Универзитет у Београду
Технички факултет у Бору
Број: VI/4-18-6
Бор, 28. 03. 2024. године

На основу чл. 49. Статута Техничког факултета у Бору, Наставно-научно веће Факултета, на седници одржаној 28. 03. 2024. године, донело је

О Д Л У К У

I Усваја се Извештај Комисије за обезбеђење и унапређење квалитета о оцени НИР-а у 2023. години.

II Извештај Комисије за обезбеђење и унапређење квалитета о оцени НИР-а у 2023. години, саставни је део ове одлуке.

Доставити:
- председнику Комисије
- продекану за НИР
- архиви
- сајт

ПРЕДСЕДНИК
НАСТАВНО-НАУЧНОГ ВЕЋА

Декан
Проф. др Дејан Таникић

Универзитет у Београду

ТЕХНИЧКИ ФАКУЛТЕТ У БОРУ

Наставно-научном већу

На основу Члана 3. Правилника о вредновању резултата научног рада наставника и сарадника на Техничком факултету у Бору (у даљем тексту **Правилник**), број VI-4/19-4/2 од 27.05.2008. године, Комисија за обезбеђење и унапређење квалитета (у даљем тексту **Комисија**) спровела је поступак вредновања резултата научно-истраживачког рада и међународне сарадње наставника и сарадника, за 2023. годину. Након спроведеног поступка и обраде добијених резултата, Комисија у складу са Чланом 7. Правилника, Наставно-научном већу доставља следећи

ИЗВЕШТАЈ
О РЕЗУЛТАТИМА ВРЕДНОВАЊА НАУЧНОГ РАДА

1. ОПШТИ ДЕО

Поступак вредновања спровела је Комисија у саставу:

- Проф. Др Ана Симоновић, председник Комисије
- Др Ђорђе Николић, редовни професор
- Младен Радовановић, асистент
- Др Драган Манасијевић, продекан за наставу
- Др Саша Стојадиновић, продекан за материајлно-финансијско пословање
- Др Милан Радовановић, продекан за научно-истраживачки рад и међународну сарадњу

Вредновање резултата научног рада урађено је марта месеца 2024. године, а односи се на претходну календарску годину, и њиме су били обухваћени сви наставници и сарадници који су у тој години били запослени на Факултету. У оквиру Комисије за обезбеђење и унапређење квалитета, продекан за научно-истраживачки рад и међународну сарадњу проф. др Милан Радовановић, прикупио је и обрадио потребне податке и сачинио **Годишњи извештај о резултатима оствареним у научно-истраживачком раду и међународној сарадњи за 2023. годину**, који је, као саставни део овог извештаја, дат у прилогу 1.

Вредновање се односило на следеће референце:

1.1. Публиковане монографије и друго (M13-M14)
1.2. Публиковани радови у међународним часописима са IF (M21a-M23)
1.3. Публиковани радови у међународним часописима без IF (M24)

1.4. Саопштени радови на међународним скуповима (М31-М34)
1.5. Националне монографије (М42)
1.6. Публиковани радови у националним часописима (М51-М53)
1.7. Саопштени радови на националним скуповима (М63-М64)
1.8. Одбрањене докторске дисертације (М71)
1.9. Публиковани уџбеници
1.10. Цитираност у 2023.години (према SCOPUS-у)
1.11. Учешће на међународним пројектима
1.12. Учешће на пројектима које финансира министарство науке, технолошког развоја и иновација
1.13. Учешће на пројектима које финансира привреда
1.14. Организација научних скупова
1.15. Публиковање часописа

Комплетан материјал који се односи на ово вредновање предат је архиви Факултета, на даље чување.

2. ПОСЕБАН ДЕО

Након обраде података добијених у поступку вредновања збирни приказ резултата научно-истраживачког рада за 2023. годину, дат је у **табели 1.**

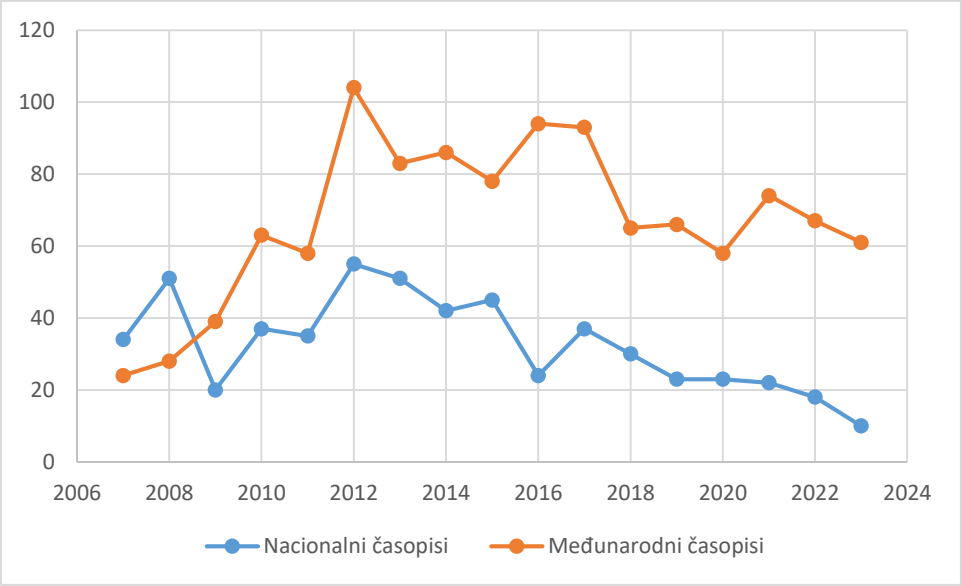
Табела 1. Збирни приказ резултата НИР-а Техничког факултета у Бору за 2023. год.

Тип резултата - категорија	Број остварених резултата	УКУПНО
М11	1	М10 – 3
М13	1	
М14	1	
М21	4	М20 - 61
М22	28	
М23	20	
М24	4	
М29b	5	
М31	2	М30 - 122
М33	108	
М34	11	
М36	1	
М51	7	М50 - 10
М53	2	
М54	1	
М63	1	М60 - 5
М64	4	
Уџбеници	4	4
Цитираност	408 радова је цитирано 1576 пута	

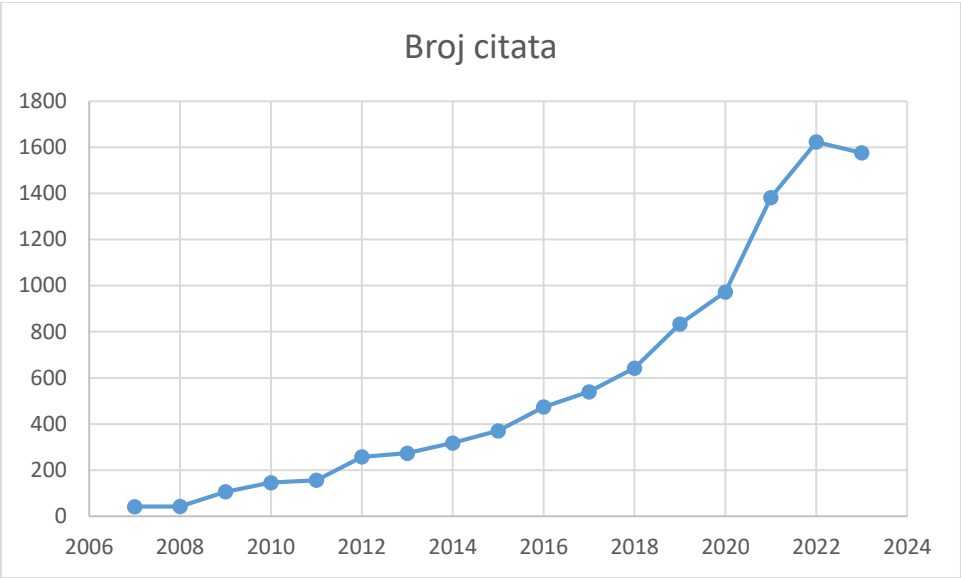
Истраживачи ангажовани на пројектима финансираних од стране НИТРА	56
Истраживачи ангажовани на домаћим пројектима Фонда за науку и/или Фонда за иновациону делатност	8
Међународни пројекти	9
Пројекти финансирани од стране привреде и остали пројекти	20
Учешће у организацији нучних скупова	4 међународна научна скупа
Публиковани часописи	4 научна часописа + 1 студентски часопис

Упоређивање остварених резултата за 2023. годину са резултатима из претходних година извршено је табеларно и графички и то:

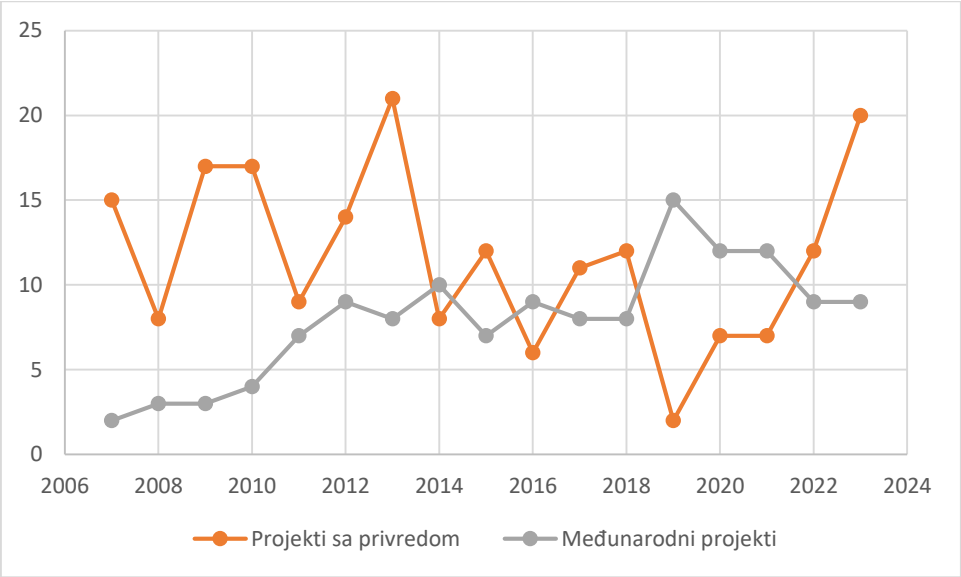
- Слика 1 – Преглед броја објављених радова групе резултата М20 и М50,
- Слика 2 – Преглед броја цитата у часописима са IF (JCR листа),
- Слика 3 – Преглед броја пројеката на нкојима су учествовали наставници и сарадници.



Слика 1. Преглед броја радова групе резултата М20 и М50 за период 2007 – 2023. год.



Слика 2. Преглед броја цитата у часописима са IF за период 2007 – 2023. год.



Слика 3. Преглед броја пројеката на којима су учествовали наставници и сарадници за период 2007 – 2023. год.

