Fakultet za metalurgiju i materijale Zenica).

b. Resita Network on Entrepreneurship and Innovation

Od 2008. godine, Tehnički fakultet u Boru je, kao predstavnik Univerziteta u Beogradu, član Resita Network on Entrepreneurship and Innovation, u čijem sastavu su i sledeći univerziteti: University of applied sciences Wormes, Germany; University of Trier, Germany; University of Salzburg, Austria; GEA College Ljubljana, Slovenia; University of Zenica, BiH; University Eftimie Murgu Resita, Romania; University of Rousse, Bulgaria; University of Bucharest, Romania; University of Montenegro Podgorica, Montenegro; Politechnical University Timisoara, Romania; Open American College Skopje, Macedonia, University of Tirana, Albania. Iako je projekat DAAD, u okviru koga je formirana ova mreža okončan, mreža i dalje funkcioniše u smislu zajedničkih istraživačkih projekata. Tokom 2018. godine su aktivna dva istraživačka projekta, koja su započela 2016. i još uvek traju u okviru ove mreže, na kojima je koordinator Tehnički fakultet u Boru:

- Corporate Social Responsibility (CSR). Detalji o ovom istraživačkom projektu su dostupni na: <http://bussol4you.blogspot.com/2016/10/corporate-social-responsibility.html>
- Failure and Recovery of Small and Medium Sized Enterprises (SMEs). Detalji o ovom istraživačkom projektu su dostupni na: <http://bussol4you.blogspot.com/2016/10/failure-and-recovery-of-small-and.html>

Takođe, aktivan je i jedan projekat, na kojem je koordinator Univerzitet Angel Kuntchev, Ruse, Bugarska:

- The intergenerational family businesses as a stress management instrument for entrepreneurs. Detalji o ovom istraživačkom projektu su dostupni na: <http://intergen-theory.eu/index.html>

c. MET-NET mreža

Od 2008. godine, TF Bor je član MET-NET mreže metalurških fakulteta, čije su članice svi metalurški fakulteti iz regiona – Slovenije, Hrvatske, BiH, Crne Gore, Makedonije, Slovačke, a očekuje se i širenje mreže članovima iz Poljske, Grčke, Bugarske, Rumunije, Turske, Albanije.

d. EURAXESS Services mreža

Potpisivanjem Deklaracije o privrženosti EURAXESS Service mreži i Deklaracije o privrženosti održavanju EURAXESS Jobs portal-a, TF Bor je od 2010. godine deo Nacionalne EURAXESS mreže (www.euraxess.rs) koja brine o mobilnosti istraživača i time se priključila evropskom istraživačkom prostoru.

e. Nacionalna mreža tehnoloških brokera

U okviru EU programa integrisane podrške inovacijama, razvijena je nacionalna mreža tehnoloških brokera, sa ciljem daljeg unapređenja podrške MSP Sektoru. TF Bor je od 2013. godine deo ove nacionalne mreže, koju čini 11 fakulteta i naučno-istraživačkih institucija iz Srbije.

f. Mobilnost studenata u okviru programa "ERASMUS +" ključne akcije 1- mobilnost studenata, nastavnog i nenastavnog osoblja

Studenti osnovnih i master akademskih studija Odseka za menadžment Tehničkog fakulteta u Boru: Maja Stanujkić, Maja Veljković, Jelena Zdravković i Nikola Spasić, boravili su u okviru ostvarivanja dela studijskog programa (prolećni semestar 2017./2018. godine) na Keleti Faculty of Business and Management Óbuda University (Mađarska).

g. Aktivnosti i mobilnost u okviru međunarodnog projekta JST SATREPS (Japan)

U okviru projekta JST SATREPS (Research on the Integration System of Spatial Environment Analyses and Advanced Metal Recovery to Ensure Sustainable Resource Development), koji Tehnički Fakultet Bor realizuje zajedno sa Institutom za Rudarstvo i Metalurgiju Bor i Faculty of International Resource Sciences, Akita Univerziteta iz Japana, realizovana je poseta nastavnika i studenata iz Japana Tehničkom fakultetu u Boru. Tokom druge polovine avgusta 2018. godine izvedena su zajednička terenska istraživanja u oblasti zaštite životne sredine, pri čemu su uglavnom tretirana zagađena područja Bora i Majdanpeka.

