

Excerpts From The Agreement

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Between

University of Manchester (UMIST) - Manchester/Uk

And

K.N.TOOSI University of Technology (KNTU)

Tehran - Iran

- 1- This agreement concerns a joint collaboration for training M.Sc. Students in Energy & process Integration – Refinery Design and operation according to the terms and conditions approved by the Ministry of Science, Research and Technology of the Islamic Republic of Iran and the Ministry of Higher Education of UK.
- 2- Students are admitted through an admission procedure conducted by KNTU. For each Iranian academic year, the maximum of twenty students will be admitted to the program. These students will register at KNTU.
- 3- The duration of the program is 1.5 years.
- 4- Language of the program is english and students should present IELTS score 6, before starting the M.Sc. program.
- 5- Courses will be offered jointly by UMIST and KNTU in Tehran. Professors from UMIST will travel to Tehran for the purpose of teaching.
- 6- Course materials for the program will be provided by UMIST.
- 7- Students who successfully pass all courses and the program requirements will be granted the M.Sc. degree from KNTU with logo and stamp of UMIST.
- 8- A degree programming and supervising committee will supervise the whole program. This committee includes three faculty members from UMIST and three faculty members from KNTU.
- 9- The program consists of the following modules:
 - **Major Modules:**
 - 1- Modeling
 - 2- Optimization
 - 3- Heat Integration
 - 4- Cogeneration and Site Utility Systems
 - 5- Process Safety
 - 6- Advanced Mathematics

- Special Modules:

- 1- Refinery Optimization
- 2- Operability & Control
- 3- Refinery and Petrochemical Processes

- Other Modules:

- 1- Seminar
- 2- Project