3. ЗАКЉУЧЦИ

Након спроведеног поступка вредновања и обраде добијених података, које су остварили наставници и сарадници у области научно-истраживачког рада и међународне сарадње у 2023. години, закључено је следеће:

1. Упоређењу са резултатима постигнутим у 2022. години, резултати постигнути у 2023. години слабији су у следећим категоријама:

М 10	за 13 референци	за 81,2 %
М 20	за 6 референци	за 8,9 %
М 50	за 8 референци	за 47 %
М 60	за 5 референци	за 50 %
Цитираност: број радова	за 16 радова	за 3,8 %
број цитата	за 47 цитата	за 2,9 %
Одбрањена докторска дисертација	1 у односу на 2 у 2022. години	

2. У поређењу са резултатима постигнутим у 2022. години, резултати постигнути у 2023. години бољи су у следећим категоријама:

М 30	за 26 референци	за 27 %
Уџбеници	за 3 уџбеника	за 25 %
Пројекти	14 у односу на 10 у 2022. години	
Пројекти са привредом	20 у односу на 12 у 2022. години	

3. У поређењу са резултатима постигнутим 2022. године, резултати постигнути у 2023. години остали су на истом нивоу у следећим категоријама:

   Публиковање часописа
   Организовање научних скупова

На основу укупних остварених резултата, може се закључити да су током 2023. године постигнути задовољавајући резултати, који су слабији у односу на 2022. годину. Запажен је мањи број радова публикованих у категорији М20, па би истраживачи са Техничког факултета у Бору требало да уложе још већи труд, како се овај силазни тренд не би наставио у наредној години. И даље је приметно опадање броја радова објављених у националним часописима, па треба активно порадити на охрабривању, првенствено млађих истраживача, да своје резултате публикују у часописима категорије М50.

Прилог: Годишњи извештај о резултатима НИР-а за 2023. годину

У Бору, март 2024. године

за Комисију председник

_____

Проф. др Ана Симоновић

Достављено:
1x Наставно-научном већу
1x Архиви Факултета
1x Архиви Комисије

Прилог 1

Годишњи извештај о резултатима остварeним у научно-истраживачком раду и међународној сарадњи за 2023. годину

Универзитет у Београду,

Технички факултет у Бору

Годишњи извештај о резултатима остваренim у научно-истраживачком раду и међународној сарадњи за 2023. годину

Бор,

март 2024. године

ОСНОВНИ ПОДАЦИ

Годишњи извештај о раду у области научно-истраживачког рада и међународне сарадње (НИР и МС) на Техничком факултету у Бору за 2023. годину састоји се из следећих прилога:

- Списак референци наставника и сарадника са ТФ Бор, категорије од М10 до М90 (Прилог 1);
- Списак цитираних радова наставника и сарадника са ТФ Бор (Прилог 2) - Прилози 2.1, 2.2., 2.3 и 2.4, ангажованих на студијским програмима: Рударско инжењерство, Металуршко инжењерство, Технолошко инжењертво и Инжењерски менаџмент, редоследно;
- Списак домаћих пројеката и ангажовани наставници и сарадници са ТФ Бор (Прилог 3);
- Списак међународних пројеката на којима су укључени наставници и сарадници са ТФ Бор (Прилог 4);
- Списак одобрених пројеката финансираних из Фонда за науку Републике Србије на којима учествовују истраживачи са Техничког факултета у Бору (Прилог 5);
- Списак пројеката остварених у сарадњи са привредом на којима су укључени наставници и сарадници са ТФ Бор (Прилог 6);
- Списак осталих активности факултета од значаја за НИР и МС (издавачка делатност, научни скупови, билатерална сарадња, промотивне активности, учешће на сајмовима, научна и стручна предавања и друге активности) (Прилог 7).

У складу са *Правилником о стицању истраживачких и научних звања* (https://prosveta.gov.rs/wp-content/uploads/2021/01/Pravilnik-o-sticanju-istrazivackih-i-naucnih-zvanja-159_2020-82.pdf) 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 2023. године, који су представљени у прилозима може се закључити следеће:

1. Публиковане монографске студије и радови у међународним часописима, категорије М10+М20: 3+61=64 радова;
2. Објављени радови у националним часописима, категорије М50: 10 радова;
3. Објављени уџбеници: 4 уџбеника;
4. Саопштени радови на међународним (М30) и националним (М60) скуповима: 122+5=127 радова;
5. Ангажовање на пројектима:

a. Истраживачи ангажовани по Уговору о реализацији и финансирању научноистраживачког рада НиО у 2023. години, код Министарства науке, технолошког развоја и иновација Републике Србије: 56.
b. Истраживачи ангажовани на пројектима финансираним од стране Фонда за науку Републике Србије: 8
c. Међународни пројекти: 9
d. Пројекти финансирани од стране привреде и остали пројекти: 20

6. Цитираност у 2023. години (SCOPUS резултати): 408 радова је цитирано 1576 пута.

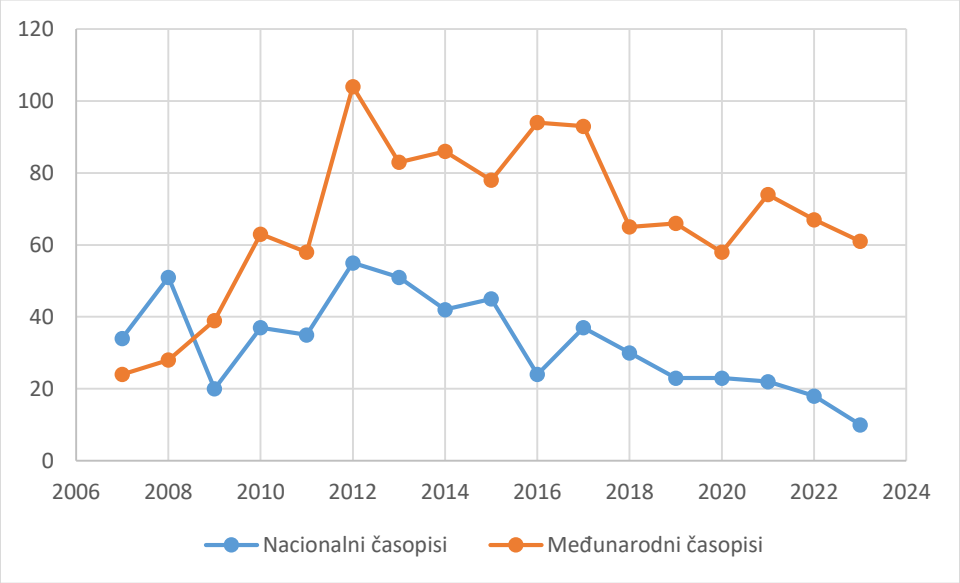
Збирни приказ резултата НИР-а за 2023. годину дат је у Табели 1.

Табела 1. Збирни приказ резултата НИР-а Техничког факултета у Бору за 2023. год.

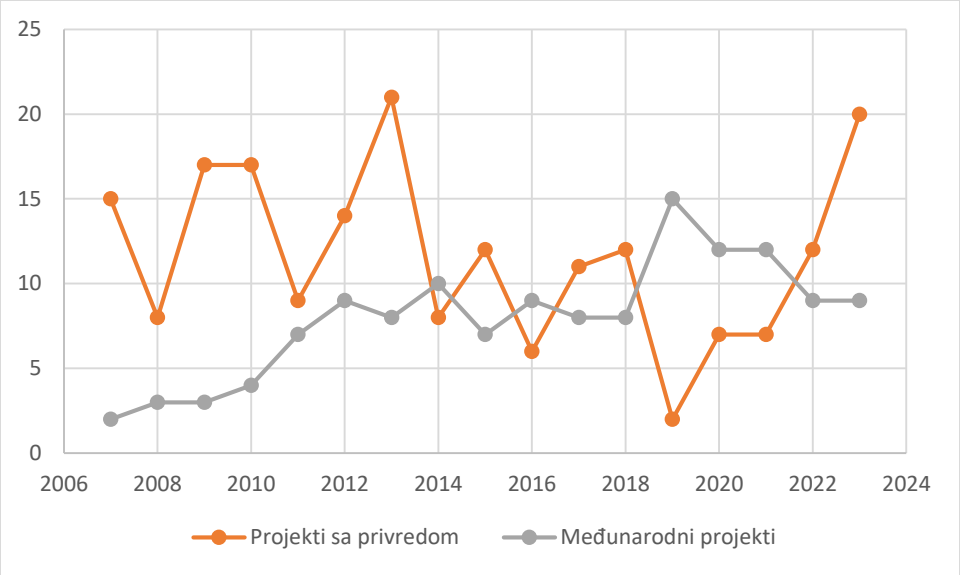
Тип резултата - категорија, према НИТРА	**Број остварених резултата**	**УКУПНО**
M11	1	M10 – 3
M13	1	
M14	1	
M21	4	M20 – 61
M22	28	
M23	20	
M24	4	
M29b	5	
M31	2	M30 – 122
M33	108	
M34	11	
M36	1	
M51	7	M50 - 10
M53	2	
M54	1	
M63	1	M60 – 5
M64	4	
Уџбеници		4
Цитираност	408 радова је цитирано 1576 пута	
Истраживачи ангажовани на пројектима финансираних од стране МПНТР РС	56	
Истраживачи ангажовани на домаћим пројектима Фонда за науку и/или Фонда за иновациону делатност	8	
Међународни пројекти	9	
Пројекти финансирани од стране привреде и остали пројекти	20	

Учешће у организацији нучних скупова	4 међународна научна скупа
Публиковани часописи	4 научна часописа + 1 студентски часопис

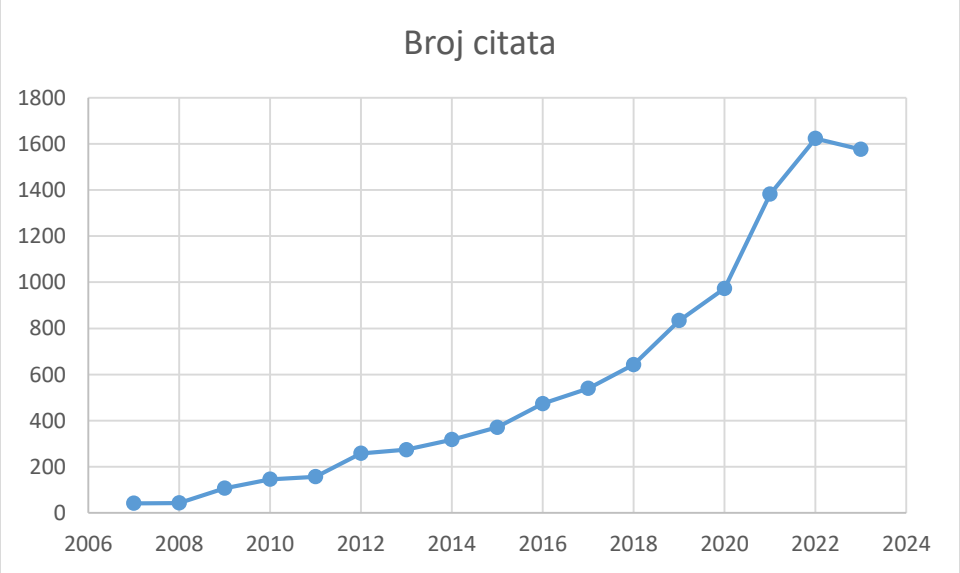
У наставку, на Сликама 1, 2 и 3, и у Табели 2, приказано је како се кретао број остварених резултата на ТФ у Бору у периоду од 2007. до 2023. године. У овом извештају упоређени су остварени резлултати за 2023. годину са претходним, а посебно са оним за прошлу, 2022. годину.



Слика 1. Упоредни приказ броја радова објављених у међународним и домаћим часописима (М20 и М50) на ТФ Бор у периоду 2007 – 2023. год.



Слика 2. Упоредни приказ броја домаћих, међународних и пројеката са привредом реализованих на ТФ Бор у периоду 2007 – 2023. год.



Слика 3. Упоредни приказ броја цитата на JCR листи за ТФ Бор за период 2007 – 2023. год.