6. Promocija i popularizacija nauke

Kao i ranijih godina, tokom 2018. godine, Tehnički Fakultet u Boru je nastavio sa tradicionalnim aktivnostima u okviru promocije i popularizacije nauke.

- Prvi međunarodni festival nauke Timočki naučni tornado organizovan je 12. maja 2018. godine u Vidinu. Pored škola iz Vidina (Bugarska) i Kalafata (Rumunija) učestvovala su i obrazovne institucije iz Bora, Zaječara i Knjaževca. Organizatori manifestacije su: Društvo mladih istraživača Bor, Tehnički fakultet u Boru, Učesnici sa fakulteta bili su: Jovica Sokolović, i studenti Rudarskog odseka.
- Borska Noć istraživača – BONIS 2018 je održana u Boru, na gradskom šetalištu, 28. 09. 2018. godine. Organizatori manifestacije su: Društvo mladih istraživača Bor, Tehnički fakultet u Boru, U.G. „Vilaž“ Bor i O.Š. „3. oktobar“ Bor. Učesnici sa fakulteta bili su: Vesna Grekulović, Aleksandra Mitovski, Milan Gorgievski, Ljubiša Balanović, Kristina Božinović, Milica Bošković i studenti sa Odseka za metaluško i tehnološko inženjerstvo.

- Festival nauke TNT Bor 2018 održan je u prostorijama O.Š. „3. oktobar“ Bor, 03. 11. 2018. Organizatori festivala su: Društvo mladih istraživača Bor, Tehnički fakultet u Boru, U.G. „Vilaž“ Bor i O.Š. „3. oktobar“ Bor. Učesnici sa fakulteta bili su: Vesna Grekulović, Aleksandra Mitovski, Milan Gorgievski, Ljubiša Balanović, Kristina Božinović, Milica Bošković, Ivan Đorđević, Dragana Medić i studenti sa Odseka za metaluško i tehnološko inženjerstvo.
- Festival nauke TNT Negotin 2018 održan je u prostorijama O.Š. „Vuk Karadžić“ u Negotinu 22. 12. 2018. Organizatori festivala su: Društvo mladih istraživača Bor, Tehnički fakultet u Boru, U.G. „Vilaž“ Bor i O.Š. „3. oktobar“ Bor. Učesnici sa fakulteta bili su: Kristina Božinović, Anđelka Stojanović i studenti sa Odseka za metalurško inženjerstvo.

U okviru proslave Dana studenata Univerziteta u Beogradu (4. april 2018. godine) na Tehničkom fakultetu je održana manifestacija „Dan otvorenih vrata“, sa ciljem upoznavanja budućih bruoša sa mogućnostima studiranja na Tehničkom Fakultetu u Boru.

7. Učešće Tehničkog fakulteta u Boru na sajmovima

Tehnički Fakultet u Boru je u 2018. godini imao zapaženo učešće na četiri sajma, i to:

- Prvi Sajam obrazovanja Univerziteta u Beogradu, Beograd, 27.-28. januar 2018. god.
- 11. Sajam obrazovanja i stipendija „Moja karijera, moj izbor“, Niš, 17.-18. april 2018. god.
- 62. Međunarodni sajam tehnike i tehničkih dostignuća u Beogradu, 21.-25. maj 2018. god.
- 49. Sajam obrazovanja i nastavnih sredstava „Obrazovana Srbija, uspešna Srbija“, Beograd, 24.-28. oktobra 2018. godine

8. Studijski boravci ili posete univerzitetima iz inostranstva

April 2018. god.

