Универзитет у Београду
Технички факултет у Бору
Број: VI/4-29-3
Бор, 27. 03. 2025. године

На основу чл. 49. Статута Техничког факултета у Бору, Наставно-научно веће Факултета, на седници одржаној 27. 03. 2025. године, донело је

О Д Л У К У

I Усваја се Извештај Комисије за обезбеђење и унапређење квалитета о оцени НИР-а у 2024. години.

II Извештај Комисије за обезбеђење и унапређење квалитета о оцени НИР-а у 2024. 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 2024. 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 Срба Младеновић, председник Комисије
- Проф. Др Ана Симоновић, ванредни професор професор
- Проф. Др Драган Манасијевић, продекан за наставу
- Проф. Др Милан Радовановић, продекан за научно-истраживачки рад и међународну сарадњу
- Катарина Балановић, асистент
- Драган Миленковић, ИКТЦ служба
- Вукашин Петровић, председник студентског парламента
- Љубица Стојановић, студент продекан

Вредновање резултата научног рада урађено је током јануара и фебруара месеца 2025. 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 остварeним у научно-истраживачком раду и међународној сарадњи за 2024. годину**, који је, као саставни део овог извештаја, дат у прилогу 1.

Вредновање се односило на следеће референце:

1.1. Публиковане монографије и друго (М13-М14)
1.2. Публиковани радови у међународним часописима са IF (М21а-М23)
1.3. Публиковани радови у међународним часописима без IF (М24)
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 2024.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

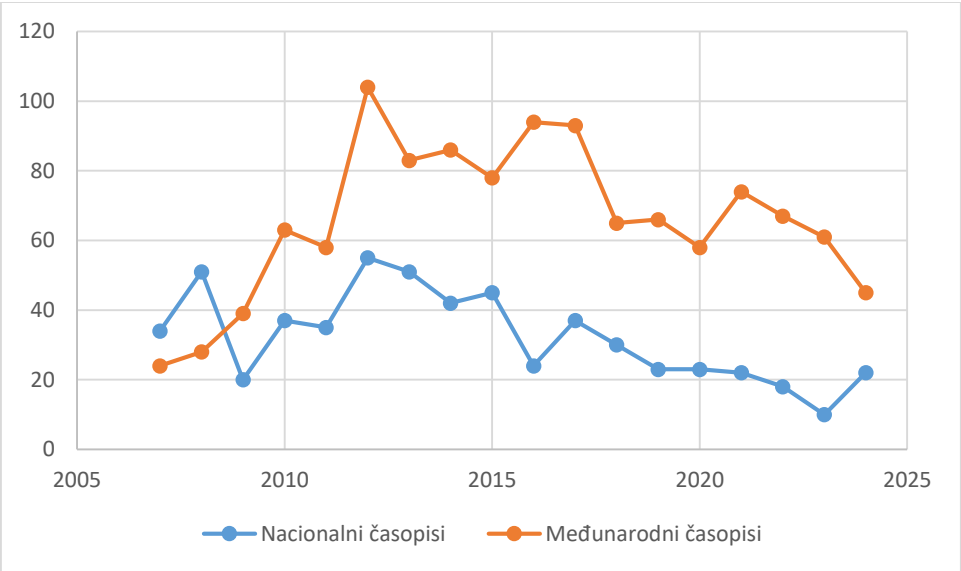
Након обраде података добијених у поступку вредновања збирни приказ резултата научно-истраживачког рада за 2023. годину, дат је у **табели 1.**

Табела 1. Збирни приказ резултата НИР-а Техничког факултета у Бору за 2024. год.

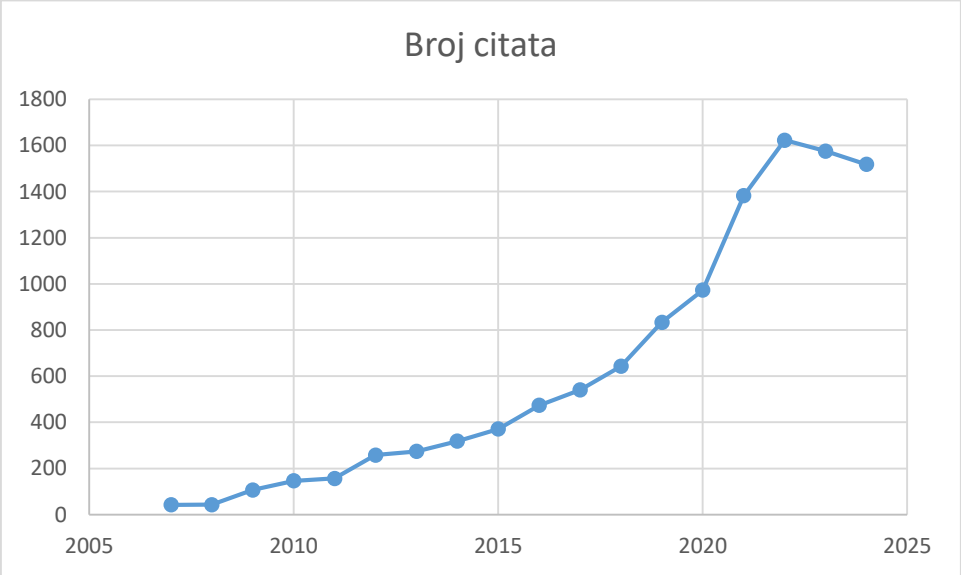
Тип резултата - категорија	Број остварених резултата	УКУПНО
M14	1	M10 - 1
M21	9	M20 - 46
M22	12	
M23	16	
M24	2	
M28a	1	
M28b	1	
M29b	2	
M29v	3	
M31	6	M30 - 114
M33	83	
M34	23	
M35	1	
M36	1	
M41	1	M40 - 1
M51	11	M50 - 22
M52	6	
M53	5	
M63	1	M60 - 1
Уџбеници	4	4
Цитираност	389 радова је цитирано 1518 пута	
Истраживачи ангажовани на пројектима финансираних од стране НИТРА	Сви наставници и сарадници који су на Факултету запошљени са пуним радним временом до навршених 65 година старости.	
Истраживачи ангажовани на домаћим пројектима Фонда за науку и/или Фонда за иновациону делатност	8	
Међународни пројекти	10	
Пројекти финансирани од стране привреде и остали пројекти	25	
Учешће у организацији нучних скупова	2 међународна научна скупа	
Публиковани часописи	4 научна часописа + 1 студентски часопис	

Упоређивање остварених резултата за 2024. годину са резултатима из претходних година извршено је табеларно и графички и то:

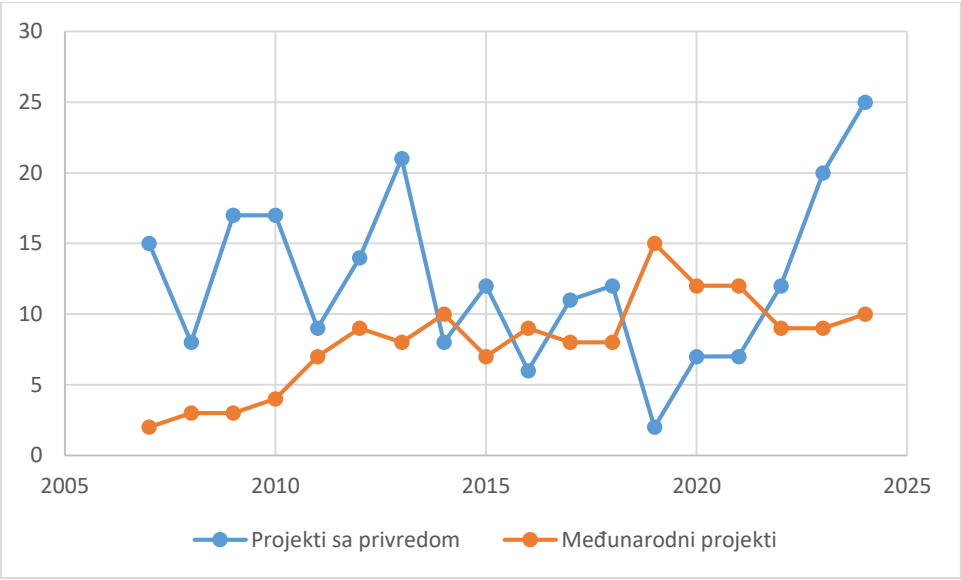
- Слика 1 – Преглед броја објављених радова групе резултата M20 и M50,
- Слика 2 – Преглед броја цитата у часописима са IF (JCR листа),
- Слика 3 – Преглед броја пројеката на нкојима су учествовали наставници и сарадници.



