



Научно-стручно веће за техничко-технолошке науке

Предмет:Образац о испуњавању услова за избор у звање наставника

Област:Остале области

Звање:Редовни професор

Име и презиме

Славица Илић

Датум рођења

10.06.1958.

Назив и седиште установе/организације у којој је кандидат запослен

Технолошки факултет у Лесковцу, Универзитет у Нишу

Радно место

Ванредни професор

Датум расписивања конкурса

22.03.2021.године

Начин (место) објављивања

Дневни лист "Народне новине", Ниш

Звање за које је расписан конкурс

Ванредни професор или редовни професор

Звање за које кандидат конкурише (заокружити одговарајућу опцију):

1. Доцент
2. Доцент или ванредни професор
3. Ванредни професор
- 4. Ванредни професор или редовни професор**
5. Редовни професор

Ужа научна област

Прехрамбене технологије и биотехнологија

1. Испуњени услови за избор у звање ванредни професор

(навести датум и број Одлуке о избору у звање наставника, као и назив органа који је донео)

Одлука Научно-стручног већа за техничко-технолошке науке Универзитета у Нишу о избору у звање ванредни професор број 8/20-01-006/16-007 од 19.09.2016. године.

2. позитивна оцена педагошког рада која се утврђује у складу са чланом 13. Правилника о поступку стицања звања и заснивања радног односа наставника Универзитета у Нишу („Гласник Универзитета у Нишу“ број 5/16)

(навести број и датум утврђене оцене)

Одлуку о позитивној оцини педагошког рада доноси Изборно веће Технолошког факултета у Лесковцу, Универзитета у Нишу.

3. Остварене активности бар у четири елемента доприноса широј академској заједници из члана 4. Ближих критеријума за избор у звања наставника

3.1. Учесће у наставним активностима које не носе ЕСПБ бодове:

Координатор и реализатор посете студената Технолошког факултета у Лесковцу, Универзитет у Нишу (смер Прехрамбене технологије и биотехнологија) индустријским погонима млекарне „Лазар“ и постројењу за анаеробну дигестију отпада у Блацу.

3.2. Учесће у раду тела факултета и Универзитета:

- члан Научно-наставног већа Технолошког факултета у Лесковцу,
- члан Изборног већа Технолошког факултета у Лесковцу
- члан комисије за спровођење уписа по студијским програмима за упис кандидата у прву годину мастер академских студија школске 2020/2021 године (04-бр. 4172-III од 28.09.2020.године)
- члан комисије за самовредновање и оцењивање квалитета студијског програма мастер академских студија Прехрамбена технологија и биотехнологија (04-бр. 1341/1 од 20.08.2019. године)
- члан поткомисије за утврђивање Стандарда за самовредновање и оцењивање квалитета Технолошког факултета у Лесковцу (Стандард 9) (04-бр.699/1 од 08. 05. 2019. године)
- председник Издавачког одбора Технолошког факултета у Лесковцу (04-4/134-VIII од 21.12.2018.године)
- члан Централне комисије за попис за координацију, усклађивање и усмеравање комисија за попис, давања непосредних упутстава за њихов рад, праћење извршавања плана пописа и пружања стручне и друге помоћи (Одлука 04 бр.2184/1 од 12.12. 2016. године).

3.3 Успешно извршавање задужења везаних за наставу, менторство, професионалне активности намењене као допринос локалној или широкој заједници:

- ментор или члан већег броја комисија за преглед, оцену и одбрану дипломских и мастер радова студената Технолошког факултета у Лесковцу

3.4 Рецензирање радова и оцењивању радова и пројеката:

- рецензент радова у часописима међународног значаја (SCI листа): African Journal of Biotechnology, Biotechnology and Molecular Biology Reviews, Bioprocess and Biosystem Engineering, International Research Journal of Microbiology, Journal of Medicinal Plants Research, Marine Drugs

3.5 Учешће на локалним, регионалним, националним и интернационалним уметничким манифестацијама, конференцијама и скуповима:

- учествовала на већем броју националних и међународних конференција и симпозијума

4. Остварени резултати у развоју научно-наставног подмлатка на факултету

-Менторство у докторским дисертацијама

Ментор одбрањене докторске дисертације под називом „Микробиолошко искоришћење отпадног глицерола из производње биодизела“ кандидата Јована Ћирића (одлука Научно-стручног већа за техничко-технолошке науке Универзитета у Нишу број 8/20-01-004/15-011 од 08.04.2015.године.Докторска дисертација одбрањена септембра 2017.године.

