

# Northern Technical University Phase II / Oil Refining Branch / Projects

Technical Institute / Mosul 2022-2023

## Chemical and petroleum industries

| project name                                                 | Supervisors' names         | Names                               |   |
|--------------------------------------------------------------|----------------------------|-------------------------------------|---|
| Restoration of the hood device / oil technology laboratory   | Dr.. Rawya Zaghloul Saeed  | Rasool Rashid Hamid Ahmed           | ١ |
|                                                              |                            | Rafid Rashid Hamid Ahmed            |   |
|                                                              |                            | Ahmed Ammar Salem Muhammad          |   |
|                                                              |                            | Karar Abdel Khaleq Girgis Muhammad  |   |
| Separation of caffeine from coffee                           | Qais Mohammed Abdel Hamid  | Ahmed Abdel Nour Younes Khalil      | ٢ |
|                                                              |                            | Simon Meron Luqman                  |   |
|                                                              |                            | Dhari Khawam Asi Haji               |   |
| Improving the properties of gasoline by mixing with methanol | Mahmoud Khalil Selim       | Ahmed Ali Jassim Mohammed           | ٣ |
|                                                              |                            | Omar Nofal Nuri Muhammad            |   |
|                                                              |                            | Tamara Basil Salem Mahmoud          |   |
| Determination of the percentage of carbon in oil derivatives | Dr.. Wijdan Muhammad Saleh | Andy Jamal Salim Kothi              | ٤ |
|                                                              |                            | Alaa Hussein Hassan Emad            |   |
|                                                              |                            | Ali Ahmed Osman Ali                 |   |
|                                                              |                            | Ayed Mahmoud Hamid Muhammad         |   |
| _ Polystyrene                                                | Reem Talal Nazir           | Zakaria Ghazi Abdul Rahman Abdullah | ٥ |
|                                                              |                            | Diaa Mahmoud Ahmed Mohamed          |   |
|                                                              |                            | Muhammad Mahmoud Hussein Ali        |   |
| Thermal cracking of heavy oil derivatives                    | Mahmoud Khalil Selim       | Saif Jassim Mohammed Khalif         | ٦ |
|                                                              |                            | Waseem Zaid Khalaf Khadr            |   |
|                                                              |                            | Karam Abdul Rahman Abdul Ali        |   |
| D plan design for an oil refining unit <sup>٢</sup>          | Dr.. Rana Sami Said        | Din Saad Ibrahim Sheet-Saif Al      | ٧ |
|                                                              |                            | Amer Yassin Fayyad Mahmoud          |   |
|                                                              |                            | Maan Muhammad Khalil Muhammad       |   |
|                                                              |                            | Muhammed Ibrahim Mohsen resident    |   |

# Northern Technical University, the second phase / branch of operating industrial units / The projects

Technical Institute / Mosul 2022-2023

## Chemical and petroleum industries

| project name                                                  | Supervisors' names          | Names                                   |   |
|---------------------------------------------------------------|-----------------------------|-----------------------------------------|---|
| Study of corrosion in petroleum derivatives                   | Dr.. Rawya Zaghloul Saeed   | David Ali Ali Hussein                   | ١ |
|                                                               |                             | Donia Saad Khaled Abdul Qadir           |   |
|                                                               |                             | Amna Khalil Ismail Musa                 |   |
|                                                               |                             |                                         |   |
| Separate caffeine from energy drinks                          | Qais Mohammed Abdel Hamid   | Statement of Muhammad Ali Ibrahim Ahmed | ٢ |
|                                                               |                             | Rahma Muhammad Hussein Ali              |   |
|                                                               |                             | Saher behind Gerdo Schwan               |   |
|                                                               |                             |                                         |   |
| and their applications Nanomaterials                          | Saba Said Mohammed          | Azza Amer Mahmoud Fathi                 | ٣ |
|                                                               |                             | Ali Thamer Hazem Hamdoun                |   |
|                                                               |                             | Murad Shoaib Younis Ismail              |   |
|                                                               |                             |                                         |   |
| Determining the percentage of carbon in petroleum derivatives | Dr.. Wijdan Muhammad Saleh  | Muthanna Saleh Khalif Tamr              | ٤ |
|                                                               |                             | Good Ziad Salem Fathi                   |   |
|                                                               |                             | Heba Younes Mahmoud Shaker              |   |
|                                                               |                             | Diaa Fathi Hussein                      |   |
|                                                               |                             |                                         |   |
| Ion exchange resins                                           | Reem Talal Nazir            |                                         | ٥ |
|                                                               |                             | Haitham Salah Farhan Mahjoub Jubouri-Al |   |
|                                                               |                             | Amna Rafi Taher Hassan                  |   |
|                                                               |                             | Haitham Younis Mahmoud Mohamed          |   |
|                                                               |                             |                                         |   |
| Restoration of the hood device in the physics laboratory      | Dr.. Rana Sami Said         | Ahmed Ghanem Said Khalil                | ٦ |
|                                                               |                             | Ayman Walid Hashem Abdullah             |   |
|                                                               |                             | Rayan Raed Abbas Fadel                  |   |
|                                                               |                             | Khalil Ibrahim Muhammad Ibrahim         |   |
|                                                               |                             | Yusuf Abdullah Sultan Ali               |   |
|                                                               |                             | Rawnaq Azad Rashid is black             |   |
|                                                               |                             |                                         |   |
| Ovs and electronic volumetric flow measurement                | Saba Said Mohammed          | Nasser Mutlaq Ibrahim Sukran            | ٧ |
|                                                               |                             | `Youssef Farag Mahmoud Jassim           |   |
|                                                               |                             |                                         |   |
| Organic compounds in petroleum products                       | Dr.. The sky of Adnan Raouf | Omar Masoud Hussain Ali                 | ٨ |
|                                                               |                             | Fathia Zahir Ibrahim                    |   |

