

## Admission Procedure for the Dual Master's Degree Programme in Mechanical Engineering -Manufacturing for National and International Applicants at the University of Tehran- Kish International Campus (Iran) and Furtwangen University(Germany) 2021-2022

University of Tehran-Kish International Campus (UT-KIC) based on the approval of the Academic Planning Council of the University of Tehran and according to the Memorandum of Understanding with Furtwangen University, Germany, accepts students for dual master's degree programme in Mechanical Engineering-Manufacturing in 2020-2021. Selection takes place based on applicant's quality and suitability through reviewing his/her academic records, scientific backgrounds, and an academic interview. The duration of the programme for master's degree is two years (1+1) and the students will spend the first year at UT-KIC and the 2nd year at the Institute of Precision Machining (KSF) in Furtwangen University, Germany. According to the signed MOU, students who successfully fulfill the requirements of both universities will receive the appropriate degree in "Mechanical Engineering-Manufacturing" from UT-KIC, and "Precision Manufacturing, and Management" from Furtwangen University, Germany (Dual degree programme). The programme designed to strengthen the scientific and practical abilities of graduates in the field of Precision Manufacturing and Management, to meet the needs of advanced industries in technical knowledge and dynamic innovation. Local and international students will be admitted to the PROGRAMME through a review of their Bachelor's degree approved by the relevant authorities and an academic interview at UT-KIC and KSF in 2021-2022.

### **Specific conditions:**

1- Having an official bachelor's degree in one of the fields of Mechanical Engineering, Materials Engineering, Industrial Engineering, Electrical Engineering, Civil Engineering, Architectural Engineering and Industrial Design from domestic or foreign accredited universities approved by the Iran Ministry of Science, Research and Technology.

**Note:** Adaptation and equivalence of foreign applicant's documents is the responsibility of the competent authorities of the Ministry of Science, Research and Technology. It is necessary for the applicant to approve his/her degree by the Ministry of Science, Research and Technology, before registration.

2- Having a minimum GPA of 14 out of 20 in bachelor's degree.

3- Participation and acceptance in academic interview in English (the interview is conducted according to the academic, scientific, research background, and scientific honors, as well as specialized questions in the field of Mechanical Engineering- Manufacturing and Production).

**Note:** All submitted documents will be reviewed and screened at the Department of Mechanical Engineering at UT-KIC, and the eligible applicants will be invited for an academic interview. The interview committee includes professors from UT-KIC and Furtwangen University, Germany.

4- Providing a certificate of English language proficiency or the approval from the academic interview committee needed to attend the programme.

5- Providing a certificate of German language proficiency at level A2, or the approval from the academic interview committee needed before being sent to Germany in the second year of study.

### **Other Regulations:**

1- The place of study is UT-KIC on Kish Free Zone in Iran and Furtwangen University in Germany.

2- Educational programmes at UT-KIC are according to the educational calendar approved by the University of Tehran, and in Germany according to the educational calendar of Furtwangen University.

3-Classes will be held at UT-KIC in the first year, and at Furtwangen University in the second year. The admitted students are required to attend all classes (in special circumstances, classes will be held electronically and virtually).

**Note:** Students will respectively be subject to the educational regulations of the University of Tehran and Furtwangen University while studying in Iran and Germany.

4-Students are responsible for providing accommodation, welfare, health and medical facilities including insurance, as well as visa-related expenses and departure to Germany.

5- Students are required to pay the full tuition fee for each semester according to the table of the tuition fee.

6- It is forbidden to transfer or host the admitted students of this programme to other campuses/faculties and universities.

7- All the educational courses of the programme are offered at UT-KIC in the first academic year. The students conduct their research and complete their dissertation in Germany in the second year.

**Note:** Based on the recognition of UT-KIC and Furtwangen University, extra courses will be offered to the students in Germany, in the second year.

8- If student fails to go to Germany for any reason, after completing the courses and the dissertation in the second year of his/her studies in Iran, he/she will receive a master's degree in Mechanical Engineering-Manufacturing from UT-KIC.

9- Supervising and evaluating of the student's project in this programme will be done jointly by the professors from the two universities. The defense session will be done in the presence of the supervisors and the referees at UT-KIC.

10- Semester leave is not allowed in this programme.

### Tuition Fees:

1- The programme tuition fee for applicants in 2020-2021 is as follows:

#### Tuition Fees 2020-2021 (for national (Iranian) applicants)

First Year	First Semester	Second Semester
Registration in Iran (in Rial)	Fixed Tuition=46908477 Variable Tuition per unit (for theoretical courses)=3822172	Fixed Tuition=46908477 Variable Tuition per unit (for theoretical courses)=3822172
Registration in Germany (in Euro)	130	130
Second Year	First Semester	Second Semester
Registration in Germany (in Euro)	2730	2730
Registration in Iran(in Rial)	Fixed Tuition=46908477 Variable Tuition per unit (for theoretical courses) if any=3822172 *Thesis Tuition per unit=4777716	Fixed Tuition=46908477 Variable Tuition per unit (for theoretical courses) if any=3822172 *Thesis Tuition per unit=4777716

\*If the student is not able to travel to Germany for any reason, the dissertation fee will be doubled.