- Менторство и учешће у комисијама за одбрану мастер и дипломских радова

- Кандидат је био ментор 2 мастер, 1 дипломског рада и председник комисије 1 дипломског рада.
- Ментор дипломског рада „ Утицај различитих извора угљеника и концентрације на продукцију антибиотика помоћу *Streptomyces hygroscopicus*“ студента мастер академских студија Стојана Манчића, Технолошки факултет у Лесковцу (Решење о именовању комисије Технолошког факултета у Лесковцу 04 бр. 1543/1 од 10.09.2018. године).
- Ментор дипломског рада „Оптимизација продукције секундарних метаболита помоћу *Streptomyces hygroscopicus* CH-7“ студента мастер академских студија Јелене Пејчић, Технолошки факултет у Лесковцу (Решење о именовању комисије Технолошког факултета у Лесковцу 04 бр. 1410/1 од 21.08.2017. године).
- Ментор дипломског рада „Утицај састава хранљиве подлоге на биосинтезу антибиотика помоћу *Streptomyces hygroscopicus*“ студента Марије Комненовић, смера Прехрамбено инжењерство Технолошког факултета у Лесковцу (Решење о именовању комисије Технолошког факултета у Лесковцу 04 бр. 1541/1 од 07.09. 2018. године).
- Председник комисије за полагање дипломског испита “Идентификација и антимикробна активност синтетисаног Су (II) комплекса са изатин-β-тиосемикарбазоном” студента Станојевић Драгане, смера Прехрамбено инжењерство Технолошког факултета у Лесковцу (Решење о именовању комисије Технолошког факултета у Лесковцу 04 бр. 1398/1 од 15.08.2018. године).

-Турор у изради Студијско истраживачких радова

- Студијско истраживачки рад 1, студента докторских академских студија Јоване Арсић, под називом „Поступци добијања лимунске киселине“ на студијском програму Технолошко инжењерство Технолошког факултета у Лесковцу (Решење о именовању комисије Технолошког факултета у Лесковцу 04 бр. 1147/1 од 04.07.2019. године).
- Студијско истраживачки рад 2, студента докторских академских студија Јоване Арсић, под називом „Квасци у производњи органских киселина“ на студијском програму Технолошко инжењерство Технолошког факултета у Лесковцу (Решење о именовању комисије Технолошког факултета у Лесковцу 04 бр. 632/1 од 07.07.2020. године).

5. Оригинално стручно остварење (пројекат, студије), односно, руковођење или учешће у научним пројектима

-Истраживач на пројекту: “Наноструктурни, функционални и нанокмпозитни материјали у каталитичким и сорпционим процесима”, Подпројекат Рр2: “Синтеза новог типа катализатора оптимизацијом активне врсте, промотора и носача, као функционалног наноматеријала у индустријској производњи биодизела из нејестивих/јестивих биљних уља и масти”, Министарство просвете и науке Републике Србије, Технолошки факултет, Лесковац, (2011-2014; Пројекат бр. 45001).

6. Објављени основни уџбеник за предмет из студијског програма факултета, односно универзитета или научна монографија (са ИСБН бројем) из уже научне области за коју се бира, у периоду од избора у претходно звање, или од избора у звање доцент најмање две публикације из категорије уџбеник или монографија из уже научне области за коју се бира при чему најмање једна мора бити

основни уџбеник или монографија

1.Биопроцеси у заштити околине: основни уџбеник/ Славица Илић-Лесковац: Технолошки факултет, 2021. Одлуком Наставно-научног већа Технолошког факултета у Лесковцу усвојена је рецензија публикације „Биопроцеси у заштити околине“ аутора Славице Илић и одобрена за штампање као основни уџбеник (одлука 04 бр. 4/17-III од 29.03.2021. године).

2. Ђорђевић С., Илић С., Анђелковић С., Практикум из Органске хемије I са радном свеском и примерима решених задатака, Лесковац, 2002, ISBN 86-82367-42-4 .

3. Ђорђевић С. , Илић С., Константиновић С., Ђорђевић А., Практикум из Органске хемије I са радном свеском и примерима решених задатака, *допуњено издање*, Лесковац, ISBN 86-82367-42-4 (2005).

4. Илић С., Константиновић С., Гојгић Цвијовић Г., Вељковић В., Савић Д., Биосинтеза антибиотика помоћу стрептомицета из различитих извора угљеника и азота, Монографија, ISBN 978-86-82367-97-0, Лесковац, 2012.

7. У последњих пет година најмање један рад објављен у часопису који издаје Универзитет у Нишу или факултет Универзитета у Нишу или са SCI листе, у којем је првопотписани аутор

1. **Славица Илић**, Јован Ђирић, Гордана Гојгић-Цвијовић, The effect of the nitrogen source type on the growth and consumption of crude glycerol by *Streptomyces hygroscopicus* CH-7, *Advanced technologies*, 10 (1) 2021(рад у штампи) (потврда о прихватању рада за публикавање 06 бр. 234/1 од 15.03.2021. године).

