



MEMORANDUM OF UNDERSTANDING

between

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

HYDERABAD, TELANGANA STATE, INDIA

and

THE KNOWLEDGE FOUNDATION REUTLINGEN UNIVERSITY,

REUTLINGEN, GERMANY

This Memorandum of Understanding entered on the ^{19th}xx, June 2025.

The Reutlingen University Knowledge Foundation and Jawaharlal Nehru Technological University Hyderabad (herein after “the parties” / “institutions”), inspired by the extensive possibilities offered by international co-operation, recognize the need to develop and nurture new partnerships and to share human and material resources, with the aim to increase international understanding, promote the respect for the human rights declared in UN’s Declaration of Human Rights and to contribute to the pool of global knowledge.

In the spirit of this challenge and responsibility, the parties acknowledge the similarities in the scholarly pursuits of the institutions and desire to promote inter-institutional co-operation, scientific and cultural exchange, as well as mutual understanding and respect.

The parties therefore want to join the following Agreement:

1. The two Institutions shall establish and encourage mutually beneficial scientific, technological, educational and other cooperations based on the following scope of activities:
 - ✓ Establishment of joint research programmes.
 - ✓ Establishment of educational cooperation.
 - ✓ Establishment of collaborative and joint educational programmes.
 - ✓ Cooperation in skill development

- ✓ Exchange of staff members for the purpose of research, training, teaching and/or the presentation of special courses in their fields of specialization.
- ✓ Organization of conferences, seminars and symposia of mutual interest to the institutions.

2. In each case, the planned specific activity / activities under the above scopes shall be determined by the both the parties and documented in separate annexes to the present agreement with necessary terms and conditions. The annexes will also be signed separately by both parties for implementation of the cooperation.

3. Both parties accept that financial and operational arrangements shall be negotiated in each case and shall be dependent on the availability of funds.

The parties shall aim to find sources of financial assistance for the activities and exchanges to be undertaken in the terms of this Agreement.

4. This Agreement represents the total Agreement between the parties:

5. The representatives of the parties, or their authorized substitutes, shall meet frequently at suitable times to evaluate the implementation of this Agreement and to decide on changes or additions thereto, which will not be of any force or effect unless in writing and signed by the representatives of both parties.

6. This Memorandum shall be considered for review after a period of 5 years.

7. This Agreement shall come into effect when the authorized representatives of both parties have signed it. Either party may withdraw from the Agreement by giving written notice before 31st December of any year of its intention to withdraw with effect from 01st September 2025.

8. KF Reutlingen University will install project management body for communication, preparation of necessary policies, language courses and gap credit courses execution in India through its PMU unit by GC German Center for Advanced Engineering and Management Studies GmbH.

The parties choose for purposes of this Agreement as their communication and execution, the following addresses:



Signed for and behalf of:

Mr. Daniel Geigis
Chief Executive Officer (CEO)

The Knowledge Foundation
Reutlingen University,
Alteburgstraße 150,
72762 Reutlingen,
Germany



Signed for and behalf of:

Dr. K. Venkateswara Rao
Registrar

Jawaharlal Nehru Technological
University -Hyderabad
Kukatpally, Hyderabad - 500 085.
Telangana,
India





**Memorandum of Understanding
Between
Jawaharlal Nehru Technological University Hyderabad, India
And
The Reutlingen University Knowledge Foundation (KFRU), Reutlingen, Germany
on
Five and half year International Integrated Bachelor and Masters Programme
And Master program with one semester in JNTU H and 3 semesters in KFRU
in
Professional Software Engineering
&
Student Exchange Programmes**

The Jawaharlal Nehru Technological University Hyderabad (JNTUH), India and The Reutlingen University Knowledge Foundation (KFRU) Reutlingen, Germany (hereafter "the parties" or "the institutions") agree on the following modalities for academic cooperation.

I. Scope of the Academic Cooperation

The parties agree to jointly offer Five Year Integrated Programmes (Bachelors given by JNTU H, India and Masters given by Reutlingen University, Germany) in the specialization of Computer Science (Professional Software Engineering) of 160 Credits at JNTUH resulting bachelor degree and 120 ECTS (European Credit Transfer System) at KFRU as education for students in India resulting masters from Reutlingen University, Germany.

II. Collaborative Programs

1. Five and half Year Integrated Programme

The Five-Year and half year Integrated Bachelor and Masters Programme (hereinafter referred to as the "IIBMP") described by this agreement is limited to the fields of Computer Science as a Professional Software Engineering.

The IIBMP will be jointly conducted by School of Computer Science at Reutlingen University by KFRU and JNTUH College of Engineering, Jawaharlal Nehru Technological University Hyderabad, Hyderabad, India from 2025 academic year (September 2025) as per the following modalities.