Слика 1. Преглед броја радова групе резултата М20 и М50 за период 2007 – 2024. год.



Слика 2. Преглед броја цитата у часописима са IF за период 2007 – 2024. год.



Слика 3. Преглед броја пројеката на којима су учествовали наставници и сарадници за период 2007 – 2024. 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 2024. години, закључено је следеће:

1. Упоређењу са резултатима постигнутим у 2023. години, резултати постигнути у 2024. години слабији су у следећим категоријама:

М 20	за 18 референци	за 29,5 %
М 30	за 8 референци	за 6,5 %
М 60	за 4 референци	за 20 %
Цитираност: број радова	за 19 радова	за 4,6 %
број цитата	за 58 цитата	за 3,7 %

2. У поређењу са резултатима постигнутим у 2023. години, резултати постигнути у 2024. години бољи су у следећим категоријама:

М 50	за 26 референци	за 27 %
М 40	за 1 референцу	
Међународни пројекти	10 у односу на 9 у 2023. години	
Пројекти са привредом	25 у односу на 20 у 2023. години	
Одбрањена докторска дисертација	4 у односу на 1 у 2023. години	

3. У поређењу са резултатима постигнутим 2023. године, резултати постигнути у 2024. години остали су на истом нивоу у следећим категоријама:

Пројекти Фонда за науку РС
Публиковање часописа
Организовање научних скупова
Уџбеници

На основу укупних остварених резултата, може се закључити да су током 2024. године постигнути резултати, који су слабији, пре свега сагледавајући број публикованих радова, у односу на 2023. годину. Запажен је мањи број радова публикованих у категорији часописа М20. У наредном периоду је неопходно сагледати разлоге за евидентан пад броја радова у часописима категорије М20, као и изнаћи потенцијална решења како се овакав тренд не би наставио и у будућности. Број радова објављених у националним часописима је већи у односу на претходне две године што указује на потенцијалну промену тренда, коју треба одржати и у наредном периоду. Број пројкета на којима су ангажовани наставници и сарадници Техничког факултета у Бору је у порасту, при чему је тежња факултета да се настави са даљим растом пројектних активности и у наредном периоду.

Прилог: Годишњи извештај о резултатима НИР-а за 2024. годину

У Бору, фебруар 2025. године

за Комисију председник

_____

Проф. др Срба Младеновић

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

Прилог 1

Годишњи извештај о резултатима оствареним у научно-истраживачком раду и међународној сарадњи за 2024. годину

Универзитет у Београду,

Технички факултет у Бору

Годишњи извештај о резултатима остваренim у научно-истраживачком раду и међународној сарадњи за 2024. годину

Бор,

фебруар 2025. 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 2024. године, који су представљени у прилозима може се закључити следеће:

1. Публиковане монографске студије и радови у међународним часописима, категорије М10+М20: 1+39=40 радова;
2. Објављени радови у националним часописима, категорије М50: 22 рада;
3. Објављени уџбеници: 4 уџбеника;
4. Саопштени радови на међународним (М30) и националним (М60) скуповима: 114+1=115 радова;
5. Ангажовање на пројектима:

a. Истраживачи ангажовани по Уговору о реализацији и финансирању научноистраживачког рада НИО у 2024. години, код Министарства науке, технолошког развоја и иновација Републике Србије: 86.
b. Истраживачи ангажовани на пројектима финансираним од стране Фонда за науку Републике Србије: 8
c. Међународни пројекти: 10
d. Пројекти финансирани од стране привреде и остали пројекти: 25

6. Цитираност у 2024. години (SCOPUS резултати): 389 радова је цитирано 1518 пута.

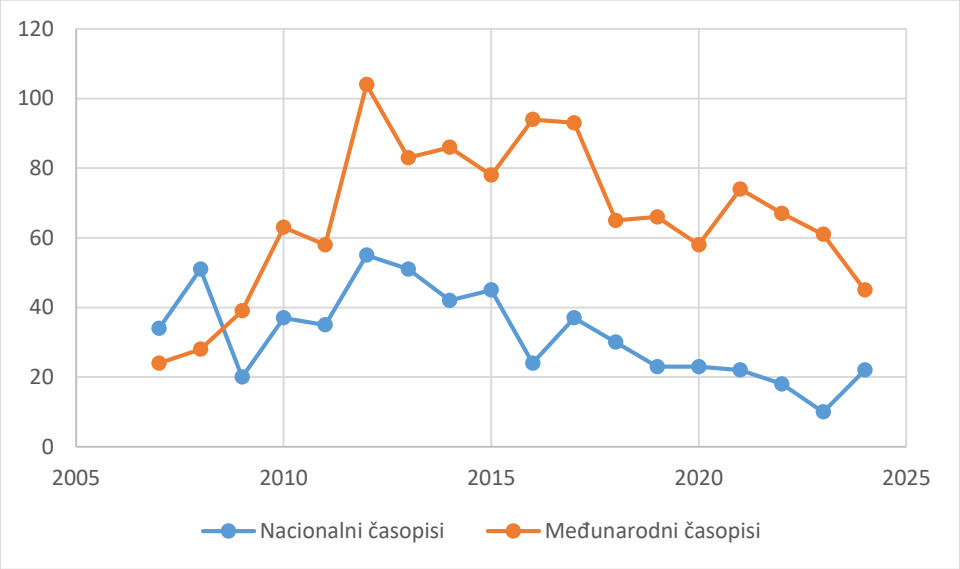
Збирни приказ резултата НИР-а за 2024. годину дат је у Табели 1.

Табела 1. Збирни приказ резултата НИР-а Техничког факултета у Бору за 2024. год.

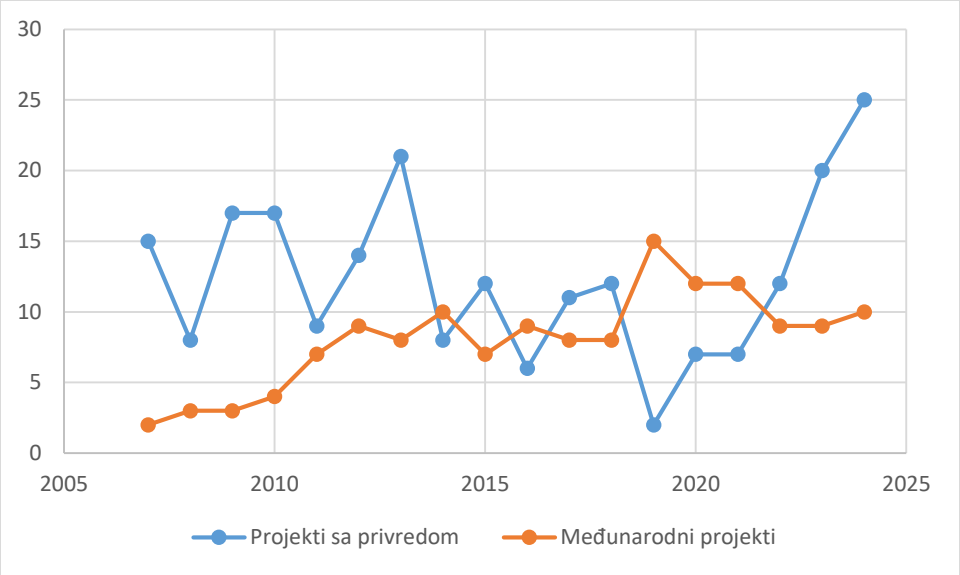
Тип резултата - категорија	**Број остварених резултата**	**УКУПНО**
M14	1	M10 - 1
M21	9	M20 - 46
M22	12	
M23	16	
M24	2	
M28a	1	
M28b	1	
M29b	2	
M29v	3	
M31	6	M30 - 114
M33	83	
M34	23	
M35	1	
M36	1	
M41	1	M40 - 1
M51	11	M50 - 22
M52	6	
M53	5	
M63	1	M60 - 1
Уџбеници	4	4
Цитираност	389 радова је цитирано 1518 пута	
Истраживачи ангажовани на пројектима финансираних од стране НИТРА	Сви наставници и сарадници који су на Факултету запошљени са пуним радним временом до навршених 65 година старости.	
Истраживачи ангажовани на домаћим пројектима Фонда за науку и/или Фонда за иновациону делатност	8	

