

**Collaboration Agreement**  
**Pertaining to the Master's Programme Global Research in Sustainable**  
**Engineering at OTH Amberg-Weiden**

**Between**



**Ostbayerische Technische Hochschule**  
**Amberg-Weiden**

**Ostbayerische Technische Hochschule Amberg-Weiden**  
**Germany**  
**(OTH Amberg-Weiden)**

**And**



**MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY JAIPUR**  
**JLN Marg, Jhalana Gram, Malviya Nagar, Jaipur – 302017, Rajasthan**  
**India**

**Ostbayerische Technische Hochschule Amberg-Weiden** (hereinafter referred to as OTH Amberg-Weiden)

and

**Malaviya National Institute of Technology, Jaipur** (hereinafter referred to as Partner)

signed a Memorandum of Understanding on the 25<sup>th</sup> of September 2017 which was extended and amended by mutual agreement on the 12<sup>th</sup> of January 2021. Under the umbrella of this Memorandum, the following fresh Agreement is entered into between the Parties:

**Ostbayerische Technische Hochschule Amberg-Weiden** ("OTH Amberg-Weiden"), located in the Free State of Bavaria, [Address: Kaiser-Wilhelm-Ring 3, 92224 Amberg, Deutschland] Germany,

and

**Malaviya National Institute of Technology, Jaipur** („Partner“), located at Jawahar Lal Nehru Marg, Jaipur, India

(hereinafter each referred to as Party and collectively as Parties), conclude this Collaboration Agreement pertaining to the degree programme „Global Research in Sustainable Engineering“ (GSE) of OTH Amberg-Weiden, and agree upon the following:

## **1. Purpose of the Agreement**

The purpose of this Agreement is to

- a) Enable students of the OTH Amberg-Weiden in the Master's Programme Global Research in Sustainable Engineering (GSE) to spend a research period at the Partner institution after prior agreement and signing of a corresponding supervision commitment by the Parties
- b) Carry out joint summer or winter schools within the framework of the Master's Programme GSE upon prior agreement by the Parties

## **2. Description of the Master's Programme Global Research in Sustainable Engineering at the OTH Amberg-Weiden**

### **a. Objective of the Degree Programme**

The objective of the programme is to qualify the students to independently carry out scientifically sound and application-oriented international research and development projects in different areas of the engineering sciences, for example in the field of Energy Technology, Energy Efficiency, Climate Protection, Bio and Environmental Process Engineering, Mechanical Engineering, Electrical Engineering, Industrial Engineering as well as related disciplines.

In these projects, the students will acquire analytical, creative and design-related skills as well as technical expertise and both personal and intercultural competencies. These competencies are taught, among other things, through interrelated projects that are integrated into the applied research and development activities, mainly in the laboratories of the departments of the OTH-AW and in collaboration with international cooperation partners.

The international and intercultural competencies are mainly acquired through a mandatory research project abroad. This stay abroad encourages the students to apply their foreign language skills with regard to technical matters and offers them an insight into international differences and rules/regulations and, of course, industry-related specifics. The intercultural competencies result from working in international research teams and from hands-on experience.

b. Start, Duration and Schedule, Semester Dates

The program is scheduled to start at the beginning of the summer semester 2023. The standard duration of study is 3 semesters. For graduates of a Bachelor's programme with less than 210 ECTS credits - but at least 180 ECTS credits - there is the possibility to complete missing competences through a qualification semester, in which 30 ECTS credits can be obtained. Graduates of a Bachelor's programme with 210 ECTS credits must earn 90 ECTS credits in the Master's programme GSE, graduates of a Bachelor's programme with 180 ECTS credits must earn 120 ECTS credits in the Master's programme GSE. The course of study is shown in Annex 1.

The winter semester at OTH Amberg-Weiden commences on 1 October and finishes on 14 March of the following year. The summer semester at OTH Amberg-Weiden commences on 15 March and finishes on 30 September.

c. Requirements

If the applicant meets the qualification requirements (according to the study and examination regulations) as well as the language requirements (according to the study and examination regulations and the enrolment statutes) and has demonstrated his/her subject-specific aptitude upon submission of the required documents, he/she will be admitted to the study program.

d. Research Periods Abroad at Partner Institutions

Students will complete at least one research work (for the duration of one semester) but no more than two research works (for the duration of two semesters) abroad as part of their Master's programme. The modules "Project Work" (module number 3.1 and 4.1, see Annex 1) and "Master Thesis" (module number 5, see Annex 1) are designated as "Research Work". The assignment for this research work is given by the supervisor of the OTH Amberg-Weiden after prior coordination with the supervisor of the respective cooperation partner(s). The research works to be completed by the students are examination requirements of the students at the OTH Amberg-Weiden.



e. Summer Schools / Winter Schools

After prior coordination with the Collaboration Partners, winter and summer schools are offered in the form of block courses. These include in particular research conferences and seminars. Within the framework of the research conferences, the students present and publish the results of their research work.