- Prof. dr Dragan Manasijević i doc. dr Ljubiša Balanović boravili su u Bosni i Hercegovini (učešće na internacionalnoj konferenciji)
- Prof. dr Ivan Mihajlović, prof. dr Isidora Milošević i doc. dr Danijela Voza boravili su u Mađarskoj (Erasmus+ projekat)
- Prof. dr Đorđe Nikolić i doc. dr Sanela Arsić boravili su u Rumuniji (dogovor u vezi potencijalnog IPA projekta)
- Doc. dr Aleksandra Fedajev boravila je u Rusiji (učešće na internacionalnoj konferenciji)

Maj 2018. god.

- Prof. dr Dragan Manasijević i doc. dr Ljubiša Balanović boravili su u Hrvatskoj (bilateralna saradnja sa Hrvatskom)
- Prof. dr Dejan Tanikić, doc. dr Ljubiša Balanović i grupa studenata sa Metalurškog odseka: Dalibor Jović, Milan Bejić, Nemanja Marić, Duško Rašković, Dejan Rašković, Marko-

Daniel Dujkić, Marko Banković i Stefan Nikorić boravili su u Poljskoj (obilazak Fakulteta za mehaniku i tehnologiju, Tehnološkog univerziteta Rzeszov u Stalowa Wola, obilazak industrijske zone grada i učešće na turniru u malom fudbalu)

- Prof. dr Jovica Sokolović boravio je u Bugarskoj (međunarodni TNT karavan)
- Doc. dr Milica Arsić boravila je u Slovačkoj (Erasmus+ projekat)

Jun 2018. god.

- Prof. dr Dragan Manasijević boravio je u Crnoj Gori (bilateralna saradnja sa Crnom Gorom)
- Prof. dr Ivana Đolović boravila je u Grčkoj (učešće na internacionalnoj konferenciji)

Jul 2017. god.

- Asistenti Jelena Ivaz i Ivica Nikolić boravili su u Poljskoj zbog pohađanja letnje škole u okviru CEEPUS projekta

Septembar 2018. god.

- Doc. dr Ljubiša Balanović, doc. dr Milan Gorgievski, doc. dr Aleksandra Mitovski, asistent Kristina Božinović i student Miljan Marković učestvovali su na stručnom seminaru u oblasti crne metalurgije u organizaciji Hebei Universtiy of Economics and Business (Shijiazhuang, Kina) pod nazivom: „Seminar on Equipment Maintenance and Practice of International Production Capacity Cooperation for Serbia 2018“. Seminar i obuka su realizovani u okviru projekta finansiranih od strane Ministarstva trgovine Narodne Republike Kine, u periodu 06.-26. septembra 2018. godine

- Doc. dr Predrag Đorđević boravio je u Rusiji (učešće na internacionalnoj konferenciji)

Oktobar 2018. god.

- Prof. dr Dejan Tanikić boravio je u SAD (učešće na internacionalnoj konferenciji)
- Prof. dr Nenad Vušović boravio je u Nemačkoj (učešće na internacionalnoj konferenciji)
- Enisa Nikolić, predavač engleskog jezika, boravila je u Rumuniji (Erasmus+ projekat)
- Prof. dr Ivan Mihajlović, prof. dr Isidora Milošević i MSc Anđelka Stojanović boravili su u Češkoj republici (Višegrad projekat)
- Prof. dr Snežana Šerbula boravila je u Turskoj (učešće na internacionalnoj konferenciji)

Novembar 2018. god.

- Prof. dr Nada Štrbac i prof. dr Snežana Urošević boravile su u Bosni i Hercegovini (učešće na internacionalnoj konferenciji)
- Prof. dr Snežana Šerbula, prof. dr Đorđe Nikolić i doc. dr Sanela Arsić boravili su u Bosni i Hercegovini (suorganizacija EMFM 2018)
- Prof. dr Ivan Mihajlović boravio je u Mađarskoj (Višegrad projekat)

- Prof. dr Milan Trumić, prof. dr Grozdanka Bogdanović, doc. dr Maja Trumić i asistenti Vladimir Nikolić i Katarina Balanović boravili su u Mađarskoj (učešće na internacionalnoj konferenciji)

Decembar 2018. god.