Имајући у виду резултате, остварене у оквиру научно-истраживачких активности на Техничком факултету у Бору, они се могу сматрати задовољавајућим у односу на актуелно стање у области просвете и науке. У односу на претходну годину приметан је одређени пад у броју публикованих радова у часописима категорије М20. Међутим, упоређујући постигнуте резултате у погледу објављених радова у часописима категорије М20 у 2023. години са резултатима који су постигнути у претходном периоду (од 2018. године)

приметно је да се број објављених радова у часописима категорије М20 налази у одређеним границама без неких израженијих одступања. Број публикованих радова у часописима категорије М20 у периоду од 2018. до 2023. године који су публиковали истраживачи са Техничког факултета у Бору је : 2023 – 61 рад, 2022 – 67 радова, 2021 – 74 радова, 2020 – 58 радова, 2019 – 66 радова, 2018 – 65 радова. Посматрањем још дужег временског периода, од 2012. године, приметан је пад броја публикованих радова у часописима категорије М20 и то посебно у односу на период од 2012. до 2017. године. У том периоду број радова, који су објавили истраживачи са Техничког факултета у Бору, у међународним часописима категорије М20 је био: 2012 – 97 радова, 2013 – 81 рад, 2014 – 83 рада, 2015 – 77 радова, 2016 – 76 радова, 2017 – 96 радова. Број радова, који су публиковани истраживачи са Техничког факултета у Бору, у домаћим часописима категорије М50 опада из године у годину: 2023 – 10 радова, 2022 – 18 радова, 2021 – 22 рада, 2020 – 23 рада, 2019 – 23 рада, 2018 – 30 радова. Детаљније упоређујући резултате постигнуте по категоријама М21а, М21, М22 и М23 евидентно је да је у 2023. години дошло до пада броја публикованих радова у свим категоријама, изузев броја радова публикованих у часописима категорије М22. Посебно је важно даље радити на порасту броја објављених радова у часописима категорије М20, а нарочито у часописима категорија М21а и М21. У 2023. години публиковано је 52 рада у часописима категорије М21, М22 и М23 при чему су 44 наставника и сарадника са Техничког факултета у Бору наведена као аутори и/или коаутори на тим радовима, што чини 52% од броја наставника и сарадника ангажованих на Техничком факултету у Бору. Однос укупног броја наставника и сарадника и броја индексираних радова износи 0,72 и нижи је у поређењу са 2022. годином када је тај однос био 0,8. У табели 3 приказана је расподела радова публикованих током 2023. године према импакт факторима.

Табела 2. Упоредни приказа резултата категорија М21а, М21, М22 и М23 за период 2018 – 2023. година

Година	**2018.**	**2019.**	**2020.**	**2021.**	**2022.**	**2023.**
М21а	3	3	4	9	4	/
М21	6	8	4	18	8	4
М22	15	16	18	13	16	28
М23	24	21	18	32	28	20

Табела 3. Расподела научно-истраживачких радова по импакт факторима у 2023. години

	>10	5,1-10	4,1-5	3,1-4	2,1-3	1,1-2	0-1	Σ
М21а	/	/	/	/	/	/	/	/
М21	/	2	1	/	1	/	/	4
М22	/	/	/	10	13	4	1	28
М23	/	/	/	1	4	3	12	20

У 2023. години је настављен дугогодишњи тренд пада броја објављених радова у домаћим часописима категорије М50. Приметно је да разултате својих истраживања у домаћим часописима објављује мали број наставника највиших звања. Млађи истраживачи периодично објављују резултате својих истраживања у домаћим часописима категорије М50. Главни разлог је то што се они мање бодују према Правилнику о вредновању резултата научноистраживачког рада и сходно томе имају мали значај у избору у наставна звања на државним универзитетима.

У току 2023. године настављено је финансирање пројектних активности научно-истраживачких организација (НИО), од стране Министарства науке, технолошког развоја и иновација Републике Србије. Фебруара 2023. године, потписан је Уговор о реализацији и финансирању научноистраживачког рада НИО у 2023. години са ресорним Министарством. Децембра 2022. године припремљен је извештај у којем су представљени остварени резултати истраживача са НИО, ангажованих на основу наведеног уговора са Министарством. Такође, припремљен је и план истраживања НИО за 2024. годину. Током 2023. године, на основу уговора потписаног са Министарством, на Факултету је било ангажовано 56 истраживача.

У оквиру пројекта *Composite clays as advanced materials in animal nutrition an dbiomedicine* (*AniNutBiomedCLAYs*), који је одобрио Фонд за науку у оквиру програма ИДЕЈЕ, чија реализација је текла током 2023. године, као члан пројектног тима ангажована је проф. др Мира Цоцић, редовни професор Техничког факултета у Бору. У оквиру програма ПРИЗМА који је финансиран од стране Фонда за науку Републике Србије одобрен је пројекат: *Low-dimensional nanomaterials for energy storage and sensing applications: Innovation through synergy of action* (ASPIRE) чија је реализација почела крајем 2023. године. На овон пројекту ангажовани су као истраживачи проф. др Зоран Стевић, редовни професор Техничког факултетаа у Бору и Предраг Столић, асистент. Поред овог пројекта одобрени су и пројекти такође финансирани из средстава Фонда за науку Републике Србије: Characterization and technological procedures for recycling and reusing of the Rudnik mine flotation tailings (REASONING). Са Техничког факултета у Бору, као истраживачи на пројекту ангажовани су: проф. др Грозданка Богдановић, редовни професор и Драгана Мариловић, асистент; Improving participation in spatial planning of mining areas (MINIPART). Проф. др Милован Вуковић, редовни професор на Техничком факултету у Бору је ангажован као истраживач на пројекту; Geodynamics of basins above subducted slabs: an integrated modelling study of tectonics, sedimentation, and magmatism in the Timok Magmatic Complex, истраживач ангажован на пројекту је проф. др Радоје Пантовић, редовни професор.

Кроз зелени програм сарадње привреде и науке који је такође финансиран од стране Фонда за науку Републике Србије, одобрен је и током 2023. године реализован пројекат под називом: *Support Systems for Smart, Ergonomic and Sustainable Mining Machinery Workplaces* (SmartMiner). Пројекат се реализује у сарадњи са Машинским факултетом Универзитета у

Београду. На пројекту су ангажовани следећи наставници са Техничког факзлтета у Бору: проф. др Ђорђе Николић, редовни професор, проф. др Исидора Милошевић, редовни професор и др Анђелка Стојановић, доцент.

Током 2023. године свој рад је наставио Интердисциплинарни пројектни тим Техничког факултета у Бору. У 2023. години Интердисциплинарни пројектни тим је добио нови састав у циљу ефикаснијег рада у наредном периоду. Наведени тим је активно радио на претраживању отворених пројектних позива на којима Факултет може да учествује на различите начине: са новим пројектним идејама, припремом пројектнтих апликација, укључивањем студената у пројектне активности, као и организацијом допунских тренинга и едукација за припрему пројектних пријава. Учешће у активностима Интердисциплинарног пројектног тима је отворено за све наставнике и сараднике Техничког факултета у Бору. У наредном периоду је планирано још активније ангажовање тима у налажењу и планирању пројектних активности на Факултету. У 2023. години Интердисциплинарни пројектни тим је припремио пријаве за отворене позиве у оквиру пројекта промоције и популаризације науке који је био расписан од стране Центра за промоцију науке. Такође, током 2023. године чланови Интердисциплинарног пројектно тима су припремили и предлог пројекта у оквиру позива који је расписан од стране The Alliance of National and International Science Organizations for the Belt and Road Regions – ANSO.

Табела 4. Упоредни приказ резултата категорија М30, М60, М70 и М80 за период 2013 –2023

Година	2013.	2014.	2015.	2016.	2017.	2018.	2019.	2020.	2021.	2022.	2023.
Саопштења на међународним скуповима (М30)	174	165	191	158	175	120	120	85	80	94	122
Саопштења на домаћим скуповима (М60)	44	32	33	6	24	20	16	2	19	10	5
Одбрањене докторске дисертације (М70) (само запослени на ТФ Бор)	8 (3+5)	1	9 (1+8)	4	3	0	2	1	1	1	1
Техничко-развојна решења (М80)	9	4	6	0	0	0	0	0	0	1	1

У области сарадње са привредом, у 2023. години настављен је позитиван тренд у односу на претходне године. Током 2019. године на Техничком факултету у Бору реализована су два (2) пројекта у сарадњи са привредом. У 2020. и 2021. било је седам (7) таквих пројеката, док су у 2022. години наставници и сарадници са Техничког факултета у Бору учествовали у реализацији дванаест (12) пројеката сарадње са привредом. Током 2023. године на Техничком факултету у Бору истраживачи су учествовали у активностима на 20 (двадесет) пројеката сарадње са привредом. Овакав тренд пораста броја пројеката сарадње са привредом је веома охрабрујућ и очекује се даљи раст броја ове врсте пројекта. Осетан пораст броја пројеката, који се остварују у сарадњи с привредом, делимично је последица појачаних улагања у индустријске активности компанија које послују у овом делу Србије. Савет послодаваца Техничког факултета у Бору који је формиран 2020. године је тело које чине представници привреде, из поља научних и стручних области у којима Технички факултет у Бору има акредитоване студијске програме, као и представници послодаваца који су заинтересовани за запошљавање кадра који се школује на Факултету. Уз помоћ нааведеног тела, постоји могућност даљег пораста броја пројеката по основу сарадње са привредом у наредном периоду.

Наставници и сарадници са Техничког факултета у Бору, у 2023. години су учествовали у реализацији 9 међународних истраживачких пројеката као и у пројектима међународне мобилности наставника, студената и ненаставног особља.

У 2023. години дошло је до пораста броја саопштења на конференцијама из категорије М30 у односу на претходне године. Број објављених резултата на научним скуповима категорије М30 кретао се на следећи начин: 2013 – 174 саопштења, 2014 – 165 саопштења, 2015 – 191 саопштење, 2016 – 158 саопштења, 2017 – 175 саопштења, 2018 – 120 саопштења, 2019 – 120 саопштења, 2020 – 85 саопштења, 2021 – 83 саопштења, 2022 – 96 саопштења, 2023 – 122 саопштења Међутим, настављен је пад у броју саопштења на домаћим научним скуповима категорије М60. Број саопштења на домаћим научним скуповима: 2013 – 44 саопштења, 2014 – 32 саопштења, 2015 – 33 саопштења, 2016 – 6 саопштења, 2017 - 24 саопштења, 2018 – 20 саопштења, 2019 – 16 саопштења, 2020 – 2 саопштења, 2021 – 18 саопштења, 2022 – 10 саопштења, 2023 – 5 саопштења У наредном периоду се очекује да се број саопштења на домаћим конференцијама неће повећавати због незнатног вредновања резултата ове врсте код избора за наставна и истраживачка звања, као и због све учесталијег прерастања националних у интернационалне конференције.