Међународни пројекти	10
Пројекти финансирани од стране привреде и остали пројекти	25
Учешће у организацији нучних скупова	2 међународна научна скупа
Публиковани часописи	4 научна часописа + 1 студентски часопис

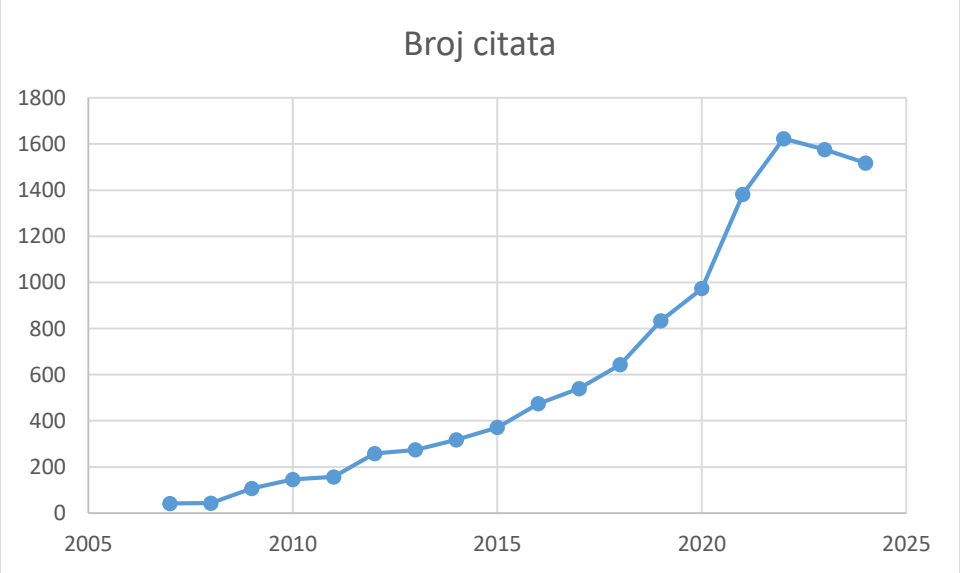
У наставку, на Сликама 1, 2 и 3, и у Табели 2, приказано је како се кретао број остварених резултата на ТФ у Бору у периоду од 2007. до 2024. године. У овом извештају упоређени су остварени резлултати за 2024. годину са претходним, а посебно са оним за прошлу, 2023. годину.



Слика 1. Упоредни приказ броја радова објављених у међународним и домаћим часописима (М20 и М50) на ТФ Бор у периоду 2007 – 2024. год.



Слика 2. Упоредни приказ броја 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 – 2024. 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 пад у броју публикованих радова у часописима категорије М20. Међутим, упоређујући постигнуте резултате у погледу објављених радова у часописима категорије М20 у 2024. 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 2024. године који су публиковали истраживачи са Техничког факултета у Бору је: 2024 – 43 рада 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. Број радова, који су публиковани истраживачи са Техничког факултета у Бору, у домаћим часописима категорије М50 у 2024. години је већи у односу на 2023. годину и достиже број градова остварен у периоду пре 2022. године: 2024 – 22 рада, 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 у 2024. години нема публикованих резултата у часописима категорије М21а. Број радова публикованих у часописима категорије М21 је 9, што је значајно повећање у односу на 2023. годину када су у категорији М21 публикована 4 рада. У категоријама часописа М22 и М23 долази до пада броја публикованих резултата, при чему је пад јако изражен у категорији часописа М22 у односу ма 2023. годину. Мора се истаћи да је у наредном периоду неопходно радити на интензивирању активности у циљу пораста броја публикованих резултата у часописима категорија М20. У 2024. години публиковано је 38 радова 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 0,43 и нижи је у поређењу са 2023. годином када је тај однос био 0,72. У табели 3 приказана је расподела радова публикованих током 2024. године према импакт факторима.

Табела 2. Упоредни приказа резултата категорија М21а, М21, М22 и М23 за период 2018 – 2024. година

Година	**2018.**	**2019.**	**2020.**	**2021.**	**2022.**	**2023.**	**2024.**
М21а	3	3	4	9	4	/	/
М21	6	8	4	18	8	4	9
М22	15	16	18	13	16	28	12
М23	24	21	18	32	28	20	16

Табела 3. Расподела научно-истраживачких радова по импакт факторима у 2024. години

	>10	5,1-10	4,1-5	3,1-4	2,1-3	1,1-2	0-1	Σ
M21a	/	/	/	/	/	/	/	/
M21	/	1	3	1	3	1	/	9
M22	/	/	1	2	5	3	/	12
M23	/	/	/	/	/	2	14	16

У 2024. години је заустављен је дугогодишњи тренд пада броја објављених радова у домаћим часописима категорије М50. У 2024. години објављен је већи број радова у домаћим часописима у односу на 2022. и 2023. годину.

У току 2024. године настављено је финансирање пројектних активности научно-истраживачких организација (НИО), од стране Министарства науке, технолошког развоја и иновација Републике Србије. Фебруара 2024. године, потписан је Уговор о реализацији и финансирању научноистраживачког рада НИО у 2024. години са ресорним Министарством. Децембра 2023. 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 2024. године, на основу уговора потписаног са Министарством, на Факултету је био ангажован 81 истраживач.

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 2024. 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 започела крајем 2023 и настављена током 2024. године. На овом пројекту ангажовани су као истраживачи проф. др Зоран Стевић, редовни професор Техничког факултетаа у Бору и Предраг Столић, асистент. Из средстава Фонда за науку Републике Србије финансирани су и пројекти: 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, током 2024. године настављена је реализација пројекта 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 2024. године свој рад је наставио Интердисциплинарни пројектни тим Техничког факултета у Бору. Чланови интердисциплинарног пројектног тима су континуирано радили 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 2024. години Интердисциплинарни пројектни тим је припремио пријаву пројекта за отворени позив у оквиру конкурса Заједно – једни за друге расписан од стране компаније dm.

Табела 4. Упоредни приказ резултата категорија М30, М60, М70 и М80 за период 2013 –2024

Година	2013.	2014.	2015.	2016.	2017.	2018.	2019.	2020.	2021.	2022.	2023.	2024.
Саопштења на међународним скуповима (М30)	174	165	191	158	175	120	120	85	80	94	122	114
Саопштења на домаћим скуповима (М60)	44	32	33	6	24	20	16	2	19	10	5	1
Одбрањене докторске дисертације (М70) (само запослени на ТФ Бор)	8 (3+5)	1	9 (1+8)	4	3	0	2	1	1	1	1	0
Техничко-развојна решења (М80)	9	4	6	0	0	0	0	0	0	1	1	1

У области сарадње са привредом, у 2024. 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, 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. У 2024. години настављен је тренд раста броја пројеката са привредом и достигао број од 25 пројеката који су реализовани на Техничком факултету у Бору. Пораст броја пројеката, који се остварују у сарадњи с привредом, последица је интензивних индустријских 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 2024. години су учествовали у реализацији 10 међународних истраживачких пројеката као и у пројектима међународне мобилности наставника, студената и ненаставног особља.