- Prof. dr Radoje Pantović i prof. dr Snežana Šerbula boravili su Hrvatskoj (prisustvovanje svečanom obeležavanju dana Metalurškog fakulteta u Sisku, Univerziteta u Zagrebu)
- Doc. dr Aleksandra Mitovski boravila je u Bosni i Hercegovini (prisustvovanje 12. sednici ZTMF i dogovora u vezi organizacije „Tehnologijade“)
- Prof. dr Nada Štrbac i prof. dr Radoje Pantović boravili su u Bosni i Hercegovini (prisustvovanje svečanom obeležavanju dana Rudarsko-geološko-građevinskog fakulteta Univerziteta u Tuzli)

9. Studijski boravci ili posete sa drugih univerziteta iz inostranstva

Januar 2018. god.

- Mađarska delegacija (ERASMUS+ projekat). Velencei Jolan i Reicher Regina Zsuzanna sa Obuda Univerziteta u Mađarskoj posetili su fakultet i tom prilikom održali predavanja za doktorante sa Tehničkog fakulteta u Boru.

Maj 2018.

- Doc. dr Hesam Dehghani, sa Hamedan University of Technology iz Irana posetio je TF Bor i održao predavanje na Majskoj konferenciji o strategijskom menadžmentu 2018.
- Predstavnici firme HBIS GROUP Serbia Iron & Steel d.o.o. posetili su TF Bor, i održali predavanje studentima i nastavnom osoblju fakuteta.
- Predstavnici firme NODULAR d.o.o. predstavili su svoju firmu na TF Bor.
- Prof. Daizo Ishiyama i prof. Atsushi Shibayama sa Akita Univerziteta u Japanu posetili su TF Bor i održali kurs studentima osnovnih i master studija.

Jun 2018.

- Prof. Gheorge Oancea sa Univerziteta u Brašovu, Rumunija boravio je u Boru i održao više predavanja u okviru ERASMUS+ projekta.

Avgust 2018.

- Japanska delegacija (SATREPS projekat)
 - o 15. 08. 2018. godine predavanja organizovana za članove SATREPS projekta na TF Bor i poseta RTB-u Bor
 - o 16. 08. 2018. godine sastanak sa timom SATREPS projekta, na čelu sa Prof. dr Daizo Ishiyama u Boru, predavanja na TF Bor
 - o 28. 08. 2018. godine prezentacije studenata i članova SATREPS projekta u IRM u Boru