### **3. Studies at the OTH Amberg-Weiden**

a. Application Process

The Master's Programme Global Research in Sustainable Engineering is open to the bachelor graduates of the Partner institution, the OTH Amberg-Weiden and other colleges and universities (applicants).

b. Student status, participation, tuition fees, living expenses

If the applicant fulfills the requirements mentioned under 2.c. and is able to demonstrate his/her subject-specific aptitude, he/she will be enrolled as a regular student at the OTH Amberg-Weiden and the topics of the research work will be assigned to him/her by the OTH Amberg-Weiden.

In order to be enrolled, the applicant must submit proof of German health insurance or a certificate of exemption (from the statutory German health insurance), proof of German language skills (may be submitted later) and proof of payment of the student union fee to the Office of Student Affairs of OTH Amberg-Weiden.

Students of the OTH Amberg-Weiden have to pay a student union fee every semester.

OTH Amberg-Weiden does not charge tuition fees.

The costs incurred by the students, in particular the costs of travel to and from the event, the costs of accommodation and meals, books, printouts are to be borne by the students themselves. If possible, the OTH Amberg-Weiden will support the students in finding possible accommodation.

### **4. Research Periods Abroad of Students of OTH Amberg-Weiden at the Partner Institution**

a. Preparation as part of the application process

Upon the applicant's request for admission, the respective contact person at OTH Amberg-Weiden (who will be the applicant's supervising professor at OTH Amberg-Weiden at the commencement of his/her studies) arranges a possible research period of one or maximum two semesters together with the contact person from the Partner institution and agrees on the research topic with the designated supervisor of the Partner institution. This supervisor must have at least a Master's level degree and

shall provide a supervision commitment according to Annex 2. The applicant needs this confirmation of supervision for his/her application for the Master's Programme at the OTH Amberg-Weiden.

Bachelor graduates from the Partner institution may get in touch with the contact person or a designated supervisor at the Partner institution for a preliminary agreement regarding the topic of the research work and the period of the research stay at the Partner institution. This designated supervisor must have at least a master's degree. The potential supervisor or the Partner's contact person will then get in touch with the contact person at OTH Amberg-Weiden. In this case as well, it is the student's responsibility to apply to OTH Amberg-Weiden.

If the applicant meets the qualification requirements and was able to prove his/her course-specific aptitude in the selection procedure, the topics of the research work (course work of the modules "Project Work" and "Master's Thesis") as well as the other modules to be completed will be determined and the applicant will be admitted as a regular student to the OTH Amberg-Weiden.

The study plan/curriculum is developed individually for each student. At the beginning of the study program, a "Learning Agreement", i.e. a personal study plan taking into account stays abroad and digital offers, is drawn up by each student in consultation with the supervisor. This Learning Agreement is signed by the student and – upon approval - by the responsible selection committee and the responsible examination committee of the OTH Amberg-Weiden

b. Research period at the Partner institution

During his/her research stay, the student becomes acquainted with approaching a research task and with research work in general, especially with regard to subject-specific work processes, but also with the culture in general. He/she can perform his/her course work as defined in the supervision commitment (modules "Project Work" and/or "Master's Thesis") at the Partner institution by completing and documenting the assigned research topic.

The student will be supervised on site (at the Partner institution) at the Partner's expense by the designated supervisor as mentioned in the supervision commitment. If, in an exceptional case, the supervisor is no longer employed by the Partner, the student will be supervised by another supervisor of the Partner institution (at least at master's level) who is familiar with the topic of the research work as agreed upon with the contact person at OTH Amberg-Weiden. In addition, the student will be supervised by a professor at OTH Amberg-Weiden. The Partner provides the resources necessary for the student's research work (modules "project work" and "master's thesis") (in particular, the spatial and material resources including all facilities, equipment, hardware, software and consumable materials required to carry out the research work).

The research work (modules "Project Work" and/or "Master Thesis") is part of the study and examination requirements and may be good or bad in terms of grading.



The OTH Amberg-Weiden does not have any rights in study and examination achievements; there is no responsibility on the part of the OTH Amberg-Weiden or its employees for the students' achievements and performance. According to German Copyright Law, the student is entitled to the intellectual property rights in his/her research work.

c. Expected number of students at Partner Institution

The Partner is expected to accept a maximum of up to 10 students of OTH Amberg-Weiden per semester in accordance with the term duration at the OTH Amberg-Weiden.

d. Attendance of courses at Partner institution

During their research stay, the students of OTH Amberg-Weiden may participate in the courses at the partner institution and sit exams.

e. Status of student at Partner institution, participation, tuition fees, living costs during research stay

The student will be enrolled as a student at the Partner institution during the period of his/her research stay (summer semester from March 15 to September 30 of a year and winter semester from October 1 of a year to March 14 of the following year) or will have an equivalent status.