У 2024. години број саопштења на конференцијама из категорије М30 нешто је ниже у односу на претходну годину али је и поред тога изнад вишегодишњег просека.. 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, 2024 – 114 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, 2024 – 1 саопштење. 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 2024. 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), 408 радова цитирано је 1576 пута (2023). Током 2024.

године остварена је следећа цитираност: 389 радова је цитирано 1518 пута. Према подацима о цитираности преузетим са портала еНаука, радови наставника и сарадника са Техничког факултета у Бору цитирани су према следећим базама:

Извор	Укупно цитата	Укупно резултата
SCOPUS	10960	810
WEB OF SCIENCE	11115	903
PubMed CENTRAL	87	21
OpenCitations	7023	1006
Dimensions	11712	1075

По студијским програмима остварена је следећа цитираност у 2024. години: рударско инжењерство – 71 рад је цитиран 227 пута; металуршко инжењерство – 86 радова је ситирано 199 пута; технолошко инжењерство – 61 рад је цитиран 296 пута; инжењерски менаџмент – 171 рад је цитиран 796 пута. Расподела остварене цитираности у 2024. години по катедрама је следећа: катедра за површинску експлоатацију лежишта минералних сировина – 9 радова је цитирано 11 пута; катедра за подземну експлоатацију лежишта минералних сировина – 19 радова је цитирано 73 пута; катедра за минералне и рециклажне технологије – 43 рада је цитиран 143 пута; катедра за металуршко инжењерство – 75 радова је цитирано 166 пута; катедра за прерађивачку металургију – 11 радова је цитирано 33 пута; катедра за хемију и хемијску технологију – 31 рад је цитиран 225 пута; катедра за инжењерство заштите животне средине – 5 радова је цитирано 24 пута; катедра за менаџмент – 100 радова је цитирано 344 пута и катедра за природно математичке и опште техничке науке – 96 радова је цитиран 499 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 Александра Федајев, проф. др Жаклина Тасић и други).

Радови категорије М20, које су током 2024. године објавили наставници и сарадници на Техничком факултету у Бору, припадају следећим научним областима: *Metallurgy & Metallurgical Engineering, Geochemistry and Geophysics, Mining and Mineral processing, Public, Environmental & Occupational Health, Management, Computer science, Decision Science, Mining and Mining Science, Chemistry and Chemical Engineering, Environmental Sciences, Environmental Engineering, Mathematics, Mathematics Applied.*

Факулет је, у складу са дугогодишњом традицијом, током 2024. године наставио са издавањем 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 2024. године часопис је публикован према планираној динамици.

Током протекле године Технички факултет у Бору је учествовао у организацији три научна скупа. Технички факултет у Бор био је организатор две међународне конференције:

- 20th International May Conference on Strategic Management – IMCSM24, Бор, 31. мај 2024.
- 31st International Conference Ecological Truth and Environmental Research - EcoTER′24, Сокобања, 18 – 21. јун 2024.

Поред тога, Технички факултет у Бору је био суорганизатор међународне конференције:

- 55th International October Conference on Mining and Metallurgy – IOC 2024, Кладово, 15 – 17. октобар 2024.

У оквиру симпозијума IMCSM24 организован је студентски симпозијум: 20. Студентски симпозијум о стратегијском менаџменту. У оквиру скупа EcoTER′24 организована је студентска секција.

Током 2024. године настављена је сарадња са бројним институцијама 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 2024. 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 2024. године промоција Факултета је спроведена 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.

На основу укупних остварених резултата, може се закључити да су током 2024. године постигнути резултати, који су слабији у односу на 2023. годину. Запажен је мањи број радова публикованих у категорији М20. У наредном периоду је неопходно сагледати разлоге за евидентан пад броја радова у часописима категорије М20, као и изнаћи потенцијална решења како се овакав тренд не би наставио и у будућности. Број радова објављених у националним часописима је већи у односу на претходне две године што

указује на потенцијалну промену тренда коју треба одржати и у наредном периоду. У наредном периоду се мора наставити са активностима у циљу повећања броја радова публикованих у часописима категорије М20, 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. Број пројкета на којима су ангажовани наставници и сарадници Техничког факултета у Бору је у порасту, при чему је тежња факултета да се настави са даљим растом пројектних активности и у наредном периоду.

У Бору, фебруар 2025. 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 2024. ГОДИНИ

Тип резултата - категорија	Број остварених резултата
M14	1
M21	9
M22	12
M23	16
M24	2
M28a	1
M28b	1
M29b	2
M29v	3
M31	6
M33	83
M34	23
M35	1
M36	1
M41	1
M51	11
M52	6
M53	5
M63	1
Уџбеници	4

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Прилог 2.

ПРЕГЛЕД ЦИТИРАНОСТИ ИСТРАЖИВАЧА СА ТФ У БОРУ У 2024. 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 3.
СПИСАК ИСТРАЖИВАЧА СА ТЕХНИЧКОГ ФАКУЛТЕТА У БОРУ АНГАЖИВАНИХ НА ДОМАЋИМ ПРОЈЕКТИМА 2024. ГОДИНЕ

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

У току 2024. 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 2024. години (бр. 451-03-65/2024-03/ 200131).

Током 2024. године на пројектним активностима које је финансирало Министарство науке, технолошког развоја и иновација према уговору бр. 451-03-65/2024-03/ 200131 били су ангажовани сви наставници и сарадници који су на Факултету запошљени са пуним радним временом до навршених 65 година старости.

Прилог 4.

СПИСАК МЕЂУНАРОДНИХ ПРОЈЕКАТА НА КОЈИМА СУ 2024. 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. **COST program – projekat: Recovery of Mining District Network (REMINDNET) (2023 – 2027)**

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

   Руководиоци пројекта: Dr Jindrich Šancer, VSB Technical University of Ostrava, Чешка

   Сарадници са Техничког Факултета у Бору: проф. др Грозданка Богдановић

   Врста пројекта: Интернационални истраживачки пројекат у оквиру међународне COST акције, CA22138

6. **Пројекат мобилности студената, наставног и ненаставног особља у оквиру програма ”ERASMUS + KA1 мобилност студената, наставног и ненаставног особља Key Action 1-Mobility for learners and Staff Mobility– Higher Education Student and Staff Mobility” (Свеучилиште у Сплиту, Сплит, Хрватска).**

Институције учеснице на пројекту: Технички факултет у Бору Универзитета у Београду (Србија) и Кемијско-технолошки факултет, Свеучилиште у Сплиту, Хрватска

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

Врста пројекта: Пројекат мобилности студената, наставног и ненаставног особља

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" (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: Александра Радић, асистент

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" (Technische Universitat Graz, Грац, Аустрија).**

Институције учеснице на пројекту: Технички факултет у Бору Универзитета у Београду (Србија) и Technische Universitat Graz (Аустрија).

Координатори пројекта: проф. др Александра Федајев (Србија)

Учесници у активностима мобилности са Техничког Факултета у Бору, у периоду реализације пројекта: Владан Неделковски, асистент и Аврам Ковачевић, асистент

Врста пројекта: Пројекат мобилности студената, наставног и ненаставног особља

9. **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 Faculty of Mechanical Engineering, Polytechnic University Timisoara (Румунија).