10. Prezentacije, predavanja i nagrade

- Delegacija Ministarstva prosvete, nauke i tehnološkog razvoja koju čine: državni sekretar Ana Milićević Langović, pomoćnik ministra Spomenka Simonić, šef kabineta Marko Popadić, PR ministarstva Daniela Marinković, na čelu sa ministrom Mladenom Šarčevićem, posetila je Tehnički fakultet u Boru dana 07. 02. 2018. godine. Tom prilikom su vođeni razgovori sa rukovodstvom i studentima fakulteta o budućim pravcima saradnje.
- 20. 02. 2018. godine, u organizaciji podružnice SHD u Boru organizovano je predavanje za članove podružnice, ali i za ostale zainteresovane studente na temu „Biosorpcija jona bakra iz vodenih rastvora korišćenjem stabiljika kukuruza kao adsorbensa“. Predavač je bio doc. dr Milan Gorgievski sa Tehničkog fakulteta u Boru.
- Studenti četvrte godine sa Odseka za menadžment, ostvarili su zapažen rezultat na nacionalnom IPMA šampionatu, marta 2018. godine, u upravljanju projektima plasiravši se u šest najboljih timova u Srbiji.
- 26. 04. 2018. godine, u organizaciji podružnice SHD Bor i Odseka za metalurško inženjerstvo organizovana je naučno – stručna ekskurzija do površinskog kopa Majdanpek i arheološkog lokaliteta Rudna Glava.
- Četvoro studenata osnovnih studija Odseka za metalurško inženjerstvo: Gabrijela Trailović, Milovan Mladenović, Miloš Vuleta i Darko Šišmanović, obavilo je stručnu obuku u Kompaniji „HBIS Group Serbia“ u Smederevu na inicijativu predstavnika ove kompanije u periodu 25. 07. – 25. 09. 2018. godine.
- Na Tehničkom fakultetu u Boru, 4. aprila 2018. godine organizovan je Dan otvorenih vrata. Posetioци su imali priliku da se upoznaju sa mogućnostima Tehničkog fakulteta u Boru koji je tog dana za sve zainteresovane otvorio svoje učionice, amfiteatar, biblioteku, službe i laboratorije. U sklopu datih aktivnosti, otvorena je izložba „Milutin Milanković – život i delo“ sa pratećim sadržajima, a organizator izložbe je Udruženje Milutin Milanković Beograd.
- Dana 14. aprila 2018. godine na Tehničkom fakultetu u Boru boravili su učenici i profesori srednjih škola iz Negotina (Poljoprivredna škola sa domom učenika „Rajko Bosnić“ i Tehnička škola Negotin).
- Prva manifestacija „Humanitarno, sportsko i poetsko druženje prosvetnih radnika Bora“, u kome je kao jedan od organizatora bio i Tehnički fakultet u Boru, realizovana je 16. 06. 2018. godine. Osnovni cilj projekta, pod sloganom „Borska prosveta za radost dečijeg sveta“, uključivao je okupljanje borskih prosvetnih radnika, od predškolskog do visokoškolskog nivoa, koji svoje delatnosti obavljaju u okviru Ministarstva prosvete, nauke i tehnološkog razvoja, sa idejom da se prosvetni radnici putem manifestacija ovog tipa, kroz druženje i sportske aktivnosti, umreže i prošire mogućnosti šire saradnje.
- Jun Zhao, generalni direktor i Vladan Mihailović, generalni menadžer primarne proizvodnje kompanije HBIS GROUP Serbia Iron & Steel d.o.o. Beograd održali su predavanje na Tehničkom fakultetu u Boru 29. maja 2018. godine pod nazivom: „Current stage of iron and

steel production in HBIS Serbia and plans for further development“. Predavanju u svečanoj sali Tehničkog fakulteta u Boru, održanom u organizaciji Tehničkog fakulteta u Boru i Podružnice Srpskog hemijskog društva Bor, prisustvovao je veliki broj studenata i nastavnika.

- Ministar prosvete, nauke i tehnološkog razvoja Mladen Šarčević uručio je 19. juna 2018. godine, u Rektoratu Univerziteta u Beogradu, najbolje rangiranim studentima Ugovore o stipendiranju doktorskih studija i njihovo uključivanje u naučno-istraživačke projekte, a jedan od njih je i Goran Babić sa Tehničkog fakulteta u Boru, koji je stipendiju za doktorske studije dobio za oblast: Uredjenje, zaštita i korišćenje voda, zemljišta i vazduha.
- Dana 15. i 16. avgusta 2018. godine, Tehnički fakultet u Boru bio je domaćin gostima sa Akita univerziteta iz Japana. U okviru SATREPS projekta gosti iz Japana posećuju Tehnički fakultet u Boru već treću godinu zaredom. Profesori i studenti iz Japana imali su priliku da, u društvu svojih kolega sa Tehničkog fakulteta u Boru, obiđu laboratorije i opremu Tehničkog fakulteta. Nakon obilaska, predavači sa ove dve visokoškolske ustanove održali su niz predavanja svojim kolegama i studentima. U narednim danima studenti sa Akita univerziteta imaju intenzivnu saradnju sa studentima Tehničkog fakulteta u Boru, u okviru terenskih istraživanja u Boru i okolini, kao i tokom analiza rezultata u Institutu za rudarstvo i metalurgiju u Boru.
- Dana 1. oktobra 2018. godine, na Tehničkom fakultetu u Boru, obeležen je početak nove školske godine tradicionalnom manifestacijom Open Day 2018. Svečanim činom, u prisustvu mnogobrojnih zvanica i ostalih gostiju, nastavnika, radnika i studenata fakulteta, promovisani su studenti koji su u prethodnoj školskoj godini stekli zvanja na osnovnim i master akademskim studijama.
- Dana 12. decembra 2018. godine, u zgradi Rektorata Univerziteta u Beogradu je realizovan program podrške maturantima „Pripremi se – upiši se“ sa događajem „Sati orijentacije“, a koji je namenjen učenicima četvrte godine iz domova učenika srednjih škola na teritoriji grada Beograda.
- Centar za razvoj karijere u saradnji sa Tehničkim fakultetom u Boru realizovao je tokom školske 2018./2019. godine onlajn kurs „Veštine upravljanja karijerom“. Kurs se uspešno realizuje od maja 2017. godine za studente Tehničkog fakulteta u Boru u okviru e-Learning sistema Univerziteta u Beogradu.