Током 2023. године, остварена је значајна цитираности радова наставника и сарадника Техничког факултета у Бору. Број цитираних радова, чији су аутори наставници и сарадници на Техничком факултету у Бору, кретао се на следећи начин: 111 радова цитираних 258 пута (2012), 112 радова цитираних 274 пута (2013), 145 радова цитирана 318 пута (2014), 157 радова цитираних 371 пут (2015), 202 рада цитирана 474 пута (2016), 221 рад цитиран 540 пута (2017), 222 рада цитирана 643 пута (2018), 281 рада цитирана 834 пута (2019), 94 рада је цитирано 973 пута (2020), 370 радова је цитирано 1382 пута (2021), 424 рада цитирано је 1623 пута (2022). Током 2023. године остварена је следећа цитираност: 408 радова је цитирано 1576 пута. По студијским програмима остварена је следећа цитираност

у 2023. години: рударско инжењерство – 62 рада је цитирано 197 пута; металуршко инжењерство – 83 рада је ситирано 217 пута; технолошко инжењерство – 96 радова је цитирано 431 пут; инжењерски менаџмент – 167 радова је цитирано 731 пут. Расподела остварене цитираности у 2023. години по катедрама је следећа: катедра за површинску експлоатацију лежишта минералних сировина – 13 радова је цитирано 36 пута; катедра за подземну експлоатацију лежишта минералних сировина – 20 радова је цитирано 52 пута; катедра за минералне и рециклажне технологије – 31 рад је цитиран 117 пута; катедра за металуршко инжењерство – 72 рада је цитирано 178 пута; катедра за прерађивачку металургију – 20 радова је цитирано 56 пута; катедра за хемију и хемијску технологију – 58 радова је цитирано 319 пута; катедра за инжењерство заштите животне средине – 21 рад је цитиран 69 пута; катедра за менаџмент – 89 радова је цитирано 273 пута и катедра за природно математичке и опште техничке науке – 96 радова је цитирано 506 пута. Високој цитираности посебно доприносе неколико наставника који остварују на десетине, па и стотине цитата (проф. др. Драгиша Станујкић, проф. др Марија Петровић Михајловић, проф. др Милан Радовановић, проф. др Ђорђе Николић, проф. др Жаклина Тасић и други). Иако је укупни број публикованих радова мањи него у претходном периоду, очигледно је да расте њихова видљивост и прихватање у научној заједници, који доводе до повећања броја цитата. Постигнуту високу цитираност могуће је објаснити кумулативним ефектом, односно протоком времена, чиме се повећавају изгледи да раније објављени радови постигну високу цитираност.

Радови категорије М20, које су током 2023. године објавили наставници и сарадници на Техничком факултету у Бору, припадају следећим научним областима: *Metallurgy & Metallurgical Engineering, Operations Research, Productio optimization, Safety Science, Management Science, Decision Science, CSR, Mining and Mining Science, Information Technology, Machine Learning, Computer Science, Information Systems, Energy and Fuels, Engineering Civil, Economics, Business, Chemistry and Chemical Engineering, Environmental Studies, Environmental Sciences, Ecology, Mathematics, Mathematics Applied.*

Факулет је, у складу са дугогодишњом традицијом, током 2023. године наставио да издаје своја четири научна 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) и
- *Recycling and Sustainable Development* (RSD).

Од 2016. године Технички факултет у Бору издаје и студентски часопис *Engineering Management*. Током 2023. године, и овај часопис је публикован према планираној динамици.

Током протекле године Технички факултет у Бору је учествовао у организацији четири научна скупа:

- 54th International October Conference on Mining and Metallurgy – IOC 2023, Бор, 18 – 21. октобар 2023.

- 19th International May Conference on Strategic Management – IMCSM23, Бор, 25. мај 2023.
- 30th International Conference Ecological Truth and Environmental Research - EcoTER′23, Стара планина, 20 – 23. јун 2023.
- 15th International Mineral Processing and Recycling Conference – IMPRC, 17 – 19. мај 2023.

У оквиру симпозијума ИМКСМ 2023 организован је студентски симпозијум: 18. Студентски симпозијум о стратегијском менаџменту. У оквиру скупа EcoTER′23 организована је студентска секција. Такође, организован је 8th International Student Conference on Technical Sciencis – ISC 2023 u okviru IOC 2023.

Током 2023. године настављена је сарадња са многобројним организацијама из земље и иностранства. Потписани су многи билатерални споразуми и уговори о пословно-техничкој сарадњи са релевантним високошколским организацијама, научним институтима и другим установама из сродних области из Србије и иностранства.

Такође, током 2023. године, настављене су и активности у оквиру академских мрежа у којима је Технички факултет у Бору активан партнер: MET-NET мрежа, CESAER мрежа, Resita Network, EURAXESS мрежа, Српска национална мрежа технолошких брокера. Кроз међународне пројекте, студијске боравке наших истраживача у иностранству, посете страних делегација, сарадње код публикације часописа и скупове које Факултет организује, остварени су даљи значајни контакти са академским и научним институцијама, са циљем развоја даљих активности у смислу будућих пројектних апликација и међународне размене студената и наставног особља.

Током 2023. године промоција Факултета организовао је кроз посете свим средњим школама у Бору и бројним средњим школама у ширем региону. Промоција је реализована и путем интернета, друштвених мрежа, штампаних и електронских медија. Факултет је у 2023. години потписао уговор са професионалном маркетиншком кућом са седиштем у Нишу како би се интензивирала промоција Факултета путем електронских медија, интернета и друштвених медија. Као један од резултата сарадње добијени су промотивни филмови које ће Факултет користити и у наредном периоду.

На основу свега наведеног може се закључити да су резултати у области научно-истраживачког рада и међународне сарадње на Техничком факултету у Бору, Универзитета у Београду, током 2023. године били задовољавајући, али да свакако треба радити на томе да они у предстојећем периоду буду још бољи. У наредном периоду се мора пре свега активно радити на повећању броја радова публикованих у часописима категорија М20 и М50, као и на активнијем ангажовању свих наставника и сарадника приликом писања радова и публиковања научно-истраживачких резултата. Фокус у наредном периоду треба бити стављен на публиковање резултата у часописима категорије М21а и М21 са већим импакт фактором како би публиковани резултати били видљивији и остварили већи утицај у истраживачкој заједници. Такође, сарадња Техничког факултета у Бору и привредних субјеката у циљу израде различитих типова пројекта се треба наставити већим интензитетом. Међународни пројекти представљају битан део научно-истраживачког рада

и у наредном периоду један од фокуса наставника и сарадника мора бити на праћењу конкурса, припреми пројектних предлога и даљим активностима у циљу добијања што већег броја међународних пројеката.

У Бору, март 2024. године

Подносилац извештаја

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Проф. др Милан Радовановић

Продекан за НИР и МС ТФ Бор

Прилог 1.

ПРЕГЛЕД РЕЗУЛТАТА НИР-А КОЈЕ СУ ОСТВАРИЛИ НАСТАВНИЦИ И САРАДНИЦИ ТЕХНИЧКОГ ФАКУЛТЕТА У БОРУ У 2023. ГОДИНИ

Тип резултата - категорија	Број остварених резултата
M11	1
M13	1
M14	1
M21	4
M22	28
M23	20
M24	4
M29b	5
M31	2
M33	108
M34	11
M36	1
M51	7
M53	2
M54	1
M63	1
M64	4
Уџбеници	4

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Прилог 2.

ПРЕГЛЕД ЦИТИРАНОСТИ ИСТРАЖИВАЧА СА ТФ У БОРУ У 2023. ГОДИНИ.

Цитираност је у овом извештаја приказана за сваки студијски програм понаособ, почев од рударског и металушрког инжењерства, преко технолошког инжењерства, до инжењерског менаџмента; прилози 2.1, 2.2, 2.3 и 2.4, редоследно.

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Прилог 2.4. Цитираност радова истраживача са студијског програма Инжењерски менаџмент

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СПИСАК ИСТРАЖИВАЧА СА ТЕХНИЧКОГ ФАКУЛТЕТА У БОРУ АНГАЖИВАНИХ НА ДОМАЋИМ ПРОЈЕКТИМА 2023. ГОДИНЕ

Пројектне активности које је финансирало Министарство науке, технолошког развоја и иновација Републике Србије:

У току 2023. године Министарство науке, технолошког развоја и иновација наставило је са праксом институцијалног финасирања научноистраживачког рада. Ангажовање истраживача се тиме изражава у оквиру Научноистраживачке организације (НИО), односно на нивоу Техничког факултета у Бору, а у складу са Уговором о реализацији и финансирању научноистраживачког рада НИО у 2023. години (бр. 451-03-47/2023-01/200131).

У наставку извештаја је приложен списак истраживача који су у току 2023. године били ангажовани на пројектним активностима које је фиансирало Министарство науке, технолошког развоја и иновација.

Редни број	Име	Презиме	Звање	Научноистраживачка организација
1	Љубиша	Балановић	Ванредни професор	Универзитет у Београду, Технички факултет у Бору
2	Маја	Нујкић	Ванредни професор	Универзитет у Београду, Технички факултет у Бору
3	Милан	Радовановић	Ванредни професор	Универзитет у Београду, Технички факултет у Бору
4	Милена	Јевтић	Доцент	Универзитет у Београду, Технички факултет у Бору
5	Александра	Митовски	Доцент	Универзитет у Београду, Технички факултет у Бору
6	Зоран	Стевић	Редовни професор	Универзитет у Београду, Технички факултет у Бору
7	Марија	Петровић-Михајловић	Ванредни професор	Универзитет у Београду, Технички факултет у Бору
8	Ана	Радојевић	Доцент	Универзитет у Београду, Технички факултет у Бору
9	Чедомир	Малуцков	Редовни професор	Универзитет у Београду, Технички факултет у Бору

10	Урош	Стаменковић	Доцент	Универзитет у Београду, Технички факултет у Бору
11	Павле	Стојковић	Асистент	Универзитет у Београду, Технички факултет у Бору
12	Јелена	Милосављевић	Асистент	Универзитет у Београду, Технички факултет у Бору
13	Јовица	Соколовић	Ванредни професор	Универзитет у Београду, Технички факултет у Бору
14	Исидора	Милошевић	Ванредни професор	Универзитет у Београду, Технички факултет у Бору
15	Весна	Грекуловић	Ванредни професор	Универзитет у Београду, Технички факултет у Бору
16	Драгиша	Станујкић	Ванредни професор	Универзитет у Београду, Технички факултет у Бору
17	Предраг	Ђорђевић	Ванредни професор	Универзитет у Београду, Технички факултет у Бору
18	Милица	Арсић	Ванредни професор	Универзитет у Београду, Технички факултет у Бору
19	Дејан	Таникић	Редовни професор	Универзитет у Београду, Технички факултет у Бору
20	Срба	Младеновић	Ванредни професор	Универзитет у Београду, Технички факултет у Бору
21	Милан	Трумић	Редовни професор	Универзитет у Београду, Технички факултет у Бору
22	Драган	Манасијевић	Редовни професор	Универзитет у Београду, Технички факултет у Бору
23	Снежана	Урошевић	Редовни професор	Универзитет у Београду, Технички факултет у Бору
24	Јелена	Калиновић	Асистент	Универзитет у Београду, Технички факултет у Бору
25	Снежана	Шербула	Редовни професор	Универзитет у Београду, Технички факултет у Бору
26	Зоран	Штирбановић	Ванредни професор	Универзитет у Београду, Технички факултет у Бору

27	Милан	Горгиевски	Ванредни професор	Универзитет у Београду, Технички факултет у Бору
28	Ивана	Марковић	Ванредни професор	Универзитет у Београду, Технички факултет у Бору
29	Ненад	Вушовић	Редовни професор	Универзитет у Београду, Технички факултет у Бору
30	Данијела	Воза	Ванредни професор	Универзитет у Београду, Технички факултет у Бору
31	Миодраг	Бањешевић	Ванредни професор	Универзитет у Београду, Технички факултет у Бору
32	Тања	Калиновић	Доцент	Универзитет у Београду, Технички факултет у Бору
33	Иван	Јовановић	Редовни професор	Универзитет у Београду, Технички факултет у Бору
34	Дејан	Богдановић	Редовни професор	Универзитет у Београду, Технички факултет у Бору
35	Драгана	Медић	Асистент	Универзитет у Београду, Технички факултет у Бору
36	Јасмина	Петровић	Асистент	Универзитет у Београду, Технички факултет у Бору
37	Саша	Марјановић	Ванредни професор	Универзитет у Београду, Технички факултет у Бору
38	Ивана	Станишев	Доцент	Универзитет у Београду, Технички факултет у Бору
39	Милован	Вуковић	Редовни професор	Универзитет у Београду, Технички факултет у Бору
40	Радоје	Пантовић	Редовни професор	Универзитет у Београду, Технички факултет у Бору
41	Снежана	Милић	Редовни професор	Универзитет у Београду, Технички факултет у Бору
42	Слађана	Алагић	Ванредни професор	Универзитет у Београду, Технички факултет у Бору
43	Јелена	Вељковић-Ђоковић	Редовни професор	Универзитет у Београду, Технички факултет у Бору