Координатор пројекта: проф. др Александра Федајев (Србија)

Учесници у активностима мобилности са Техничког Факултета у Бору, у периоду реализације пројекта: Милица Ницуловић, шеф библиотеке и Виолета Стојановић, стручнотехнички сарадник за послове кадрова

Врста пројекта: Пројекат мобилности студената, наставног и ненаставног особља

10. **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 2024. ГОДИНЕ УЧЕСТВОВАЛИ ИСТРАЖИВАЧИ СА ТЕХНИЧКОГ ФАКУЛТЕТА У БОРУ

Пројекти, студије, елаборати

РБ.	Назив пројекта	Број пројекта	Финансијер
1.	Израда Студије изводљивости експлоатације антрацита и производње филтер антрацита у РА Вршка Вршка Чука-Аврамица	VII/4-1615/6	Јавно Предузеће за подземну експлоатацију угља Ресавица
2.	Израда идејног пројекта откопавања кварцног песка на лежишту "ДЕО" Доња Бела Река и пројекта санације и рекултивације површинског копа и одлагалишта	VII/4-133/5	Југо-Коалин доо Београд
3.	Израда "Техничког рударског пројекта реконструкције компресорске станице и уграње компресора Atlas Copco tip ZR200FF-10 са пратећом опремом на локацији филтраже бакра погона флоатације Бор"	VII/4-534/5	Serbia Zijin Copper Doo
4.	Израда извештаја о анализи сеизмичких потреса изазваних минирањима на изради вентитационог окна ниво-1, за фабрику Рудник Јама	VII/4-800/3	Serbia Zijin Copper Doo
5.	Израда пројекта сеизмичког мониторинга минирања на изради истражног нископа рудника бакра и злата Чукару Пеки - доња зона	VII/4-935/4	Serbia Zijin Mining doo Bor
6.	Израда месечних извештаја о анализи резултата мониторинга утицаја минирања на површинским коповима Јужни и Северни ревир на безбедност људи и објекта у Мајданпеку за 2023. годину	VII/4-35/2	Serbia Zijin Copper Doo

7.	Израда Бондовог радног индекса	VII/3-64/2	Serbia Zijin Copper D.O.O. Bor Ogranak RBB
8.	Израда извештаја о анализи резултата мониторинга сеизмичких ефеката о извођењу минирања на површинском копу "Велики Кривељ" за 2024. и 2025. годину	VII/1-25/5	Serbia Zijin Copper Doo
9.	Израда извештаја о анализи резултата мониторинга сеизмичких ефеката при извођењу минирања на каменолому "Кривељ" за 2024. и 2025. годину	VII/1-26/5	Serbia Zijin Copper Doo
10.	Вршење техничке контроле у току израде " Техничког рударског пројекта реконструкције система отпрашивања дробљења у погону флоатације Бор"	VII/3-166/7	Serbia Zijin Copper D.O.O. Bor Ogranak RBB
11.	Утврђивање Бондовог радног индекса	VII/3-236	Adriatic Metals doo
12.	Израда месечних извештаја о анализи резултата мониторинга утицаја минирања на површинском коповима Јужни и Северни ревир за 2024. годину	VII/2-192/4	Serbia Zijin Copper Doo
13.	Вршење техничке контроле у току израде Главног рударског пројекта експлоатације руде бакра из лежишта "Борска Река" у Јами Бор изнад коте к-455	VII/4-584/8	Serbia Zijin Copper Doo
14.	Вршење техничке контроле у току израде Допунског рударског пројекта откопавања рудног тела Т4 у Борској Јами	VII/1-226/5	Serbia Zijin Copper Doo
15.	Вршење техничке контроле у току израде "Техничког рударског пројекта реконструкције постројења за одводњавање концентрата бакра уградњом четири нова керамичка диск филтера"	VII/3-159/6	Serbia Zijin Copper Doo
16.	Израда техничке документације у вези мониторинга сеизмичких	VII/2-307/5	Serbia Zijin Copper Doo

	потреса у улици Доситеја Обрадовића		
17.	Израда Студије геомеханичких испитивања на узорцима стена на Пројекту Чока Ракита	VII/2-285/7	Dundee Precious Metals Inc. Crni Vrh Resources d.o.o.
18.	Вршење мерења сеизмичких потреса у селу Слатина и израду Елабората о анализи резултата сеизмичких мерења са оценом утицаја минирања у руднику Чукару Пеки- доња зона на стабилност стамбених објеката у селу Слатина	VII/2-329/4	Serbia Zijin Mining d.o.o. Bor
19.	Понуда за израду Студије геомеханичких испитивања на узорцима стена на Пројекту Цока Ракита	VII/2-285/5	Dundee Precious Metals Inc. Crni Vrh Resources d.o.o.
20.	Вршење техничке контроле у току израде измењеног Допунског рударског пројекта снабдевања постројења Флотације Велики Кривељ Технолошком (повратном) и свежом (техничком) водом	VII/3-532/5	Serbia Zijin Copper Doo
21.	Генерисање узорака флоатацијске јаловине	VII/3-572/3	Dundee Precious Metals Inc. Crni Vrh Resources d.o.o.
22.	Израда Елабората о извођењу минирања на платоу ТС Бор 6	VII/3-664/4	Serbia Zijin Copper Doo
23.	Израда техничке контроле "Допунског рударског пројекта одлагања јаловине са Површинског копа Северни ревир у руднику бакра Мајданпек"	VII/2-503/4	Serbia Zijin Copper Doo
24.	Израда техничке контроле "Допунског рударског пројекта откопавања површинског копа Јужни ревир у руднику бакра Мајданпек"	VII/2-505/4	Serbia Zijin Copper Doo
25.	Израда извештаја о резултатима мониторинга сеизмичких потреса	VII/2-672/3	Serbia Zijin Copper Doo

Прилог 7.

ОСТАЛЕ АКТИВНОСТИ У ОБЛАСТИ НИР-А НА ТЕХНИЧКОМ FAKULTETU U BORU U 2024. 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 **M51** (према категоризацији домаћих научних часописа у области енергетике, рударства и енергетске ефикасности за 2024. годину).
- **Journal of Mining and Metallurgy, Section B: Metallurgy (JMM-B)**, сврстан је у категорију **M23,** са IF(2023)=0,9 (према категоризацији научних часописа у области Metallurgy & Metallurgical Engineering, за 2023. годину). Као и са петогодишњим IF=0,9 и местом 61/80 у поменутој области.
- **Serbian Journal of Management (SJM)**, сврстан је у категорију **M23,** са IF(2023)=0,8 (према категоризацији научних часописа у области Management, за 2023. годину). Часопис је сврстан у категорију M23 према категоризацији домаћих научних часописа у области економија и организационе науке за 2024. годину.
- **Recycling and Sustainable Development (RSD)**, сврстан је у категорију **M51** (према категоризацији домаћих научних часописа у области материјала и хемијских технологија за 2024. 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 2024. годину).

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

2. Организација и суорганизација научних скупова

Факултет је у 2024. години је организовао или учествовао у организацији следећих научних скупова:

- 55th International October Conference on Mining and Metallurgy – IOC 2024, Хотел Ђердап, Кладово, 15 – 17. октобар 2024.
- 20th International May Conference on Strategic Management – IMCSM24, Бор, 31. мај 2024.
- 31st International Conference Ecological Truth and Environmental Research - EcoTER′24, Сокобања, 18 – 21. јун 2024.