ЗАПИСНИК

са састанка **Већа катедре за хемију и хемијску технологију**, одржаног 07.11.2018. године, у 13⁰⁰ сати, у учионици бр. 12. Састанку присуствују: др Слађана Алагић, ван. проф., др Милан Радовановић, ван. проф., др Ана Симоновић, доц., др Маја Нујкић, доц., др Ана Радојевић, доц., др Жаклина Тасић, доц., Јелена Милосављевић, асистент, Драгана Медић, асистент, Бобан Спаловић, асистент, Иван Ђорђевић, асистент, Саша Калиновић, асистент, Јасмина Стиковић, лаборант, Тијана Јовановић, лаборант и др Снежана Милић, ред. проф.

Дневни ред:

1. Усвајање записника са састанка Већа катедре за хемију и хемијску технологију одржаног 23.10.2018. године;
2. Разматрање предлога „Платформе за отворену науку” (предлог Министарства просвете, науке и технолошког развоја);
3. Разматрање предлога Плана и програма НИР-а и предлога Плана и програма научног подмлатка за предстојећи петогодишњи период (припрема акредитације Факултета);
4. Усвајање извештаја рецензената за рецензију помоћног уџбеника „Практикум из загађења и заштите земљишта”;
5. Предлог ментора и чланова Комисије за оцену подобности кандидата и научне заснованости теме докторске дисертације кандидата Марине Пешић, дипл. инж. неорганске технологије, студента докторских академских студија (бр. индекса 15/16), студијског програма Технолошко инжењерство;
6. Предлог чланова Комисије за одбрану семинарског рада у оквиру дефинисања теме докторске дисертације, студента докторских академских студија, Бранке Пешовски, мастер инжењера технологије (бр. индекса 06/15);
7. Доношење предлога о покретању поступка расписивања Конкурса за избор једног универзитетског наставника у звању ванредног професора за ужу научну област: хемија, хемијска технологија и хемијско инжењерство, са пуним радним временом и предлог Комисије за писање реферата;
8. Доношење предлога о покретању поступка расписивања Конкурса за избор једног универзитетског сарадника у звању асистента, за ужу научну област: хемија, хемијска технологија и хемијско инжењерство, са пуним радним временом и предлог Комисије за писање реферата;
9. Разно.

Тачка 1.

Записник са састанка Већа катедре за хемију и хемијску технологију који је одржан дана 23.10.2018. године, усвојен је без примедби.

Тачка 2.

Чланови Катедре за хемију и хемијску технологију су се информисали и разматрали материјал предлога Министарства просвете, науке и технолошког развоја под називом „Платформа за отворену науку”.

Тачка 3.

У циљу припреме нове акредитације Факултета, разматран је предлог Плана и програма НИР-а и предлог Плана и програма научног подмлатка за предстојећи петогодишњи период на студијском програму Технолошко инжењерство, задати рокови и задужења (наредни састанак Катедре и Одсека – крај новембра 2018; предлог Плана и програма НИР-а: др Милан Радовановић, др Ана Симоновић, др Жаклина Тасић; предлог Плана и програма научног подмлатка: Бобан Спаловић, Драгана Медић, Јелена Милосављевић, Иван Ђорђевић).