44	Ана	Симоновић	Доцент	Универзитет у Београду, Технички факултет у Бору
45	Жаклина	Тасић	Доцент	Универзитет у Београду, Технички факултет у Бору
46	Мира	Цоцић	Ванредни професор	Универзитет у Београду, Технички факултет у Бору
47	Маја	Трумић	Ванредни професор	Универзитет у Београду, Технички факултет у Бору
48	Дејан	Петровић	Доцент	Универзитет у Београду, Технички факултет у Бору
49	Нада	Штрбац	Редовни професор	Универзитет у Београду, Технички факултет у Бору
50	Ђорђе	Николић	Редовни професор	Универзитет у Београду, Технички факултет у Бору
51	Грозданка	Богдановић	Редовни професор	Универзитет у Београду, Технички факултет у Бору
52	Ивана	Ђоловић	Редовни професор	Универзитет у Београду, Технички факултет у Бору
53	Саша	Стојадиновић	Ванредни професор	Универзитет у Београду, Технички факултет у Бору
54	Кристина	Божиновић	Асистент	Универзитет у Београду, Технички факултет у Бору
55	Драган	Златановић	Доцент	Универзитет у Београду, Технички факултет у Бору
56.	Ивана	Илић	Асистент	Универзитет у Београду, Технички факултет у Бору

Прилог 4.

СПИСАК МЕЂУНАРОДНИХ ПРОЈЕКАТА НА КОЈИМА СУ 2022. ГОДИНЕ УЧЕСТВОВАЛИ ИСТАЖИВАЧИ СА ТЕХНИЧКОГ ФАКУЛТЕТА У БОРУ

1. **COST program – projekat: Work inequalities in later life redefined by digitalization (2022 – 2026)**

   Институције учеснице на пројекту: Мрежа Европских универзитета и института, укључујући и Технички факултет у Бору, Универзитет у Београду

   Руководиоц пројекта: Dr Martina Rašticova, Mendel University in Brno Zemědělská 1, Czechia

   Сарадници са Техничког Факултета у Бору: проф. др Данијела Воза, др. Анђелка Стојановић, Проф. др Милица Величковић,

   Врста пројекта: Интернационални истраживачки пројекат у оквиру међународне COST акције, CA 21107.

2. **COST program – projekat: Platform Work Inclusion Living Lab (2022 – 2026)**

   Институције учеснице на пројекту: Мрежа Европских универзитета и института, укључујући и Технички факултет у Бору, Универзитет у Београду

   Руководиоци пројекта: Dr Mayo FUSTER MORELL, President And Fellows Of Harvard College, United States

   Сарадници са Техничког Факултета у Бору: проф. др Исидора Милошевић, проф. др Санела Арсић

   Врста пројекта: Интернационални истраживачки пројекат у оквиру међународне COST акције, CA 21118.

3. **COST program – projekat: Rural NEET Youth Network: Modeling the risks underlying rural NEETs social exclusion (2019 – 2024)**

Институције учеснице на пројекту: Мрежа Европских универзитета и института, укључујући и Технички факултет у Бору, Универзитет у Београду

Руководиоци пројекта: Prof. Dr Francisco Simoes, ISCTE-Instituto Universitário de Lisboa, Portugal

Сарадници са Техничког Факултета у Бору: др Анђелка Стојановић

Врста пројекта: Интернационални истраживачки пројекат у оквиру међународне COST акције, CA18213.

4. COST program – projekat: Cooperation, development and cross-border transfer of industrial Symbiosis among industry and stakeholders (LIAISE) (2023 – 2027)
Институције учеснице на пројекту: Мрежа Европских универзитета и института, укључујући и Технички факултет у Бору, Универзитет у Београду

Руководиоци пројекта: Ms Almudena Munoz Puche, Asociacion Empresarial de Investigacion Centro Tecnologico del Muebley la Madera de la Region de Murcia, Шпанија

Сарадници са Техничког Факултета у Бору: проф. др Исидора Милошевић, др Анђелка Стојановић, проф. др Санела Арсић

Врста пројекта: Интернационални истраживачки пројекат у оквиру међународне COST акције, CA22110.

5. **Пројекат мобилности студената, наставног и ненаставног особља у оквиру програма "ERASMUS + КА1 мобилност студената, наставног и ненаставног особља Key Action 1-Mobility for learners and Staff Mobility– Higher Education Student and Staff Mobility" (Obuda University, Будимпешта, Мађарска).**

Институције учеснице на пројекту: Технички факултет у Бору Универзитета у Београду (Србија) и Keleti Karoly Faculty of Business and Management, Obuda University, мађарска

Координатори пројекта: проф. др Александра Федајев (Србија)
Учесници у активностима мобилности са Техничког Факултета у Бору, у периоду реализације пројекта: проф. др Александра Федајев, проф. др Марија Панић

Врста пројекта: Пројекат мобилности студената, наставног и ненаставног особља

6. **International VISEGRAD project: Possibilities and barriers for Industry 4.0 implementation in SMEs in V4 countries and Serbia**.

   Институције учеснице на пројекту: Tehnički fakultet u Boru Univerziteta u Beogradu (Srbija), University of Ss. Cyril and Methodius in Trnava (Slovačka), Óbuda University in Budapest, (Mađarska), Tomas Bata University in Zlin (Republika Češka) i University of Economics in Katowice (Poljska)

   Руководилац пројекта: prof. dr Isidora Milošević (Srbija)

   Сарадници са Техничког факултета у БоруSaradnici sa Tehničkog Fakulteta u Boru: prof. dr Danijela Voza, prof. dr Sanela Arsić.

   Врста пројекта: Internacionalni istraživački projekat finansiran od strane Internacionalnog Višegrad Fonda

7. **Пројекат мобилности студената, наставног и ненаставног особља у оквиру програма "ERASMUS + КА1 мобилност студената, наставног и ненаставног особља: Key Action 1-Mobility for learners and Staff Mobility– Higher Education Student and Staff Mobility" (University of Economics in Katowice, Катовице, Пољска).**

   Институције учеснице на пројекту: Технички факултет у Бору Универзитета у Београду (Србија) и University of Economics in Katowice (Пољска).

   Координатори пројекта: проф. др Александра Федајев (Србија)

   Учесници у активностима мобилности са Техничког Факултета у Бору, у периоду реализације пројекта: проф. др Александра Федајев и проф. др Милица Величковић

   Врста пројекта: Пројекат мобилности студената, наставног и ненаставног особља

8. **Пројекат мобилности студената, наставног и ненаставног особља у оквиру програма "ERASMUS + КА1 мобилност студената, наставног и ненаставног особља Key Action 1-Mobility for learners and Staff Mobility– Higher Education Student and Staff Mobility" (Politechnica University of Timisoara, Румунија).**

   Институције учеснице на пројекту: Технички факултет у Бору Универзитета у Београду (Србија) и Politechnica University of Timisoara (Румунија).

   Координатор пројекта: проф. др Александра Федајев (Србија)

Учесници у активностима мобилности са Техничког Факултета у Бору, у периоду реализације пројекта: Соња Станковић, асистент, Владан Неделковски, асистент

Врста пројекта: Пројекат мобилности студената, наставног и ненаставног особља

9. **ERASMUS+ KA220 Strategic partnership: Reflecting Economics And Climate Change in Teaching – REACCT**

Институције учеснице на пројекту: Технички факултет у Бору Универзитета у Београду (Србија), University of Economics Katowice (Пољска), Technical University of Ostrava (Чешка република), University of bari Aldo Moro (Италија), Technical University of Kosice (Република Словачка), National Environmental Protection Foundation (Пољска).

Руководилац пројекта: dr Elin Dianna Gunnarsdottir, Stefan Gudnason (Исланд)

Сарадници са Техничког Факултета у Бору: проф. др Александра Федајев (координатор пројекта) и проф. др Милица Величковић (администратор пројекта).

Врста пројекта: ERASMUS+ KA220 Strategic partnership

Прилог 5.

СПИСАК ОДОБРЕНИХ ПРОЈЕКАТА ФИНАНСИРАНИХ ИЗ ФОНДА ЗА НАУКУ РЕПУБЛИКЕ СРБИЈЕ НА КОЈИМА УЧЕСТВОВУЈУ ИСТРАЖИВАЧИ СА ТЕХНИЧКОГ ФАКУЛТЕТА У БОРУ

Назив пројекта	**Акроним**	**Програм**	**Носилац пројекта**	**Учесници на пројекту**	**Руководилац пројекта**	**Сарадници ТФ Бор**
Improving participation in spatial planning of mining areas	MINIPART	Призма	Институт за архитектуру и урбанизам и просторно планирање Србије	Географски факултет, Универзитет у Београду; Институт за филозофију и друштвену теорију; Технички факултет у Бору, Универзитет у Београду	Тамара Маричић, Институт за архитектуру и урбанизам и просторно планирање Србије	Проф. др Милован Вуковић, реддовни професор
Low-dimensional nanomaterials for energy storage and sensing applications: Innovation through synergy of action	ASPIRE	Призма	Институт за нуклеарне науке Винча, Универзитет у Београду	Технички факултет у Бору, Универзитет у Београду	Зоран Јовановић, Институт за нуклеарне науке Винча, Универзитет у Београду	Проф. др Зоран Стевић, редовни професор; Предраг Столић, асистент
Characterization and technological procedures for recycling and reusing of the Rudnik mine flotation tailings	REASONING	Призма	Рударско-геолошки факултет, Универзитет у Београду	Институт за технологију нуклеарних и других минералних сировина; Институт за мултидисциплинарна истраживања, Универзитет у Београду; Институт за општу и физичку хемију; Технички факултет у Бору,	Владимир Симић, Рударско-геолошки факултет, Универзитет у Београду	Проф. др Грозданка Богдановић, редовни професор; Драгана Мариловић, асистент

				Универзитет у Београду; Институт за физику, Универзитет у Београду		
Geodynamics of basins above subtucted slabs: an integrated modeling study of tectonics, sedimentation and magmatism in the Timok Magmatic Complex	TMCmod	Призма	Рударско-геолошки факултет, Универзитет у Београду	Технички факултет у Бору, Универзитет у Београду	Урош Стојадиновић, Рударско-геолошки факултет, Универзитет у Београду	Проф. др радоје Пантовић, редовни професор
Composite clays as advanced materials in animal nutrition and biomedicine	AniNutBiomed CLAYs	Идеје	Институт за технологију нуклеарних и других минералних сировина	Фармацеутски факултет, Универзитет у Београду; Технички факултет у Бору, Универзитет у Београду; Пољопривредни факултет, Универзитет у Београду, Медицински факултет Војномедицинске академије	Александра Даковић, Институт за технологију нуклеарних и других минералних сировина	Проф. др Мира Цоцић, редовни професор
Support system for smart, ergonomic and sustainable mining machinery workplaces	SmartMiner	Развој – зелени програм сарадње науке и привреде	Машински факултет, Универзитет у Београду	Иновациони центар Машинског факултета у Београду Технички факултет у Бору, Универзитет у Београду;	Весна Спасојевић Бркић,, Машински факултет, Универзитет у Београду	Проф. др Ђорђе Николић, редовни професор; Проф. др Исидора Милошевић, редовни професор; Др Анђелка Стојановић, доцент

Прилог 6.