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. University of Chemical Technology and Metallurgy, Sofia, Bulgaria (januar 2014 – januar 2024)
9. UNIVERZITET„Sv.Cirilo i Metodije" u Skoplju, Republika Severna Makedonija TEHNOLOSKO-METALURSKI FAKULTET, Skoplje (decembar 2015 – neograničeno)
10. West University of Timisoara, Faculty of Economics and Business Administration, Timisoara, Romania (april 2018 – neograničeno)
11. Mineral Deposit Research Unit (MDRU) at the Univlrsitv of British Columbia in Vancouver, BC, Canada (april 2018 – april 2023)
12. Fakulta socialnych vied Univerzita sv Cyrila a Metoda v Trnave, Slovakia (jun 2014 – jun 2024)
13. Institute of Geotechnics of Slovak Academy of Sciences, Košice, Slovakia (decembar 2017 – neograničeno)
14. Tehnološki fakultet Univerziteta u Banjoj Luci (decembar 2022 – decembar 2027)

15. Rudarski fakultet u Prijedoru, Univerzitet u Banjoj Luci (decembar 2022 – decembar 2027)
16. Metalurško – tehnološki fakultet u Podgorici Univerziteta Crne Gore (decembar 2022 – decembar 2027)
17. Eskisehir Osmangazi University (maj 2023 – maj 2026)
18. Faculty of Materials Science and Engineering Gheorghe Asachi Technical University of Iasi, Romania (mart 2023 – mart 2028)
19. Tehnološki fakultet Zvornik, Univerzitet u Istočnom Sarajevu, Bosna i Hercegovina (mart 2023 – mart 2028)
20. Fakultet inženjerstva i prirodnih nauka Univerziteta u Zenici (novembar 2023 – neograničeno)
21. Faculty of Mining Technology - University of Mining and Geology St. Ivan Rilski, Bulgaria (januar 2024 – januar 2029)
22. Technical university of Košice, Faculty of materials, metallurgy and recycling (januar 2024 – neograničeno)
23. The Ignacy Lukasiewicz Rzeszow University of Technology, Poland (februar 2024 – neograničeno)
24. Institut catala de paleoecologica Humana i Evolucio Social (IPHES-CERCA), Spain (april 2024 – april 2029)
25. Fakultet Kemijskog inženjerstva i tehnologije, Sveučilište u Zagrebu (jun 2024 – jun 2029)
26. Pomorski fakultet Kotor, Univerzitet Crne Gore (jun 2024 – jun 2028)
27. Institute of Chemical process Fundamentals of the CAS, Prague (decembar 2024 – decembar 2029)

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

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)
13. Војногеографски институт Генерал Стеван Бошковић (јун 2024 – јун 2034)

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. J.П. Боговина
3. J.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. J.П. Ресавица
12. ТИС Зајечар
13. J.К.П. Топлана Бор
14. J.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 мрежа

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 мрежа

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.

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

Александра Радић, универзитетски сарадник у звању асистента, је у оквиру размене студената у оквиру ERASMUS+ програма боравила на Keleti Karoly Faculty of Business and Management, Obuda university у периоду од 15. до 26. априла 2024. године. Асистент Милица Здравковић је у оквиру ERASMUS+ програма посетила Хемијско-технолошки факултет, Универзитета у Сплиту у периоду од 24. до 31. маја 2024. године. Асистент Аврам Ковачевић и асистент Владан Неделковски боравили су на Technische Universitat Graz у периоду од 9. до 19. септембра 2024. године у оквиру краткорочних мобилности за студенте докторских студија ERASMUS+ програма. Милица Ницуловић, шеф библиотеке и Виолета Стојановић стручнотехнички сарадник за послове кадрова, боравиле су, у оквиру краткотрајних мобилности у оквиру ERASMUS+ програма на Машинском факултету у Темишвару, Румунија (Faculty of Mechanical Engineering, Polytechnic University Timisoara, Romania), у периоду од 9. до 13. септембра 2024. године. Проф. др Данијела Воза, универзитетски наставник у звању ванредног професора, присуствовала је интернационално недељи на Keleti Karoly Faculty of Business and Management, Obuda university у периоду од 15. до 19. априла 2024 у оквиру ERASMUS+ мобилности. Проф. др Марија Панић, универзитетски наставник у звању ванредног професора, одржала је предавање као гостујући професор на Transilvania University of Brasov, Румунија у периоду од 22. до 26. априла 2024. године у оквиру ERASMUS+ мобилности. Проф. др Милица Величковић, универзитетски наставник у звању редовног професора, одржала је предавање студентима на универзитету Angel Knchev, Ruse, Бугарска у термину од 29. априла до 3. маја 2024. године у оквиру ERASMUS+ мобилности

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

У 2024. 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. Др Анђелка Стојановић, универзитетски наставник у звању доцента, присуствовала је у периоду од 22. до 28. априла 2024. године Second General Meeting у оквиру COST Action CA

22110, Cooperation, development and cross-border transfer of industrial symbiosis among industry and stakeholders (LIAISE). Проф. др Санела Арсић, универзитетски наставник у звању ванредног професора држала је предавање по позиву на Економском универзитету у Катовицама, Докторска школа, на основу одобреног уговора о мобилности (CEEPUS): CIII-freemover-2324-179620. Проф. др Милица Величковић, универзитетски наставник у звању ванредног професора присуствовала је међународној конференцији "22nd Management, Enterprise and Benchmarking" у оквиру COST ACTION CA 21107. Проф. др Санела Арсић, универзитетски наставник у звању ванредног професора, одржала је предавање студентима на Donat Banky Faculty of Mechanical and Safety Engineering, Obuda University у периоду од 13. до 17. маја 2024. године на основу одобреног уговора о мобилности (CEEPUS): CIII-freemover-2324-179154. Проф. др Санела Арсић, универзитетски наставник у звању ванредног професора, одржала је предавање, као гостујући професор, на Факултету за комуникације Техничког универзитета у Софији, Бугарска у периоду од 20. до 24. маја 2024. године на основу одобреног уговора о мобилности (CEEPUS): CIII-freemover-2324-179757. Проф. др Милан Трумић, универзитетски наставник у звању редовног професора, у периоду од 19. до 23. маја 2024. године боравио је у Румунији на Faculty of Mechanical Engineering, Polytechnic University Timisoara, кроз пројекат мобилности наставника (CEEPUS): CIII-freemover-2324-179469. Др Анђелка Стојановић, универзитетски наставник у звању доцента, присуствовала је састанцима у оквиру COST ACTION CA 22110 који су одржани у Истанбулу, Турска у термину од 16. до 18. септембра 2024. године. Др Анђелка Стојановић, универзитетски наставник у звању доцента, учествовала је на међународној конференцији International Congress and Engineering and Life Science, која је одржана у периоду од 10. до 12. септембра 2024. године у Питестију, Румунија (COST ACTION CA 21107).

7. Промоција и популаризација науке

Током 2024. године, Технички факултет у Бору је наставио са активностима у оквиру промоције и популаризације науке.

Промоција Факултета спроведена је 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.

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 2.577. 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 1078 пратилаца 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 у школској 2023/2024 години наставио досадашње активности учешћа на сајмовима. Представници Техничког факултета у Бору су учествововали на трећем виртуелном сајму студијских програма факултета у саставу Универзитета у Београду, који се одржао 22. и 23. новембра 2023. године. У оквиру ове манифестације проф. др Ђорђе Николић и проф. др Санела Арсић су представили студијске програме, као и могућности студирања на Техничком факултету у Бору.

Факултет је учествовао на XII Регионалном сајму образовања „НОУфест“ у организацији Регионалног тима подршке за науку, образовање и уметност, уз подршку Министарства просвете, науке и технолошког развоја. Сајам образовања се одржао у периоду од 21. до 22. марта 2024. године у Ћуприји.

Факултет је учествовао на Сајму професионалне оријентације у организацији Националне службе за запошљавање-Филијала Бор. Сајам се одржао у Установи Спортски центар Бор 3. априла 2024. године.

У оквиру Дана студента Универзитета у Београду, Технички факултет у Бору је 04. априла 2024. године за ученике средњих школа из региона организовао манифестацију „Дан отворених врата“. Технички факултет у Бору посетили су ученици четвртог разреда из следећих школа: Техничка школа Бор, Економско – трговинска школа Бор, Гимназија Зајечар, Техничка школа Зајечар, Економско – трговинска школа Зајечар, Машинско – електротехничка школа Параћин, Техничка школа Ћуприја, Техничка школа Деспотовац.