8. Од избора у претходно звање најмање два рада објављена у часописима:

- категорије M21, или
- категорија M22, или
- категорије M23 са петогодишњим импакт фактором већим од 0.49 према цитатној бази Journal Citation Report, или
- са SCI листе,

у којима је првопотписани аутор, при чему радови могу бити из различитих категорија или листи (навести податке о научним радовима, DOI бројеве)

1. **Slavica B.Ilić**, Sandra S. Konstantinović, Gordana Đ. Gojgić-Cvijović, Vlada B. Veljković, Antibiotic production by *Streptomyces hygroscopicus* CH-7 in medium containing Schiff base complexes, *Hem. Ind.* (2019), 73 (2), 93-101 (**M23, IF= 0,758**)
2. Zivkovic Snezana, Veljkovic Milan, Bankovic-Ilic Ivana, Krstic Ivan, Konstantinovic Sandra, **Ilic Slavica**, Avramovic Jelena, Stamenkovic Olivera, Veljkovic Vlada, Technological, technical, economic, environmental, social, human health risk, toxicological and policy considerations of biodiesel production and use (Review), *RENEWABLE & SUSTAINABLE ENERGY REVIEWS*, (2017), vol. 79 br. , str. 222-247 (**M21a IF= 12,348**)

8. замена: Један рад у часописима из наведених категорија и листе замењује се регистрованим патентом

8. замена: Један рад у часописима из наведених категорија и листе замењује се са два рада у часописима са SCIE листе у којима је бар у једном раду првопотписани аутор

8. замена: Један рад у часописима из наведених категорија и листи замењује се са два рада у часописима са SCIE листе у којима је кандидат коаутор, а доктор наука који је одбранио докторску дисертацију под менторством кандидата је бар у једном раду првопотписани аутор

1. **Ćirić Jovan**, Jokovic Natasa, **Ilic Slavica**, Konstantinovic Sandra, Savic Dragisa, Veljkovic Vlada, Production of Lactic Acid by *Enterococcus faecalis* on Waste Glycerol from Biodiesel Production, *CHEMICAL INDUSTRY & CHEMICAL ENGINEERING QUARTERLY* 2020 26 (2):151-156 (**M23, IF=0,955**)(Докторска дисертација кандидата Јована Ђирића одбрањена септембра 2017.године).
2. Sandra S. Konstantinović, Milica Z. Zlatković, **Jovan T. Ćirić, Slavica B. Ilić**, Gordana D. Gojgić Cvijović, Vlada B. Veljković, The use of salicylaldehyde derivatives as a nitrogen source for antibiotic production by *Streptomyces hygroscopicus* CH-7, *Hem. Ind.* **71** (6) 487–494 (2017) (**M23, IF=0,758**)

9. Најмање шест излагања на међународним или домаћим научним скуповима (копије радова из Зборника радова скупа или потврде организатора скупа да су радови презентовани)

1. Sandra S. Konstantinović, Milica Z. Zlatković, Jovan T. Ćirić, Slavica B. Ilić, Gordana Gojgić Cvijović, Vlada B. Veljković, THE INFLUENCE OF MODIFIED NUTRITION MEDIUM ON *STREPTOMYCES HYGROSCOPICUS* CH-7 MORPHOLOGICAL CHANGES, 12th Symposium „Novel technologies and economic development“, Book of abstracts, 58, BFT-24, Leskovac, 20-21 oktobar, 2017, ISBN 978-86-89429-22-0.(M64)

2. Jovan Ćirić, Nataša Joković, Slavica Ilić, Sandra Konstantinović, Dragiša Savić, Vlada Veljković, THE FERMENTATION OF WASTE GLYCEROL OBTAINED IN BIODIESEL PRODUCTION BY *Enterococcus faecalis* MK3-10A LACTIC ACID BACTERIA, 12th Symposium „Novel technologies and economic development“, Book of abstracts, 56, BFT-22, Leskovac, 20-21 oktobar, 2017, ISBN 978-86-89429-22-0.(M64)

3. Milica Z. Zlatković, Sandra S. Konstantinović, Jovan T. Ćirić, Slavica B. Ilić, Gordana D. Gojgić Cvijović, Vlada B. Veljković, MODIFICATION OF NUTRITIVE MEDIA WITH DIFFERENT CARBON AND NITROGEN SOURCE FOR HEXAENE H-85 AND AZALOMYCINE B PRODUCTION BY *Streptomyces hygroscopicus* CH-7, XII Conference of Chemists, Technologists and Environmentalists of Republic of Srpska, Book of abstracts, 75, BT-2, Teslić, 2-3 novembar 2018, ISBN 978-99938-54-66-1.(M34)