СПИСАК ПРОЈЕКАТА ИЗ ОКВИРА САРАДЊЕ СА ПРИВРЕДОМ НА КОЈИМА СУ 2023. ГОДИНЕ УЧЕСТВОВАЛИ ИСТРАЖИВАЧИ СА ТЕХНИЧКОГ ФАКУЛТЕТА У БОРУ

Пројекти, студије, елаборати

РБ.	Назив пројекта	Број пројекта	Финансијер
1.	Израда месечних извештаја о анализи резултата мониторинга утицаја минирања на површинским коповима Јужни и Северни ревир на безбедност људи и објеката у Мајданпеку за 2023. год. и израда студије.	VII/4-35/3 - 2023	Serbia Zijin Copper doo Bor
2.	Услуге интерне ревизије извештаја о pre-feasibility study НИ 43-101 Тимок, Пројекат Жагубица, Србија	PONU.VII/4-105-2023	Институт за рударство и металургију Бор
3.	Израда пројекта проширења система мониторинга утицаја минирања на површинским коповима Јужни и Северни ревир на безбедност људи и објеката у Мајданпеку	VII/4-1132/4-2023	Serbia Zijin Copper doo Bor
4.	Израда студије изводљивости експлоатације борних метала из лежишта Пискања	VII/4-67-3-2023	Balkan Gold doo Beograd
5.	Вршење техничке контроле у току израде техничког рударског пројекта реконструкције постројења за одводњавање производа флотацијске концентрације са уградњом нове филтер пресе и нове пратеће процесне опреме	VII/4-63/4-2023	Serbia Zijin Copper doo Bor
6.	Техничка контрола за трп реконструкције северозападног дела површинског копа Јужни	VII/4-40/3-2023	Serbia Zijin Copper doo Bor

	ревир у Руднику бакра Мајданпек		
7.	Технички рударски пројекат реконструкције система за транспорт концентрата од Флотације Бор до Погона топионице бакра Бор	VII/4-77/4-2023	Serbia Zijin Copper doo Bor
8.	Cooper leaching from the MCM flotation tailings	I/1-141/3-2023	Mauritanian Copper Mine SA
9.	Одређивање Бондовог радног индекса (8 анализа)	VII/2-302-2023	Serbia Zijin Copper doo Bor
10.	Техничка контрола главног рударског пројекта експлоатације рудног лежишта Подвирови и Поповица у рудном пољу Караманица код Босилеграда	VII/4-380/3-2023	BOSIL-METAL DOO BOSILEGRAD
11.	Студија о физчко-механичким карактеристика стенских маса на подручију лежишта Пискања	VII/4-125/2	Balkan Gold doo Beograd
12.	Упрошћени рударски пројекат припремних радова на изради платоа за извођење геотехничких истраживања на изградњи нове флотације Рудника Јама Бор	VII/4-520/2	Serbia Zijin Copper doo Bor
13.	Техничка контола у току израде допунског рударског пројекта снабдевања постројења флотације Велики Кривељ техничком и свежом водом	VII/4-533/5	Serbia Zijin Copper doo Bor
14.	Техничка контола у току израде техничко рудаског пројекта реконструкције компресорске станице и уградња компресора ATLAS COPCO	VII/4-534/5	Serbia Zijin Copper doo Bor
15.	Утврђивање Бондовог радног индекса	VII/4-545	Serbia Zijin Copper doo Bor

16.	Техничка контрола рударског пројекта на истраживању поља Осојно центар лежишта угља Лубница	VII/4-638/3	ЈП РЕСАВИЦА РЛ ЛУБНИЦА ЛУБНИЦА
17.	Техничка контроле измењеног допунског рударског пројекта измене методе откопавања у Борској јами	VII/4-768/6	Serbia Zijin Copper doo Bor
18.	Анализа сезмичких процеса изазвана минирањем на изради вентилационог окна НВО-1	VII/4-800/4 - 2023	Serbia Zijin Mining doo Bor
19.	Анализа сезмичких процеса изазвана минирањем на изради вентилационог окна НВО-3	VII/4-896/4 - 2023	Serbia Zijin Mining doo Bor
20.	Одређивање Бондовог радног индекса	VII/4-829/2	Serbia Zijin Copper doo Bor

Прилог 7.

ОСТАЛЕ АКТИВНОСТИ У ОБЛАСТИ НИР-А НА ТЕХНИЧКОМ FAKULTETU U BORU U 2023. GODINI

1. Издавање часописа

Технички факултет у Бору има дугогодишњу традицију публиковања научно-истраживачких резултата. У оквиру издавачке делатности Технички факултет у Бору издаје четири научна часописа: *Journal of Mining and Metallurgy, Section A: Mining* (JMM-A), који се штампа као национални часопис; *Journal of Mining and Metallurgy, Section B: Metallurgy* (JMM-B) (штампа се од 1997. године као међународни часопис са интернационалним уређивачким одбором); *Serbian Journal of Management* (SJM) (штампа се од 2006. године као међународни часопис са интернационалним уређивачким одбором) и *Рециклажа и одрживи развој* (POP) (штампа се од 2008. године као национални часопис). Сви часописи, финансирани су од стране ресорног министарства Владе Републике Србије.

Подаци о актуелном позиционирању часописа које публикује ТФ Бор током претходне године (према https://kobson.nb.rs/nauka_u_srbiji/kategorizacija_casopisa_.33.html):

- **Journal of Mining and Metallurgy, Section A: Mining (JMM-A)**, сврстан је у категорију **M24** (према категоризацији домаћих научних часописа у области енергетике, рударства и енергетске ефикасности за 2023. годину).
- **Journal of Mining and Metallurgy, Section B: Metallurgy (JMM-B)**, сврстан је у категорију **M23,** sa IF(2022)=1,0 (према категоризацији научних часописа у области Metallurgy & Metallurgical Engineering, за 2022. годину). Као и са петогодишњим IF=1,0 и местом 60/79 у поменутој области.
- **Serbian Journal of Management (SJM)**, сврстан је у категорију **M24** (према категоризацији домаћих научних часописа у области економије и организационих наука за 2023. годину). Часопис је добио и свој први импакт фактор за 2022 годину који износи 0,7.
- **Recycling and Sustainable Development (RSD)**, сврстан је у категорију **M51** (према категоризацији домаћих научних часописа у области материјала и хемијских технологија за 2023. годину) и **M52** (према категоризацији домаћих научних часописа у области енергетике, рударства и енергетске ефикасности и домаћих научних часописа за уређење, заштиту и коришћење вода, земљишта и ваздуха за 2023. годину).

Од 2016. године Технички факултет у Бору издаје и студентски часопис **Engineering Management.**

2. Организација и суорганизација научних скупова

Факултет је у 2023. години је организовао или учествовао у организацији следећих научних скупова:

- 54th International October Conference on Mining and Metallurgy – IOC 2023, Хотел Језеро, Борско језеро, Бор, 18 – 21. октобар 2023.
- XV International Mineral processing & Recycling Conference – IMPRC, Београд, 17 – 19. мај 2023.
- 19th International May Conference on Strategic Management – IMCSM23, Бор, 25. мај 2023.
- 30th International Conference Ecological Truth and Environmental Research - EcoTER′23, Стара планина, 20 – 23. јун 2023.

3. Потписани споразуми о билатералној сарадњи са факултетима и институцијама из иностранства, као и тренутно важећи споразуми потписани у претходном периоду

1. BGRIMM Technology Group, Beijing, China (decembar 2022 – decembar 2025)
2. China University of petroleum Beijing, China (maj 2017 – maj 2027)
3. Faculty of Technological Engineering and Industrial management, Transilvania University Brasov, Romania (decembar 2022 – decembar 2027)
4. Faculty of Business and Management, University of Ruse (oktobar 2017 – oktobar 2027)
5. Rudarski fakultet u Doboju, Univerzitet u Banjoj Luci (decembar 2022 – decembar 2027)
6. Saobraćajni fakultet Univerziteta u Istočnom Sarajevu (oktobar 2016 – neograničeno)
7. The Federal State Budgetary Educational Institution of Higher Education "The Russian Presidential Academy of National Economy and Public Administration" RANEPA (septembar 2015 – septembar 2025)
8. UNIVERZITET,,Sv.Cirilo i Metodije" u Skoplju, Republika Severna Makedonija TEHNOLOSKO-METALURSKI FAKULTET, Skoplje (decembar 2015 – neograničeno)
9. West University of Timisoara, Faculty of Economics and Business Administration, Timisoara, Romania (april 2018 – neograničeno)
10. Fakulta socialnych vied Univerzita sv Cyrila a Metoda v Trnave, Slovakia (jun 2014 – jun 2024)
11. Institute of Geotechnics of Slovak Academy of Sciences, Košice, Slovakia (decembar 2017 – neograničeno)
12. Tehnološki fakultet Univerziteta u Banjoj Luci (decembar 2022 – decembar 2027)
13. Rudarski fakultet u Prijedoru, Univerzitet u Banjoj Luci (decembar 2022 – decembar 2027)

14. Metalurško – tehnološki fakultet u Podgorici Univerziteta Crne Gore (decembar 2022 – decembar 2027)
15. Eskisehir Osmangazi University (maj 2023 – maj 2026)
16. Faculty of Materials Science and Engineering Gheorghe Asachi Technical University of Iasi, Romania (mart 2023 – mart 2028)
17. Tehnološki fakultet Zvornik, Univerzitet u Istočnom Sarajevu, Bosna i Hercegovina (mart 2023 – mart 2028)
18. Fakultet inženjerstva i prirodnih nauka Univerziteta u Zenici (novembar 2023 – neograničeno)
19. Faculty of Mining Technology - University of Mining and Geology St. Ivan Rilski, Bulgaria (januar 2024 – januar 2029)
20. Technical university of Košice, Faculty of materials, metallurgy and recycling (januar 2024 – neograničeno)

4. Потписани споразуми о билатералној сарадњи са факултетима, школама и институтима из Србије, као и тренутно важећи споразуми потписани у претходном периоду

1. Институт за рударство и металургију Бор (13.12.2022. – 13.12.2027.)
2. ЛОЛА институт (14.12.2022. – 14.12.2027.)
3. Факултет за хотелијерство и туризам у Врњачкој Бањи, Универзитет у Крагујевцу (децембар 2022 – децембар 2027)
4. Машински факултет у Нишу, Универзитет у Нишу (децембар 2022 – децембар 2027)
5. Технолошки факултет Лесковац, Универзитет у Нишу (децембар 2022 – децембар 2027)
6. Факултет техничких наука Универзитета у Приштини са привременим седиштем у Косовској Митровици (децембар 2022 – децембар 2027)
7. Рударско – геолошки факултет, Универзитет у Београду (децембар 2022 – децембар 2027)
8. Институт за хемију, технологију и металургију (децембар 2022 – децембар 2027)
9. Природно-математички факултет, Универзитет у Нишу (децембар 2022 – децембар 2027)
10. Технолошко-металуршки факултет, Универзитет у Београду (децембар 2022 – децембар 2027)
11. Факултет техничких наука, Универзитета у Новом Саду (децембар 2022 – децембар 2027)
12. Економски факултет у Нишу, Универзитет у Нишу (април 2023 – април 2028)