1.1 Programme Structure: The duration of the IIBMP will be of 5 ½ years (160 Credits at JNTU H [out of this 120 credits will be done during 3 years in JNTUH , 40 credit equivalent considering courses and bachelor project will be performed at KFRU which will be accepted by JNTU H in order to issue the bachelor degree]/ 120 ECTS by KFRU) which includes education at JNTUH and at KFRU. The students admitted will undergo 3 years (Six semesters) of mandatory education at JNTUH further 1 year at KFRU with one study semester with ECTS and followed with Bachelor thesis, jointly supervised by JNTU H and co-supervised of Reutlingen, recognized and credits given by JNTU H and 1 ½ years (Three semesters, ~90 ECTS) of mandatory education at KFRU which includes master's thesis work at KFRU only.

1.2 Curricula/Syllabus: The curricula and syllabus of IIBMP is developed jointly by the KFRU, and JNTUH India and is based on courses offered by the respective institutions. (Refer Academic Regulations). JNTUH is responsible for the courses in the 1st, 2nd and 3rd years, KFRU is responsible for the courses of the two semester of the 4th year including bachelors accepted by JNTU, and next 1 ½ year (three semesters) at KFRU in Germany which includes master's thesis work.

1.3 Industrial Exposure and connect: The KFRU at Reutlingen University is having a unique quality of introduce several strong industrial and research partners who play a key role in the high quality of its study programs in the region of Reutlingen and Baden-Württemberg. Currently it is holding the partnerships with 60+ industries and research bodies which will be direct connect for internships, students jobs and further employment opportunities for the students in this program.

2. Master Program: 6 month + 18 months

The two-Year International Masters Programme (hereinafter referred to as the "IMP" PSE – Professional Software Engineering) described by this agreement is limited to the fields of Computer Science as a Professional Software Engineering.

The IMP will be jointly conducted by School of Computer Science at Reutlingen University by KFRU and JNTUH College of Engineering, Jawaharlal Nehru Technological University Hyderabad, Hyderabad, India from 2025 academic year (September 2025) as per the following modalities.

2.1 Programme Structure: The duration of the IMP will be of 2 years (90 ECTS) which includes education at JNTUH and at KFRU. The participants admitted will undergo Six months of education at JNTUH further 1 ½ year at KFRU which includes master's thesis work under the Joint supervision at KFRU only.

- 2.2 **Curricula/Syllabus:** The curricula and syllabus of IMP is given by the KFRU, and JNTUH India and is based on courses offered by the KFRU. (Refer Academic Regulations). JNTUH will be responsible for the courses in the 1st semester, KFRU is responsible for the courses of the two semester and master's thesis work.

The eligible qualification for seeking admission into IMP is B. Tech / B.E in computer science and engineering or allied branches.

- 2.3 The parties shall assure that the agreed curriculum is followed, and the examination quality is assured according to both JNTUH standards and KFRU standards.
- 2.4 The parties agree to allow the necessary changes required in the curricula/syllabus as per the joint consultation, whenever needed and it is possible cause of regulations.
- 2.5 **Industrial Exposure and connect:** The KFRU at Reutlingen University is having a unique quality of introduce several strong industrial and research partners who play a key role in the high quality of its study programs in the region of Reutlingen and Baden-Württemberg. Currently it is holding the partnerships with 60+ industries and research bodies which will be direct connect for internships, student's jobs and further employment opportunities for the students in this program.

3. Number of Seats & Tuition Fee

3.1 The intake at JNTUH for entire IIBMP and IMP will be Minimum 30 seats and Maximum of 60 for each program.

3.2 For Exchange programs: The amount of tuition fees for the courses taken by students participating in the present exchange programme within IIBMP and IMP (for JNTUH students), or within or outside IIBMP (for KFRU students), at the students' home institution are to be decided by each institution separately including courses of offerings and their timelines.

3.3 Fee structure:

- **IIBMP:**

- **During Bachelors:**

- 3 years at JNTUH - 2,50,000 per year, paid directly to JNTU H.
 - 1year at KFRU – 6,000 Euros, paid directly to KFRU.

- **During Masters:**

- 3 semesters in KFRU – 6000 Euro per semester, paid directly to KFRU.

- **IMP:**

- During one semester at JNTUH: 3000 Euro, paid directly to JNTU H.
 - During 3rd semester at KFRU: 6000 Euro per semester, paid directly to KFRU.

3.4 For other fees (like extended services, if any), payment charges will be agreed separately. In IIBMP: German Language course until B1 (A1, A2, B1) need to complete. B1 can be part of the mandatory and non-credit course or electives which need to complete during first 3 years stay at JNTUH.

3.5 The fee structure may be reviewed with regular interval of two academic years with effect from 2026– 2027 with minimum of 3% increase in tuition fee.