4. Jovan Ćirić, Slavica Ilić, Sandra Konstantinović, Dragiša Savić, Vlada Veljković, THE PRODUCTION OF OIL BY THE *SCENEDESMUS* AND *DESMODESMUS* MICROALGAE GROWN ON WASTE GLYCEROL, XII Conference of Chemists, Technologists and Environmentalists of Republic of Srpska, Book of abstracts, 82, BT-9, Teslić, 2-3 novembar 2018, ISBN 978-99938-54-66-1.(M34)

5. Slavica Ilić, Jovan Ćirić, Sandra Konstantinović, Dragiša Savić, Vlada Veljković, THE STIMULATIVE EFFECT OF ISATIN-3-HYDRAZONE AND 5-CHLOROISATIN-3-HYDRAZONE ON THE UTILIZATION OF WASTE GLYCEROL OBTAINED IN BIODIESEL PRODUCTION FROM SUNFLOWER OIL BY *STREPTOMYCES HYGROSCOPICUS* CH-7, XII Conference of Chemists, Technologists and Environmentalists of Republic of Srpska, Book of abstracts, 83, BT-10, Teslić, 2-3 novembar 2018, ISBN 978-99938-54-66-1.(M34)

6. Jovan Ćirić, Nataša Joković, Slavica Ilić, Sandra Konstantinović, Dragiša Savić, Vlada Veljković, The growth of *Enterococcus faecalis* MK3-10A on the combined media with glucose and waste glycerol, 25th Congress of Chemists and Technologists of Macedonia, Book of abstracts, BFT P-5, 207, Ohrid, 19-22 novembar 2018, ISBN 978-9989-760-16-7.(M64)

7. Jovan Ćirić, Slavica Ilić, Sandra Konstantinović, Dragiša Savić, Vlada Veljković, Utilization of waste glycerol from biodiesel production by freshwater microalgae, 25th Congress of Chemists and Technologists of Macedonia, Book of abstracts, BFT P-6, 208, Ohrid, 19-22 septembar 2018, ISBN 978-9989-760-16-7.(M64)

8. Ćirić J., Joković N., Ilić S., Konstantinović S., Savić D., Veljković V., Utilisation of waste glycerol obtained in Biodiesel production by *Enterococcus faecalis* isolated strain from milk products, XIII Conference of Chemists, Technologists and Environmentalists of Republic of Srpska, Book of abstracts, 34, 30.12.2020. ISBN 978-99938-54-86-9 (M34)

9. Ćirić J., Danilović B., Ilić S., Konstantinović S., Savić D., Veljković V., Oil production by isolated strains of *Chlorella* and *Chlorococcum* under the autotrophic and heterotrophic conditions, XIII Conference of Chemists, Technologists and Environmentalists of Republic of Srpska, Book of abstracts, 37, 30.12.2020. ISBN 978-99938-54-86-9 (M34)

10. Jovan Ćirić, Milica Zlatković, Slavica Ilić, Sandra Konstantinović, Vlada Veljković, The *Streptomyces hygroscopicus* metabolism of waste glycerol obtained in rapeseed oil-based biodiesel production assisted with isatin-3-tosylhydrazone and 5-chloroisatin-3-tosylhydrazone, 13th Symposium „Novel technologies and economic development“, Book of abstracts, 162, CHE-10, Leskovac, 18-19 oktobar, 2019, ISBN 978-86-89429-35-0 (M64)

10. Цитираност од 10 хетероцитата
Подаци из базе Scopus

1. Ilić, S.B., Konstantinović, S.S., Gojgić -Cvijović, G., Savić, D.S., Veljković, V.B, The impact of glycerol and some carbohydrates on antibiotic production by *Streptomyces hygroscopicus* CH-7, Medicinal Chemistry Research, 22 (2) (2013) 934-937.

1. Panjiar, N., Gabrani, R., Sarethy, I.P. Diversity of biosurfactant-producing streptomyces isolates from hydrocarbon-contaminated soil, International Journal of Pharma and Bio Sciences, 4 (1) (2013) B524-B535.

2. Han, Y., Tian, E., Xu, D., Ma, M., Deng, Z., Hong, K., Halichobleide D. A New Elaiophylin Derivative with Potent Cytotoxic Activity from Mangrove-Derived *Streptomyces* sp. 219807 *Molecules*, 21(8) (2016) 970.

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Потпис кандидата: _____

Slavica Ilić

Напомена: Кандидат је дужан да попуњен, одштампан и потписан образац о испуњавању услова за избор у звање наставника достави факултету који је објавио конкурс заједно са осталом документацијом којом доказује да испуњава услове конкурса