5. Потписани споразуми о билатералној сарадњи са компанијама и предузећима из Србије, као и тренутно важећи споразуни потписани у претходном периоду

1. Albo D.O.O. Bor
2. Ј.П. Боговина
3. Ј.П. Борски туристички центар
4. Credit Agricole Srbija
5. ELIXIR Прахово
6. Геолошки институт Србије
7. Музеј рударства и металургије Бор
8. Народна библиотека Бор
9. Народни музеј Зајечар
10. Д.П.П. Перић и Перић
11. Ј.П. Ресавица
12. ТИС Зајечар
13. Ј.К.П. Топлана Бор
14. Ј.К.П. Трећи октобар Бор
15. Algold processing doo, Београд
16. Јавно предузеће Службени гласник, Београд
17. DPM Авала доо Београд
18. Град Бор
19. Борски управни округ
20. Синдикат Независност Serbia Zijin Copper Bor DOO
21. Техничка школа Бор
22. MMBT Beograd

6. Учешће у академским и другим мрежама, Мобилност студената и наставног кадра

a. Associated Phase Diagram and Thermodynamics Committee

Још од 1999. године, наставници и сарадници ТФ Бор активно учествују у раду ове научне организације, која окупља научнике из области термодинамике и прорачуна фазних дијаграма. Поред наших научника, у овом комитету су и истраживачи из Пољске (AGH Krakov, Институт за проучавање материјала при Пољској академији наука Краков), Чешке (Масариков Универзитет Брно и Институт за физику из Брна), Словачке (Факултет за металургију и материјале из Кошица), Мађарске (Металуршки факултет Универзитета у Мишколцу), Румуније (Институт за физичку хемију Букурешт), Бугарске (Департман за хемију Универзитета у Пловдиву), Словеније (НТФ Љубљана), Хрватске (Металуршки факултет Сисак), БиХ (Факултет за металургију и материјале Зеница).

b. Resita Network on Entrepreneurship and Innovation

Од 2008. године, Технички факултет у Бору је, као представник Универзитета у Београду, члан Resita Network on Entreprenurship and Innovation, у чијем саставу су и следећи универзитети: 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. Иако је пројекат DAAD, у оквиру кога је формирана ова мрежа окончан, мрежа и даље функционише у смислу заједничких истраживачких пројеката.

c. MET-NET mreža

Од 2008. године, ТФ Бор је члан MET-NET мреже металуршких факултета, чије су чланице сви металуршки факултети из региона – Словеније, Хрватске, БиХ, Црне Горе, Македоније, Словачке, а очекује се и ширење мреже члановима из Пољске, Грчке, Бугарске, Румуније, Турске, Албаније.

d. EURAXESS Services mreža

Потписивањем Декларације о привржености EURAXESS Service мрежи и Декларације о привржености одржавању EURAXESS Jobs portal-a, ТФ Бор је још од 2010. године постао део Националне EURAXESS мреже (www.euraxess.rs) која брине о мобилности истраживача и тиме је омогућен приступ отвореним позивима и истраживањима у оквиру наведене мреже.

e. Nacionalna mreža tehnoloških brokera

У оквиру ЕУ програма интегрисане подршке иновацијама, развијена је национална мрежа технолошких брокера, са циљем даљег унапређења подршке МСП Сектору. ТФ Бор је од 2013. године део ове националне мреже, коју чини 11 факултета и научно-истраживачких институција из Србије.

f. Cesaer Newtowk

Почетком 2020. године Универзитет у Београду се прикључио међународној академском мрежи CESAER (https://www.cesaer.org/).Сви факултету Уноверзитета у Београду, укључујући и Технички факултет у Бору, потписали су меморандум о сарадњи са институцаијама у оквиру ове мреже. Наведена мрежа је основана 1990. године и окупља водеће европске универзитете на којима се изучавају техничко-технолошке науке. Укључивањем у наведену мрежу, истраживачима са Техничког факултета у Бору, отворена је могућност умрежавања са колегама са других институција – учлањених у мрежу, у оквиру радних тела CESAER мреже.

g. SAP University Alince

Током 2020. године, истраживачи и студенти Факултета су наставили и активности у оквиру академске мреже SAP University Alinace, у оквиру које се спроводи обука за коришћење SAP ERP програмског пакета и вршило стручно усавршавање кроз пројектне активности „SET – SAP „Students' Entrepreneurship Training through SAP" пројекта, реализованог у оквиру позива „развој високог образовања" финансираног од стране Министарства просвете, науке и технолошког развоја.

h. Мобилност студената у оквиру програма *"ERASMUS +"* кључне акције 1 – мобилност студената, наставног и ненаставног особља

У оквиру програма Европске уније ЕРАСМУС + КА1 наставни Техничког факултета у Бору др Санела Арсић посетила је Универзитет Источне Финске где је одржала предавање. Такође, др Ивица Николић, универзитетски наставник у звању доцента одржао је предавање на Transilvania University у Брашову, Румунија. Током 2022. године проф. др Милан Трумић, универзитетски наставник у звању редовног професора посетио је Politechnica University of Timisoara у Темишвару у Румунији.

i. Активности и мобилност у оквиру COST програма и Европске CEEPUS мреже за мобилност наставника и студената

У 2023. години, наставници и сарадници Техничког факултета у Бору користили су средства доступна за мобилност, у оквиру COST акција које су подржане од стране Европске уније. У оквиру COST ACTION CA 18213 др Анђелка Стојановић, универзитетски наставник у звању доцента присуствовала је међународној конференцији: "The Azores'23 Conference and Workshop – A guide for NEET social inclusion: Contribution from researchers, policy-makers and institutions", која је одржана у Португалији. Такође, проф. др Милица Величковић, универзитетски наставник у звању ванредног професора присуствовала је међународној конференцији "21st Management, Enterprise and Benchmarking" у организацији Kelety Faculty, Obuda university, Будимпешта, Мађарска, у оквиру COST ACTION CA 21107. Проф. др Александра Федајев, универзитетски наставник у звању ванредног професора, и проф. др Марија Панић, универзитетски наставник у звању ванредног професора, присуствовале су интернационалној недељи "New Challenges of the 21st Century", Kelety Faculty, Obuda university, Будимпешта, Мађарска где су одржале предавања по позиву као гостујући професори у оквиру ERASMUS+ програма. У оквиру COST ACTION CA 21118, проф. др Исидора Милошевић, универзитетски наставник у звању редовног професора је учествовала у раду конференције: "Management, Enterprise and Benchmarking – MEB 2023", Kelety Faculty, Obuda university, Будимпешта, Мађарска. У 2023. години, др Анђелка Стојановић, универзитетски наставник у звању доцента, присуствовала је у периоду од 28. до 31. марта састанцима и радним столовима у оквиру COST ACTION CA 21107 у Јашију, Румунија. Проф. др Исидора Милошевић, универзитетски наставник у звању редовног професора, у оквиру COST ACTION CA 21118 присуствовала је семинару по позиву: "Towards a Fairer Platform Lab" који је одржан у Милану, Италија. У периоду од 23. до 26. октобра 2023. године др Анђелка Стојановић, универзитетски наставник у звању доцента,

присуствовала је састанцима у оквиру COST ACTION CA 22110: Management Committee Meeting 1: LIAISE, у Бриселу, Белгија. Проф. др Александра Федајев, универзитетски наставник у звању ванредног професора и проф. др Милица Величковић, универзитетски наставник у звању редовног професора биле су у Катовицама, Пољска, током Интернационалне недеље у оквиру ERASMUS+ програма и присуствовале су, по позиву, отварању Центра за изучавање економије климатских промена на Економском факултету.

7. Промоција и популаризација науке

Као и ранијих година, током 2023. године, Технички факултет у Бору је наставио са активностима у оквиру промоције и популаризације науке.

Током 2023. године је, промоција Факултета спроведена обиласком средњих школа од стране чланова тима за промоцију и маркетинг Факултета. Такође, тим за промоцију и маркетинг Техничког факултета у Бору наставио је са активностима везаним за припрему и штампање пропагандног материјала Факултета, за разматрање ТВ и радио реклама Факултета, за предлагање мера за унапређење наступа Тима за промоцију Факултета у школама.

У оквиру прославе Дана студената Технички факултет у Бору организовао је Дан отворених врата. Заинтересованим посетиоцима су представљене могућности студирања на Техничком факултету у Бору. Технички факултет у Бору је организовао и традиционалну манифестацију Скок преко коже која је одржана по 17. пут.

Промоција Техничког факултета у Бору одвија се и преко интернета, преко сајта prijemni.rs. Поред тога, Факултет остварује значајно присуство на друштвеној мрежи Facebook. Број корисника који прате страницу Техничког факултета у Бору износи 2.486. Највећи број корисника који прате објаве на страници су из Бора, Београда, Зајечара, Неготина, Мајданпека, Ниша као и других градова, а објаве на страници константно прате и инострани корисници из Аустрије, Немачке, САД, Француске, Италије, Словеније, Хрватске, Босне и Херцеговине и Македоније, чиме се остварује регионална, али и међународна видљивост. Постоји јако добар позитиван одзив на објаве које су реализоване на страници датих у погледу позитивних коментара, лајкова, линковања на страницу и осталих елемената. Не постоје забележени случајеви негативних одзива на објаве реализоване на страници. Остварена је јако добра директна комуникација са корисницима преко инбоха на страници где корисници често постављају разноврсна питања везана за делатност и рад Факултета. На свако питање се благовремено одговара од стране ИКТЦ у консултацији са руководством Факултета и релевантним службама. Такође, постоји констатни прилив броја нових корисника који прати страницу или на неки начин има интеракцију са самом страницом. Технички факултет у Бору остварује присуство и на Instagram друштвеној мрежи. Тренутно, Факултет има 901 пратиоца овог налога уз присутан тренд раста броја пратилаца. Највећи број пратилаца долази из Бора, Београда, Ниша и Зајечара. Поред пратилаца из Србије Instagram налог Факултета прате заинтересовани из земаља попут: Немачке, САД, Црне Горе, Босне и Херцеговине.

8. Учешће Техничког факултета у Бору на сајмовима

Технички факултет у Бору је учествовао на Међународном сајму технике и техничких достигнућа који је био одржан од 16. до 19. маја 2023. године. Такође, Технички факултет у Бору је био присутан и на Сајму професионалне оријентације који је био одржан 31. марта 2023. године у Бору где су промовисани студијски програми матурантима и осталим средњошколцима.

9. Студијски боравци или посете универзитетима из иностранства

Март 2023.

Проф. др Радоје Пантовић универзитетски наставник у звању редовног професора, у период од 13. до 15. марта 2023. године посетио је рудник Кирунавара, Шведска, ради договора о даљој сарадњи.

Др Анђелка Стојановић, универзитетски наставник у звању доцент, учествовала је у активностима у оквиру COST ACTION CA 21107 Training school No 1, Work inequalities in later life redefined by digitalization (DIGI-net) од 28. до 31. марта 2023. године у Јаши, Румунија.

Проф. др Милан Горгиевски, универзитетски наставник у звању ванредног професора, је боравио у времену од 8. до 11. марта у Боровецу, Бугарска где је на XX Jubilee International Congress – MACHINES, TECHNOLOGIES, MATERIALS'23 (MTM23) презентовао резултате истраживачког рада.