The student has to submit the following documents to the Partner:

1. Copy of Valid Passport
2. Copy of Valid VISA
3. Formal Nomination letter from OTH Amberg-Weiden

The Partner institution does not charge tuition fees.

Any costs incurred by the students, in particular costs for travelling to and from the Partner institution, the costs of accommodation and meals, books, printouts have to be borne by the students themselves. If possible, the partner will support the students in finding possible accommodation.

f. Regular Talks

Under this Agreement, regular talks (semester by semester) shall take place between the Parties regarding the respective research stays of the students of the OTH Amberg-Weiden.

## 5. Contacts

Contact partners under this Agreement are

- a. For OTH Amberg-Weiden: Prof. Frank Späte as Head of the Degree Programme

Contact Details:  
OTH Amberg-Weiden  
Fakultät MB/UT  
Kaiser-Wilhelm-Ring 23  
92224 Amberg

Tel: +49 (9621) 482-3340  
E-Mail: [f.spaete@oth-aw.de](mailto:f.spaete@oth-aw.de)

- b. For the Partner: Prof. Dr. Jyotirmay Mathur

Contact Details:  
Malaviya National Institute of Technology (MNIT) Jaipur  
JLN Marg Jaipur  
PIN 302017 Rajasthan India

Tel: +919549654241  
E-Mail: [jmathur.mech@mnit.ac.in](mailto:jmathur.mech@mnit.ac.in)

## **6. Quality Assurance**

The Master programme GSE at the OTH Amberg-Weiden is subject to their internal quality assurance process. Due to the system accreditation of March 28, 2017, issued by AQUIN on behalf of the German Accreditation Council, the OTH-AW is authorized to accredit its study programs itself.

## **7. Non-discriminatory treatment, students with special needs**

All students at OTH Amberg-Weiden will be treated in the same non-discriminatory manner, specifically without regard to race, ancestry, place of origin, colour, ethnic origin, citizenship, religious belief, gender, sexual orientation, gender identity, age, marital status, familial status, or disability. Both parties adhere to this principle of non-discrimination.

If special requirements arise from a student's pregnancy or maternity during the research stay, these will be coordinated between the Parties.

## **8. Costs**

Each Party shall bear its own costs incurred in connection with the implementation of this Agreement.

## 9. Term and Termination

This Agreement shall be valid for four (4) years (from the date of signature) after which time it shall be automatically renewed by another two (2) years at a time unless terminated by either of the Parties - without giving reasons - at one year's notice before the end of the next term.

Both Parties shall ensure that even after termination of this Agreement, students can properly complete their studies in accordance with this Agreement, also taking into account their individual course of studies (e.g. including any re-sit examinations, extensions of deadlines for reasons beyond their control).

## 10. Final Provisions

### a. Written form

Amendments and supplements to this Agreement must be made in writing. This formal requirement may only be waived in writing.

### b. Severability clause

Should any provision of this Agreement be or become invalid, this shall not affect the validity of the remaining provisions of this Agreement. Instead, the invalid provision shall be replaced retroactively by a provision that is legally permissible and which, to the extent possible, corresponds to the meaning and purpose of the original provision.

### c. Settlement of Disputes

The Parties under this Agreement shall attempt to settle amicably any disagreements / disputes arising from this Agreement, including those that do not arise until after its termination. To this end, the Parties agree that one representative of the Partner institution and one of OTH Amberg-Weiden, together with the President of OTH Amberg-Weiden and the Director of the Partner institution, will seek an amicable solution.


### d. Applicable law

Since the academic degree is awarded by the OTH Amberg-Weiden, Germany, the law of the Federal Republic of Germany shall apply to the academic degree associated with this agreement as well as the academic achievements (see No. 4b last paragraph) and the student's stay in Germany, excluding the conflict of laws and the rules of private international law, and the place of jurisdiction shall be Amberg, Germany. In matters relating to conduct during the student's visit to India, Indian law is applicable to foreign visitors and the place of jurisdiction is Jaipur, India.




Jaipur, ..... 4. 11. 2022 .....  
(Place, Date)

For  
**Ostbayerische Technische Hochschule  
Amberg-Weiden  
Germany**



**President OTH-AW**



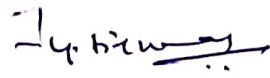
Contact of  
OTH Amberg-Weiden  
Prof. Frank Späte

Jaipur, ..... 04/Nov/2022 .....  
(Place, Date)

For  
**Malaviya National Institute of  
Technology Jaipur  
India**



**Director MNIT Jaipur**



Contact of  
MNIT, Jaipur  
Prof. Dr.-Ing. Jyotirmay Mathur

Annexes:

Annex 1: Curriculum of Master Programme GSE at the OTH Amberg-Weiden

Annex 2: Supervision commitment of supervisor at the Partner institution