Тачка 4.

Рецензенти помоћног уџбеника „Практикум из загађења и заштите земљишта” аутора др Ане Симоновић: др Милан Антонијевић, редовни професор Техничког факултета у Бору, Универзитета у Београду и др Часлав Лачњевац, редовни професор Пољопривредног факултета у Београду, Универзитета у Београду, дали су позитивне рецензије предметног уџбеника. Чланови Катедре за хемију и хемијску технологију једногласно су прихватили ова позитивна мишљења и оцене рецензената и предлажу Комисији за издавачку делатност Техничког факултета у Бору, њихово усвајање и штампање уџбеника.

Тачка 5.

За чланове Комисије за оцену подобности кандидата: Марине Пешић, дипл. инж. неорганске технологије, студента докторских академских студија (бр. индекса 15/16), и оцену научне заснованости теме докторске дисертације под називом: „Физичко-хемијска карактеризација и симулациони модел за појаву мутноће вода у циљу оптимизације процеса прераде вода”, предложени су:

1. Др Милан Радовановић, ванредни професор Техничког факултета у Бору, Универзитета у Београду, члан Комисије,
2. Др Ђорђе Николић, ванредни професор Техничког факултета у Бору, Универзитета у Београду, члан Комисије и
3. Др Марјан Ранђеловић, ванредни професор ПМФ-а у Нишу, Универзитета у Нишу, члан Комисије.

За ментора се предлаже др Снежана Милић, редовни професор Техничког факултета у Бору, Универзитета у Београду.

Чланови Катедре једногласно су прихватили предлоге и прослеђују их Наставно-научном већу Факултета на усвајање. Других предлога није било.

Тачка 6.

За чланове Комисије за одбрану семинарског рада под називом: „Карактеризација и примена савремених ДСА титанијумских електрода”, у оквиру дефинисања теме докторске дисертације, студента докторских академских студија, Бранке Пешовски, мастер инжењера технологије (бр. индекса 06/15), предложени су:

1. Др Милан Радовановић, ванредни професор Техничког факултета у Бору, Универзитета у Београду, и
2. Др Снежана Милић, редовни професор Техничког факултета у Бору, Универзитета у Београду.

Чланови Катедре једногласно су прихватили предлог и прослеђује га Наставно-научном већу Факултета на усвајање. Других предлога није било.

Тачка 7.

Катедра је предложила да се покрене поступак расписивања Конкурса за избор једног универзитетског наставника у звању ванредног професора, за ужу научну област: хемија, хемијска технологија и хемијско инжењерство, са пуним радним временом.

Катедра једногласно предлаже Наставно-научном већу Факултета Комисију за писање реферата у саставу:

1. Др Милан Антонијевић, редовни професор Техничког факултета у Бору, Универзитета у Београду, председник Комисије,
2. Др Снежана Милић, редовни професор Техничког факултета у Бору, Универзитета у Београду, члан Комисије,
3. Др Миомир Павловић, научни саветник, ИХТМ Центар за електрохемију, члан Комисије.

Тачка 8.

Катедра је предложила да се покрене поступак расписивања Конкурса за избор једног универзитетског сарадника у звању асистента, за ужу научну област: хемија, хемијска технологија и хемијско инжењерство, са пуним радним временом.

Катедра једногласно предлаже Наставно-научном већу Факултета Комисију за писање реферата у саставу:

1. Др Милан Антонијевић, редовни професор Техничког факултета у Бору, Универзитета у Београду, председник Комисије,
2. Др Милан Радовановић, ванредни професор Техничког факултета у Бору, Универзитета у Београду, члан Комисије,
3. Др Марјан Ранђеловић, ванредни професор ПМФ-а у Нишу, Универзитета у Нишу, члан Комисије.

Тачка 9.

Није било дискусије.

У Бору, 08.11. 2018. год.

Шеф катедре за хемију и
хемијску технологију

Проф. др Снежана Милић