Април 2023:

Проф. др Александра Федајев, универзитетски наставник у звању ванредног професора и проф. др Марија Панић, универзитетски наставник у звању ванредног професора, присуствовале су интернационалној недељи New challenges of the 21st century на Keleti Karoly Faculty of Business and Management (Obuda University) од 26. до 29. априла 2023. године где су одржале предавања као гостујући професори.

Проф. др Милица Величковић, универзитетски наставник у звању ванредног професора у времену од 26. до 29. априла 2023. године присуствовала је Интернационалној недељи у организацији Kelety Faculty, Obuda University, Mađarska и интернационалној конференцији 21st Management, Enterprise and Benchmarking где је презентовала научни рад.

Проф. др Исидора Милошевић, универзитетски наставник у звању редовног професора у времену од 27. до 30. априла 2023. године присуствовала је интернационалној конференцији 21st Management, Enterprise and Benchmarking – MEB 2023.

Мај 2023.

Проф. др Радоје Пантовић универзитетски наставник у звању редовног професора, проф. др Саша Стојадиновић, универзитетски наставник у звању ванредног професора, др Дејан Петровић, универзитетски наставник у звању доцент, Павле Стојковић, дипл. инж. рударства, универзитетски сарадник у звању асистента, Младен Радовановић, дипл. инж.

рударства, универзитетски сарадник у звању асистента, Милан Стајић, дипл. инж. рударства, универзитетски сарадник у звању асистента И Миомир Воза, лаборант, у период од 17. до 19. маја 2023. године били су у студијској посети руднику Челопеч у Бугарској.

Проф. др Миодраг Бањешевић, универзитетски наставник у звању ванредног професора је у периоду од 26. до 31. маја 2023. године посетио Institute of Geochemistry and petrology, Eth Zurich, Швајцарска ради договора о сарадњи у циљу петролошке и геохемијске анализе стена, минерализације и рудних лежишта у Тимочкој зони.

Др Анђелка Стојановић, универзитетски наставник у звању доцента присуствовала је међународној конференцији у период од 23. до 27. маја 2023. године у оквиру COST ACTION CA 18213 у Португалији.

Др Санела Арсић, универзитетски наставник у звању доцента излагала је научни рад на међународној конференцији 2nd International Conference on Advances in Science and Technology – COAST 2023 у Херцег Новом, Црна Гора у времену од 31. маја до 3. јуна 2023. године.

Проф. др Драгиша Станујкић, универзитетски наставник у звању редовног професора присуствовао је и излагао научни рад на међународној конференцији 2nd International Conference on Advances in Science and Technology – COAST 2023 у Херцег Новом, Црна Гора у времену од 29. маја до 2. јуна 2023. године.

Јун 2023.

Проф. др Срба Младеновић, универзитетски наставник у звању редовног професора, Милан Недељковић, универзитетски сарадник у звању асистента и Горан Димитријевић, лаборант, посетили су светски скуп у области ливарства и металургије GIFA, METEC, THERMOPROCESS AND NEW CAST 2023 у периоду од 12. до 16. јуна 2023. године у Дизелдорфу, Немачка.

Проф. др Драган Манасијевић, универзитетски наставник у звању редовног професора и проф. др Љубиша Балановић, универзитетски наставник у звању ванредног професора су од 7. до 11. јуна 2023. године присуствовали и излагали рад на научном скупу 5th Metallurgical & Materials Engineering Congress of South-East Europe 2023 (MMESEE 2023) у Требињу, Босна и Херцеговина.

Проф. др Гроздanka Богдановић, универзитетски наставник у звању редовног професора је од 7. до 11. јуна 2023. године присуствовала научном скупу 5th Metallurgical & Materials Engineering Congress of South-East Europe 2023 (MMESEE 2023) у Требињу, Босна и Херцеговина.

Проф. др Радоје Пантовић универзитетски наставник у звању редовног професора је од 7. до 11. јуна 2023. године присуствовао научном скупу 5th Metallurgical & Materials Engineering Congress of South-East Europe 2023 (MMESEE 2023) у Требињу, Босна и Херцеговина.

Август 2023.

Проф. др Зоран Штирбановић, универзитетски наставник у звању ванредног професора, је учествовао у раду међународне конференцијеб2nd International Conference on raw Materials and Circular Economy – RAWMAT 2023 која је одржана у Атини, Грчка од 26. августа до 1. септембра 2023. године.

Септембар 2023:

Соња Станковић, мастер инжењер технологије, асистент и Владан Неделковски, мастер инжењер технологије, асистент, су у оквиру ERASMUS + програма у складу са потписаним Интер-институциалним уговором између Универзитета у Београду и Politechnica University of Timisoara, Румунија посетили поменути универзитет у период од 19. до 27. септембра 2023. године ради реализације унапред договорених истраживања у оквиру израде докторске дисертације.

Октобар 2023.

Проф. др Снежана Урошевић, универзитетски наставник у звању редовног професора је у времену од 18. до 21. октобра 2023. године присуствовала међународној конференцији 10th International Textile Conference & 4th international Conference on Engineering and Entrepreneurship 2023 у Тирани, Албанија, где је излагала научни рад.

Проф. др Александра Федајев, универзитетски наставник у звању ванредног професора и проф. др Милица Величковић, универзитетски наставник у звању редовног професора присуствовале су Интернационалној недељи и отварању центра за изучавање економије климатских промена на Економском факултету у Катовицама , Пољска у периоду од 23. до 27. октобра 2023. године.

Др Анђелка Стојановић, универзитетски наставник у звању доцента, присуствовала је састанцима у период од 23. до 26. октобра 2023. године у оквиру COST ACTION CA 22110 у Бриселу, Белгија.

Др Исидори Милошевић, универзитетски наставник у звању редовног професора, учествовала је на семинару одржаном у Милану, Италија у периоду од 12. до 15. октобра 2023. године у оквиру COST ACTION CA 21118.

Новембар 2023.

Др Александра Федајев, универзитетски сарадник у звању ванредног професора, је у времену од 06. до 18. новембра 2023. одржала предавања по позиву, као гостујући професор, на Mykolas Romeris University, Вилњус, Литванија, у оквиру Lithuanian national support scheme for funding the visits of foreign guest lecturers in 2023.

Децембар 2023.

Проф. др Саша Стојадиновић, универзитетски сарадник у звању редовног професора је у периоду од 10. до 13. децембра 2023. године био у студијској посети компанији Dandee precious metals у Софији и руднику Челопеч у Бугарској.

10. Студијски боравци или посете са других универзитета из иностранства

Мај 2023.

У оквиру ERASMUS + програма: Key Action 1: Learning Mobility for Individuals – Higher education student and staff mobility between Programme and Partner Countries на Техничком факултету у Бору боравили су prof. Andras Keszthely и prof. Zsuzsanna Deak, са партнерске институције, Obuda University, Будимпешта, Мађарска. Овом приликом је разговарано о развоју даље пословне, образовне и научне сарадње између институција као и могућности реализације међународних пројеката.

Јун 2023:

У оквиру ERASMUS + програма: Key Action 1: Learning Mobility for Individuals – Higher education student and staff mobility between Programme and Partner Countries, на Техничком факултету у Бору је боравио проф. Јасмин Шуљагић, са Универзитета у Тузли, Босна и Херцеговина.

Септембар 2023.

У оквиру ERASMUS + програма: Key Action 1: Learning Mobility for Individuals – Higher education student and staff mobility between Programme and Partner Countries на Техничком факултету у Бору боравили су проф. др Francisk Popesku, проф. др Adriana Eugen Cioabla и проф. др Dungan Luisa Izabel са Машинског факултета Универзитета за политехнику у Темишвару. Посета наставника са партнерске институције је искоришћена за договор о развоју даље пословне, образовне и научне сарадње између институција као и могућности реализације међународних пројеката.

11. Презентације, предавања и награде

Фебруар 2023.

Студентима Техничког факултета у Бору предавање је одржао Ненад Димов, дипломирани инжењер технологије и упознао студенте са изазовима који их чекају током професионалне каријере у привредном окружењу. На овом предавању, колега Ненад Димов је одржао и предавање о елементарним стварима у развоју каријере, као што су припрема за разговор за посао, припрема CV-a, шта могу да очекују од послодавца и од разговора за посао.Овим предавањем настављен је тренд обуке студената мимо наставног плана у сарадњи са стручњацима из привреде.

Март 2023.

Др Небојша Николић, научни саветник Института за хемију, технологију и металургију Универзитета у Београду одржао је 1. марта 2023. године у Свечаној сали Техничког факултета у Бору предавање под називом ,,Морфологија и структура електролитички произведених металних прахова''.

Мај 2023.

Консултанти и истраживачи Gamax Laboratory Solutions, компаније Akos Koppany Kiss, одржали су студентима Техничког факултета у Бору онлине предавање у вези Matlab софтверског пакета, а осим што су стекли преносиве вештине, познавање тог програма боље ће их позиционирати на тржишту рада. Студенти су имали прилику да се упознају и са широким спектром примене Matlab и Simulink у великом броју предузећа различитих индустријских грана, али и са онлине програмом сертификације, који Matlab Wide- Campus лиценца пружа.

Септембар 2023.

Др Влалдимир Николић је 21.09.2023. годиен одржао је приступно предавање на тему:

„Одређивање мељивости минералне сировине у млину са куглама“, пред Комисијом у саставу:

Др Милан Трумић, редовни професор Техничког факултета у Бору – председник;

Др Маја Трумић, ванредни професор Техничког факултета у Бору- члан;

Др Зоран Стевановић, научни саветник Института за рударство и металургију у Бору – члан;

Новембар 2023.

Дана 8. новембра 2023. године на Техничком факултету у Бору одржана је презентација програма CAMPUS RECRUITMENT – БУДИ ДЕО НАШЕГ ТИМА компаније Serbia Zijin Mining doo Bor. Студенти завршних година имали су прилику да се детаљно упознају са програмом Campus Recruitment, чији је циљ проналазак и запошљавање високо квалификованих кадрова без претходног радног искуства. Наведени програм пружа могућност мастер студентима и дипломцима да се запосле и стручно оспособе у овој компанији.

У сарадњи са Сектором за међународну и међууниверзитетску сарадњу Универзитета у Београду, Технички факултет у Бору је за све заинтересоване студенте организовао презентацију о могућностима за размену студената које су доступне у оквиру Erazmus+ програма.

Мастер инжењер металургије Милице Здравковић , асистент Техничког факултета у Бору Универзитета у Београду одржала је 22. новембра 2023. године у Свечаној сали Техничког факултета у Бору предавање под називом ,,Екстракти биљака као еколошки

инхибитори корозије бакра у хлоридној средини’’. Предавање је организовала Подружница Српског хемијског друштва Бор у сарадњи са Техничким факултетом у Бору.

Технички факултет у Бору био је крајем новембра домаћин истакнутим научницима из међународних и домаћих институција који су представили резултате истраживања у оквиру WeBaSOOP пројекта. Резултате истраживања у оквиру WeBaSOOP пројекта представили су истраживачи са Института за рударство и металургију Бор, Института за нуклеарне науке Винча, Универзитета у Новој Горици (Словенија) и Института за истраживање ваздуха (NILU) (Норвешка).

Децембар 2023.

Министарка просвете у Влади Републике Србије др Славица Ђукић Дејановић је 06.12.2023. годиен била у посети Техничком факултету у Бору где је у разговору са руководством Факултета упозната са достигнућима и плановима Техничког факултета у Бору.

Компанија Tissen Shahtbau одржала је презентацију у четвртак, 7. 12. 2023. на Техничком факултету у Бору. Овом приликом компанија је упознала заинтересоване студенте са планом рада и даљег развоја саме компаније.