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|  **UNIVERSITY OF NIŠ** |
| **Course Unit Descriptor** | **Faculty**  | Faculty of Technology, Leskovac |
| **GENERAL INFORMATION** |
| Study program  | Technological engineering |
| Study Module (if applicable) | - |
| Course title | New processes of textile material finishing  |
| Level of study | [ ] Bachelor [ ]  Master’s [x]  Doctoral |
| Type of course | [ ]  Obligatory [x]  Elective |
| Semester  |  [x]  Autumn [x] Spring |
| Year of study  | I |
| Number of ECTS allocated | 8 |
| Name of lecturer/lecturers | Dragan Djordjevic |
| Teaching mode |  [x] Lectures [ ] Group tutorials [ ]  Individual tutorials [x] Laboratory work [ ]  Project work [x]  Seminar [ ] Distance learning [ ]  Blended learning [x]  Other |
| **PURPOSE AND OVERVIEW (max. 5 sentences)** |
| The acquisition of knowledge, skills and abilities to independently solve practical and theoretical problems in the field of processing of textile materials, organization and realization of development and scientific research, training for inclusion in national and international scientific projects and implementation of new technologies and procedures in the context of new finishing processes of textile materials.Developing the ability of critical analysis of existing knowledge, comminution at the professional level, the communication of research results at scientific conferences, through scientific journals, through patents and new technical solutions within the modern finishing processes of textile material. |
| **SYLLABUS (brief outline and summary of topics, max. 10 sentences)** |
| 1. Finishing of textile materials today, tomorrow, introductory remarks.
2. New methods of finishing textile materials of vegetable and animal origin.
3. New methods of finishing textile materials of man-made origin.
4. New methods of dyeing textile materials of vegetable origin.
5. New methods of dyeing textile materials of animal origin.
6. New methods of dyeing textile materials of man-made origin.
7. New methods of printing textile materials of vegetable origin.
8. New methods of printing textile materials of animal origin.
9. New methods of printing textile materials of man-made origin.
10. New methods of printing a mixture. Future trends in finishing of textile materials.
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| **LANGUAGE OF INSTRUCTION** |
| [x] Serbian (complete course) [x]  English (complete course) [ ]  Other \_\_\_\_\_\_\_\_\_\_\_\_\_ (complete course)[x] Serbian with English mentoring [ ] Serbian with other mentoring \_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| **ASSESSMENT METHODS AND CRITERIA** |
| **Pre exam duties** | **Points** | **Final exam** | **points** |
| **Activity during lectures** | **5** | **Written examination** | **-** |
| **Practical teaching** | **-** | **Oral examination** | **50** |
| **Teaching colloquia** | **45** | **OVERALL SUM** | **100** |
| **\*Final examination mark is formed in accordance with the Institutional documents** |