У организацији Техничког факултета у Бору, ученици Техничке школе из Мајданпека посетили су факултет 18. априла. Током посете обишли су део лабораторија сва четири одсека и упознали су се наставним кадром који им је представио услове студирања на акредитованим студијским програмима.

Представници факултета реализовали су промоцију студијских програма ученицима средњих школа из Јабланичког Округа на манифестацији „ Дани каријере у Власотинцу“ која је одржана 10. маја у Власотинцу.

Представници факултета реализовали су промоцију студијских програма у оквиру манифестације „Без муке до науке“ коју је организовала Средња школа из Житорађе.

9. Студијски боравци или посете универзитетима из иностранства

Јануар 2024:

Проф. Др Зоран Штирбановић, универзитетски наставник у звању ванредног професора, у периоду од 08. до 10. јануара 2024. године био је у посети Техничком универзитету у Лисабону, Португал.

Март 2024:

Др Анђелка Стојановић, универзитетски наставник у звању доцента презентовала је научни рад на “26th international conference Economic Competitiveness and Sustainability 2024”, у периоду од 20. до 24. марта у Брну, Чешка.

Проф. др Радоје Пантовић, универзитетски наставник у звању редовног професора био је у посети, је у периоду од 4. до 8. марта 2024. године, Технолошком факултету у Зворнику, Босна и Херцеговина у оквиру реализације мобилности наставника и научно-истраживачке сарадње.

Проф. др Санела Арсић, универзитетски наставник у звању ванредног професора држала је предавање по позиву на Josip Juraj Strossmayer University of Osijek, Faculty of Education у периоду од 22. до 28. марта 2024. године.

Проф. др Радоје Пантовић, универзитетски наставник у звању редовног професора, проф. др Саша Стојадиновић, универзитетски наставник у звању редовног професора на функцији продекана за материјално – финансијско пословање, проф. др Дејан Таникић, универзитетски наставник у звању редовног професора на функцији декана Техничког факултета у Бору и др Дејан Петровић, универзитетски наставник у звању доцента, били су у периоду од 20. до 22. марта у посети Celopec Dundee Precious Metals, Челопеч и Универзитету Свети Иван Рилски у Софији, Бугарска.

Април 2024:

Проф. др Снежана Урошевић, универзитетски наставник у звању редовног професора је учествовала на Првој конференцији за зелено инжењерство, одрживи материјали и технологија за циркуларну економију у организацији Технолошко – металуршког факултета, Универзитета Свети Кирил и Методиј у Скопљу, Северна Македонија у периоду од 21. до 24. априла 2024. године.

Др Јасмина Петровић, универзитетски сарадник у звању асистента са докторатом, била је у периоду од 9. до 16. априла 2024. године у Дубаију, Уједињени Арапски Емирати и присуствовала је конференцији International Conference on Science, Engineering and Technology.

Проф. др Санела Арсић, универзитетски наставник у звању ванредног професора држала је предавање по позиву на Економском универзитету у Катовицама, Докторска школа.

Проф. др Милица Величковић, универзитетски наставник у звању редовног професора, присуствовала је међународној конференцији "22st Management Enterprise and Benchmarking" и презентовала је научни рад у периоду од 18. до 20. априла. 2024. године.

Др Анђелка Стојановић, универзитетски наставник у звању доцента, присуствовала је међународној конференцији "22st Management Enterprise and Benchmarking" у периоду од 18. до 21. априла. 2024. године.

Проф. др Данијела Воза, универзитетски наставник у звању ванредног професора, присуствовала је интернационално недељи на Keleti Karoly Faculty of Business and Management, Obuda university у периоду од 15. до 19. априла 2024.

Проф. др Марија Панић, универзитетски наставник у звању ванредног професора, одржала је предавање као гостујући професор на Transilvania University of Brasov, Румунија у периоду од 22. до 26. априла 2024. године.

Др Анђелка Стојановић, универзитетски наставник у звању доцента, присуствовала је у периоду од 22. до 28. априла 2024. године Second General Meeting у оквиру COST Action CA 22110, Cooperation, development and cross-border transfer of industrial symbiosis among industry and stakeholders (LIAISE).

Проф. др Милица Величковић, универзитетски наставник у звању редовног професора, одржала је предавање студентима на универзитету Angel Knchev, Ruse, Бугарска у термину од 29. априла до 3. маја 2024. године.

Александра Радић, универзитетски сарадник у звању асистента, је у оквиру размене студената у оквиру ERASMUS+ програма боравила на Keleti Karoly Faculty of Business and Management, Obuda university у периоду од 15. до 26. априла 2024. године.

Maj 2024:

Проф. др Санела Арсић, универзитетски наставник у звању ванредног професора, одржала је предавање студентима на Donat Banky Faculty of Mechanical and Safety Engineering, Obuda University у периоду од 13. до 17. маја 2024. године.

Проф. др Санела Арсић, универзитетски наставник у звању ванредног професора, одржала је предавање, као гостујући професор, на Факултету за комуникације Техничког универзитета у Софији, Бугарска у периоду од 20. до 24. маја 2024. године.

Проф. др Александра Федајев, универзитетски наставник у звању ванредног професора, у периоду од 15. до 21. маја 2024. године, ради учешћа на конференцији Economics of the Balkan and Eastern Europien Countries.

Проф. др Милан Трумић, универзитетски наставник у звању редовног професора, у периоду од 19. до 23. маја 2024. године боравио је у Румунији на Faculty of Mechanical Engineering, Polytechnic University Timisoara, кроз пројекат мобилности наставника.

Проф. др Маја Трумић, универзитетски наставник у звању ванредног професора, у периоду од 19. до 23. маја 2024. године боравила је у Румунији на Faculty of Mechanical Engineering, Polytechnic University Timisoara.

Асистент Милица Здравковић је у оквиру ERASMUS+ програма посетила Хемијско-технолошки факултет, Универзитета у Сплиту у периоду од 24. до 31. маја 2024. године.

Проф. др Драгиша Станујкић, универзитетски наставник у звању редовног професора, присуствовао је међународној конференцији 3rd International Conference of Advances in Science and Technology – COAST 2024 у термину од 28. до 30. маја 2024. године.

Јун 2024:

Проф. др Миодраг Бањешевић, универзитетски наставник у звању редовног професора, посетио је у периоду од 17. до 21. јуна 2024. године Лабораторију за минералогију у Цириху Швајцарска ради развоја даље сарадње.

Проф. др Милица Величковић, универзитетски наставник у звању редовног професора и проф. др Александра Федајев, универзитетски наставник у звању ванредног професора су биле у периоду од 16. до 20. јуна 2024. године у Барију, Италија ради учешћа на радионицама и састанцима у оквиру ERASMUS+K2 пројекта.

Проф. др Саша Стојадиновић, универзитетски наставник у звању редовног професора, проф. др Милан Радовановић, универзитетски наставник у звању редовног професора, др Дејан Петровић, универзитетски наставник у звању доцента, др Јелена Иваз, универзитетски наставник у звању доцента, асистент Павле Стојковић, асистент Милан Стајић и Миомир Воза, стручнотехнички сарадник за рад у лабораторији били су у посети руднику Ada Tepe Dundee Precious Metals, Крумовград, Бугарска у периоду од 20. до 22. јуна 2024. године.

Проф. др Срба Младеновић, универзитетски наставник у звању редовног професора, боравио је на Montan Universitat Leoben, у приоду од 24. до 27. јуна 2024. године ради договора о проширењу сарадње.

Септембар 2024:

Др Анђелка Стојановић, универзитетски наставник у звању доцента, учествовала је на међународној конференцији International Congress and Engineering and Life Science, која је одржана у периоду од 10. до 12. септембра 2024. године у Питестију, Румунија.

Др Анђелка Стојановић, универзитетски наставник у звању доцента, присуствовала је састанцима у оквиру COST ACTION CA 22110 који су одржани у Истанбулу, Турска у термину од 16. до 18. септембра 2024. године.