4. Admission Procedure

4.1 Admission to the programme shall be handled by JNTUH through an entrance examination or any selection method designed and conducted by JNTUH in association with KFRU for the entry into the programme at JNTUH. Admission and Registration to the courses taken at KFRU shall be handled by KFRU, similarly the admission to the Master study program by KFRU.

5. Admission Requirements

The Academic and Language requirements are described below:

5.1 Academic Requirements

i) Entry Requirement for study at JNTUH (for all specializations at UG level)

The students with Intermediate Education (10+2) or Equivalent in Mathematics, Physics and Chemistry Groups.

ii) Entry Requirement for study at KFRU

For IIBMP:

For students proceeding into KFRU should have successfully completed and earned all the credits up to 3rd years courses (CSE – Bachelors) at JNTUH and German language course until B1.

For IMP:

For students intending to pursue a master's degree at KFRU, a bachelor's engineering degree from JNTU Hyderabad or any equivalent university, with a minimum of 160 credits, is required for admission into the first semester of the IMP program at JNTU Hyderabad. One semester will be conducted at JNTU Hyderabad and will account for a minimum of 20 credits equivalent to 30 ECT. Further they will be continuing 3 semesters at KFRU equivalent to 90 ECTS leading to Master degree offered by KFRU.

a). Computer Science & Software Engineering Specialization

To join the Master-Programme a minimum of 55 ECTS in Computer Science is also necessary.

5.2 Language Requirements

For Entry into Education at KFRU:

For IBMP: 3 years bachelor courses of study in English and a German language can be a credit based preparatory course until B1.

For IMP: a completed bachelor's degree that was conducted in English

6. Examination, Forms of Assessment and Grading System

The performance of the candidate will be evaluated course-wise at both JNTUH & KFRU. Each course will have independent evaluation systems. The evaluation will be done as per their performance in Internal/End Theory examinations, Laboratory Examinations, Assignments, Project reports etc. The policy with regards to backlog subjects would be identical to the programs of JNTUH collaborated with other foreign universities.

7. Award of Degree

A student who has successfully completed the IIBMP and fulfils the requirements for the award of the degree shall receive UG (B. Tech) degree from JNTUH. For the Master programme the participant receives a separately degree from Reutlingen University) as Master of Science "Professional Software Engineering".

7.1 Specialization – IIBMP

- Bachelor of Technology in Computer Science and Engineering at JNTUH,
- Master of Science in Professional Software Engineering by Reutlingen University

7.2 Specialization – IMP

- Master of Science in Professional Software Engineering by Reutlingen University

8. Accommodation & Travel

Both the parties try to provide student accommodation for each other's students, if applications for student accommodation are submitted within set deadlines. All expenses for accommodation, living and travel must be borne by the individual students.

9. Operation of IIBMP

The parties agree to appoint a Program Director/Coordinator at each University for the entire operation of the IIBMP and IMP

10. Government Requirements

Students participating in this IIBMP and IMP will meet all the requirements of immigration policy of the host country.

11. Other Requirements

Student members participating in this IIBMP and IMP should be fully covered with their own Medical Insurance and liability insurance during the period of stay in Host University.

12. Force Majeure:

In the event of non-fulfilment of the terms and conditions of this MoU on account of Force Majeure such as War, Riots, and Natural Calamities etc., neither JNTUH nor KFRU shall be responsible for any loss/ Consequential losses.

13. Validity of the Agreement

13.1 This agreement is valid after the parties have signed it. The parties agree to evaluate the agreement and cooperation every 5 years, starting from 2025.

13.2 Either party may withdraw from this agreement by giving written notice before 31st December of any year, of its intention to withdraw with effect from 1st September of the next year. However, in case of withdrawal for any reason other than stated in 12.3, students admitted to and registered at the IIBMP shall not be affected of the withdrawal and shall be allowed to continue their education within the scope of the agreement. If a first master group does not come into being in September 2025, the two parties will discuss the continuation of the MOU

13.3 Should either of the parties fail to fulfil the present agreement, or in the case of any breach or violation of the agreement from any of the parties, the agreement ceases to be valid.

13.4 In cases where the terms and conditions of the present MoU and Laws and Regulations of the respective country differ, the Laws and Regulations of the respective country shall prevail.

13.5 Additional cooperation not covered by this agreement shall be handled in new agreements between the two parties.

13.6 This Agreement is signed in TWO copies.

13.7 The parties choose for purposes of this Agreement as their *communication and execution* the following addresses:

In Witness of the terms of this agreement our signatures are affixed:

Mr. Daniel Geigis
Chief Executive Officer (CEO)

The Knowledge Foundation
Reutlingen University,
Alteburgstraße 150, 72762 Reutlingen, Germany

Dr. K. Venkateswara Rao
Registrar

Jawaharlal Nehru Technological
University -Hyderabad
Kukatpally, Hyderabad - 500085.

19th June, 2025