#### Tuition Fees 2020-2021 (for international applicants)

First Year	First Semester	Second Semester
Registration in Iran (in Euro)	2150	2150
Registration in Germany (in Euro)	130	130
Second Year	First Semester	Second Semester
Registration in Germany (in Euro)	2730	2730
Registration in Iran(in Euro)*	1075	1075

\*If the student is not able to travel to Germany for any reason, the tuition fee will be doubled.

2- The tuition fee does not include accommodation, participation in English and German language classes, transportation, insurance, food, etc.

- 3- In case of passing pre-requisite courses, the tuition fee for those courses will be based on the previous degree programme.
- 4- In case of student cancellation, the tuition fee will not be refunded in any way.
- 5- Payment in Rial is necessarily possible through the electronic portal.

### **Required Documents for Registration:**

All applicants should submit the following documents to the [kish@ut.ac.ir](mailto:kish@ut.ac.ir) no later than **February 3<sup>rd</sup> 2021** (documents submitted outside the deadline will not be considered):

- 1- Completed application form available at: [ApplicationForm.pdf](#)
- 2- A scanned copy of a personnel photo (3x4)
- 3- A scanned copy of identity card
- 4- A scanned copy of high school diploma in English
- 5- A scanned copy of Bachelor's certificate and related transcripts in English
- 6- A scanned copy of English language certificate (if any)

**Note:** Candidates who have an unofficial degree must approve it by the Ministry of Science, Research and Technology before registration.

- 7- Enrolment certificate (for students in the last semester of their bachelor's degree)
- 8- Curriculum Vitae (CV) includes academic, scientific, and research backgrounds, scientific honors and work records.
- 9- Certificate of work experience and employment in the related manufacturing industries.

**Important Note:** Incomplete submissions will not be considered.

**The original documents will be needed at the time of registration.**

### **Important Notes:**

- 1- The responsibility for the accuracy of all the submitted documents is on the candidate.
- 2- Failure to complete the registration process or incorrect registration will result in deprivation of participation in the admission process at any stage of admission or study, and no fees will be refunded.

3- Presenting the original certificates, transcripts, notarized commitment, and paying the tuition fee, after announcing the result and accepting the student, is mandatory.

4- The programme will be performed provided that a sufficient number of qualified applicants are enrolled. If not, the tuition will be refunded and the registration will be considered invalid.

5- All those admitted must have completed a bachelor's degree by 02/18/2021.

6- For candidates who do not succeed in obtaining a graduation certificate at the time of registration, it is mandatory to provide a certificate of completion including the GPA and number of credits passed from their University.

### Required courses for the programme by Semester/University

Terms and conditions of the course during the study period		Courses title offered for each semester		
		Course Subject in English	CP	Module Title
Courses that should be taken in the first year at UT-KIC (Iran)	Courses offered for semester 1	Industrial Production Systems	3	Management 1
		Artificial Intelligence	3	Precision Manufacturing and Measurement Technology
		Finite Element Method 1	3	Machining Technologies and Simulation/ Modern Manufacturing Processes
	Courses offered for semester 2	Machining Tools and Mechanics of Machining	3	Management 2
		Production and Quality Planning and Control	3	Compulsory Elective Module
		Advanced Mathematics 1	3	
Courses that should be taken in the second year at Furtwangen University (Germany)	Courses offered for semester 3	*Research Project 1	---	*Research 1
		Seminar	2	Seminar
	Courses offered for semester 4	*Research Project 2	---	*Research 2
		Thesis	6	Final Thesis

\*Required courses based on PMM syllabus, which will be offered only at Furtwangen University in Germany.

### Information and Advice

**Ghader Faraji, PhD.**

Associate Professor of Mechanical Engineering,  
College of Engineering, University of Tehran, Iran.

Tel: +98 76 44434332-3

Fax: +98 76 44432683

Email: [ghfaraji@ut.ac.ir](mailto:ghfaraji@ut.ac.ir)

web: <https://kish.ut.ac.ir/en/home>

**Bahman Azarhoushang, Prof. Dr.-Ing.**

Furtwangen University,

KSF, Germany.

Tel: +49 7720 307-4215

Email: [aqa@hs-furtwangen.de](mailto:aqa@hs-furtwangen.de)

web: <https://www.hs-furtwangen.de>