**«TASDIQLAYMAN»**

**Kafedra мudiri: \_\_\_\_\_\_\_\_\_\_\_\_\_**

**«\_\_\_\_\_» \_\_\_\_\_\_\_\_\_\_\_\_\_ 2022 yil**

# FAN DASTURI BAJARILISHINING KALENDAR REJASI

**(ма’ruza, seminar, lаbоrатоriya, aмаliy маshg’ulotlar, kurs ishlari)**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| Fаkultet: Sanoat texnologiyasi | | | | | | Yo’nalish: Kimyoviy texnologiya | | | | Akademik guruh  КТ- 174-175-20 (NMKT) | | | | | | Ma’ruza | | | 30 | | |
| Fanning nomi: Asosiy texnologik jarayon va qurilmalar | | | | | | | | | | | | | | | | Laboratoriya | | | 16 | | |
| Ma’ruzachi: | | | | | | | Xidirova Yu | | | | | | | | | amaliy | | | 44 | | |
| Maslahat va amaliy mashg’ulotni olib boruvchi: | | | | | | |  | | | | | | | | | Mustaqil ish | | | 90 | | |
| Mustaqil mashg’ulotlarni olib boruvchi: | | | | | | | Xidirova Yu | | | | | | | | | **Jami** | | | 180 | | |
| **2022-2023 o’quv yili** | | | | | | |  | | | | | | | | |  | | |  | | |
| **№** | | **Mаvzuning nomi** | | | | | **Аjratilgan soat** | | | **Bаjаrilganligi xаqida mа’lumot** | | | | | | **O’qituvchi imzosi** | | |
| **Oy va kun** | | **Soаtlar soni** | | | |
| **1** | | **2** | | | | | **3** | | | **4** | | **5** | | | | **6** | | |
| **Ma`ruza mavzulari** | | |  | | | | | | |
| 1. | | Konvektiv issiqlik almashinish. | | | | | 2 | | |  | |  | | | |  | | |
| 2. | | Issiqlik о‘tkazish. | | | | | 2 | | |  | |  | | | |  | | |
| 3. | | Bug‘latish jarayoni. | | | | | 2 | | |  | |  | | | |  | | |
| 4. | | Kо‘p korpusli bug‘latish qurilmasi. | | | | | 2 | | |  | |  | | | |  | | |
| 5 | | Massa almashinish asoslari. | | | | | 2 | | |  | |  | | | |  | | |
| 6. | | Massa о‘tkazish va berish. | | | | | 2 | | |  | |  | | | |  | | |
| 7. | | Quritish. Umumiy tushunchalar. Ideal va real quritish jarayonlari. | | | | | 2 | | |  | |  | | | |  | | |
| 8. | | Quritish jarayoni kinetikasi. | | | | | 2 | | |  | |  | | | |  | | |
| 9. | | Absorbsiya | | | | | 2 | | |  | |  | | | |  | | |
| 10. | | Haydash | | | | | 2 | | |  | |  | | | |  | | |
| 11. | | Rektifikatsiya | | | | | 2 | | |  | |  | | | |  | | |
| 12. | | Ekstraksiyalash va eritish. | | | | | 2 | | |  | |  | | | |  | | |
| 13. | | Adsorbsiy.Umumiy tushunchalar. | | | | | 2 | | |  | |  | | | |  | | |
| 14. | | Kristallanish. | | | | | 2 | | |  | |  | | | |  | | |
| 15. | | Qattiq materiallarni maydalash va klassifikatsiyalash | | | | | 2 | | |  | |  | | | |  | | |
| **Jami:** | | | | | | | **30** | | |  | |  | | | |  | | |
| Yetakchi o’qituvchi: Yu.Xidirova | | |  | | | | | | |

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# FAN DASTURI BAJARILISHINING KALENDAR REJASI

**(ма’ruza, seminar, lаbоrатоriya, aмаliy маshg’ulotlar, kurs ishlari)**

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| **2022-2023 o’quv yili** | | | | |  | | | | | |  | | | | | |  | | |
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| **Oy va kun** | | | **Soаtlar soni** | | |
| **1** | | **2** | | | | | | **3** | | **4** | | | **5** | | | **6** | | |
| **Laboratoriya mavzulari** | | | |  | | | | | |
| 1. | | | | "Truba ichida truba" tipidagi isitkichdagi issiqlik berish koeffitsiyentini aniqlash | | | | | | 2 | |  | | |  | | |  | | |
| 2. | | | | "Truba ichida truba" tipidagi isitkichning issiqlik o‘tkazish koeffitsiyentini aniqlash | | | | | | 2 | |  | | |  | | |  | | |
| 3. | | | | Eritmalarning temperatura depressiyasini aniqlash | | | | | | 2 | |  | | |  | | |  | | |
| 4. | | | | Quritish qurilmasida qurish jarayonini o‘rganish | | | | | | 2 | |  | | |  | | |  | | |
| 5 | | | | Quritish jarayonining kinetikasi | | | | | | 2 | |  | | |  | | |  | | |
| 6. | | | | Harakatchan nasadkali kolonnalarda massa berish va o’tkazish koeffisiyentini aniqlash | | | | | | 2 | |  | | |  | | |  | | |
| 7. | | | | Sochiluvchan materiallarning solishtirma yuzasini aniqlash va elaklarda fraksiyalarga ajratish | | | | | | 2 | |  | | |  | | |  | | |
| 8. | | | | Qattiq jismlarni maydalash | | | | | | 2 | |  | | |  | | |  | | |
| **Jami:** | | | | | | | | | | **16** | |  | | |  | | |  | | |
| Yetakchi o’qituvchi: Yu.Xidirova | | | |  | | | | | |

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**(ма’ruza, seminar, lаbоrатоriya, aмаliy маshg’ulotlar, kurs ishlari)**

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| Ma’ruzachi: | | | | | Xidirova Yu | | | | | | amaliy | | | | | | 44 | | |
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| 4. | | | | Quritish qurilmasida qurish jarayonini o‘rganish | | | | | | 2 | |  | | |  | | |  | | |
| 5 | | | | Quritish jarayonining kinetikasi | | | | | | 2 | |  | | |  | | |  | | |
| 6. | | | | Harakatchan nasadkali kolonnalarda massa berish va o’tkazish koeffisiyentini aniqlash | | | | | | 2 | |  | | |  | | |  | | |
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| **Jami:** | | | | | | | | | | **16** | |  | | |  | | |  | | |
| Yetakchi o’qituvchi: Yu.Xidirova | | | |  | | | | | |