Асистент Аврам Ковачевић и асистент Владан Неделковски боравили су на Technische Universitat Graz у периоду од 9. до 19. септембра 2024. године у оквиру краткорочних мобилности за студенте докторских студија ERASMUS+ програма.

Милица Ницуловић, шеф библиотеке и Виолета Стојановић стручнотехнички сарадник за послове кадрова, боравиле су, у оквиру краткотрајних мобилности у оквиру ERASMUS+ програма на Машинском факултету у Темишвару, Румунија (Faculty of Mechanical Engineering, Polytechnic University Timisoara, Romania), у периоду од 9. до 13. септембра 2024. године.

Октобар 2024:

Проф. др Снежана Урошевић, универзитетски наставник у звању редовног професора је у времену од 17. до 20. октобра 2024. године присуствовала међународној конференцији XV Conference of Chemist, Technologists and Environmentalists of Republic of Srpska, у Бањој Луци, Босна и Херцеговина где је излагала научни рад.

Проф. др Исидора Милошевић, универзитетски наставник у звању редовног професора учествовала је на међународној конференцији 117th International Scientific Conference on Economic and Social Development, која је одржана у периоду од 17. до 20. oktobra 2024. године у Марибору, Словенија.

10. Студијски боравци или посете са других универзитета из иностранства

Август 2024:

Дана 07.08.2024. године Технички факултет у Бору био је домаћин професорима и студентима Универзитета за науку и технологију из Пекинга. На састанку који је одржан у згради Декана испред Техничког факултета у Бору били су присутни: проф. др Милан Радовановић, продекан за научно-истраживачки рад и међународну сарадњу, проф. др Милан Трумић, шеф одсека за рударско инжењерство, др Дејан Петровић, шеф катедре за подземну експлоатацију лежишта минералних сировина и проф. др Јовица Соколовић, редовни професор. На састанку су презентовани досадашњи резултати који су постигнути на Факултету и договорена је будућа сарадња у области образовања и научно-истраживачког рада. Након тога, гости са Универзитета за науку и технологију из Пекинга обишли су Минералошку збирку и лабораторије на Техничком факултету у Бору.

Дана 27.08.2024. године Технички факултет у Бору био је домаћин професорима Шандонг универзитета из Кине и колегама са Факултета организационих наука из Београда. Састанку, који је одржан у згради Деканата, присуствовали су проф. др Rongui Ding, професор Школе менаџмента на Шандонг универзитету, Rui Ji, zamenik директора Одељења за међународне послове, Универзитет Шандонг, Mingui Ju, програм менаџер Одељења за међународне послове Универзитета Шандонг, Zang Veilong из компаније Shandong Hi-Speed Group, проф. др Владимир Обрадовић и проф. др Марија Тодоровић са Факултета организационих наука. У име Техничког факултета у Бору учествовали су проф. др Дејан Таникић, декан, проф. др Драган Манасијевић, продекан за наставу и проф. др Ђорђе Николић, шеф одсека за инжењерски менаџмент. На састанку је разговарано о будућој сарадњи у области образовања и научно-истраживачког рада.

11. Презентације, предавања и награде

Фебруар 2024:

Др Васо Манојловић, ванредни професор Технолошко-металуршког факултета Универзитета у Београду одржао је 5. фебруара 2024. године у Свечаној сали Техничког факултета у Бору предавање под називом „Развој биокомпатибилних легура титанијума користећи предиктивну анализу и термо-еластичне корелације''. На предавању су изнети до сада постигнути резултати на развоју биокомпатибилних легура титанијума са применом у медицини. Истраживање се заснива на термодинамичким прорачунима повезаним са еластичним својствима легура и примени техника машинског учења за предвиђање механичких својстава легура титанијума. Предавање је организовала подружница Српског хемијског друштва Бор у сарадњи са Техничким факултетом у Бору. Након предавања одржана је годишња скупштина подружнице Српског хемијског друштва Бор на којој је изабрано ново руководство подружнице за период од три године.

Април 2024:

У уторак 02.04.2024. године организована је презентација посвећена примени и коришћењу софтверског пакета MATLAB. Презентацију су одржали: Ákos Koppány Kiss (Gamax), Marco Rossi (MathWorks) и János KERTÉSZ испред компаније Gamax Laboratory Solutions.

У организацији Техничког факултета у Бору и Борског управног округа у петак 05. априла 2024. године одржана је промоција националног пројекта: Такмичење за најбољу технолошку иновацију у Републици Србији. Проф. др Драган Повреновић, кооридинатор Такмичења 2005-2024 са Тенолошко -металуршког факултета у Београду презентовао је досадашње резултате овог пројекта, као и информације о новим позивима који су упућени средњошколцима и студентима, привредницима и мештанима села.

Дана 11.04.2024. године на Техничком факултету у Бору у Свечаној сали са почетком од 13 часова професор Mitesh Dixit је одржао предавање на тему Трансгресивне географије: Архитектура као територија.

У среду, 10. априла, у Свечаној сали, представници компаније Минова су одржали презентацију Компаније и производног програма. Са традицијом дугом 140 година Минова је једна од водећих светских компанија у производњи подградних система и геотехничких решења у рударству, тунелоградњи и грађевини.

Компанија eCon Engineering одржала је презентацију у уторак, 9. 4. 2024. у свечаној сали Факултета.

Мај 2024:

Седница Сената Универзитета у Београду, највишег стручног органа којег чине сви декани факултета и директори института у саставу Универзитета у Београду, први пут је одржана на Техничком факултету у Бору 22.05.2024. године. Чланови Сената су након седнице обишли просторије Техничког факултета у Бору и минеролошку збирку. Након

тога, чланови Сената обишли су рударске копове, као и рударске и металуршке погоне у Бору.

Август 2024:

Дана 05.08.2024. године министар унутрашње и спољне трговине господин Томислав Момировић је са својим сарадницима посетио Технички факултет у Бору. Министар Момировић је у разговору са продеканом за научно-истраживачки рад и међународну сарадњу Техничког факултета у Бору проф. др Миланом Радовановићем упознат са историјатом, значајем и тренутним активностима које се спроводе на Техничком факултету у Бору. Такође, министру су предочени и будуће активности чија је реализација на Факултету планирана. Након разговора министар Момировић је обишао Минералошку збирку Факултета.

Септембар 2024:

Др Предраг Столић је 18.09.2024. године одржао је приступно предавање на тему: „Индустријске рачунарске мреже“, пред Комисијом у саставу:

Проф. др Драгиша Станујкић, редовни професор Универзитет у Београду - Техничког факултета у Бору – председник;

Проф. др Јелица Протић, редовни професор Универзитет у Београду - Електротехнички факултет у Београду - члан;

Проф. др Дражен Драшковић, ванредни професор Универзитет у Београду - Електротехнички факултет у Београду – члан

Октобар 2024:

Представници компаније ELIXIR GROUP одржали су 14.10.2024. године, у Свечаној сали Факултета, презентацију свог програма стипендирања намењених студентима завршних година основних и мастер академских студија, за академску 2024/2025. годину.

У оквиру међународне сарадње, дана 07.10.2024. године, Технички факултет у Бору био је домаћин студентима са Акита Универзитета из Јапана.

Децембар 2024:

На Техничком факултету у Бору у среду 25.12.2024. године одржано је предавање на тему: “Литијум-јонске батерије: Одржива будућност кроз рециклажу“ у организацији Подружнице Српског хемијског друштва Бор, у сарадњи са Техничким факултетом у Бору. Предавање је одржала др Драгана Медић, доцент Техничког факултета у Бору.

Рударска компанија Serbia Zijin Mining д.о.о. Бор је 11.12.2024. године представила овогодишњи програм Кампус регрутације, који носи слоган “Буди и ти део нашег тима”. Представници компаније говорили су о досадашњим активностима, развојним циљевима и могућностима за остварење професионалних планова у овој компанији.