

MEMORANDUM OF AGREEMENT

between

ASIAN INSTITUTE OF TECHNOLOGY, THAILAND

and

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA, INDIA

for

INTERNATIONAL INTEGRATED MASTER DEGREE PROGRAM (IIMDP)

This Memorandum of Agreement (MoA) is drawn up and agreed upon to establish the cooperation between the Asian Institute of Technology (hereinafter called as AIT), located at Km. 42 Paholyothin Highway, Klong Neung, Klong Luang, Pathum Thani 12120, Thailand and the Jawaharlal Nehru Technological University Kakinada (hereinafter called as JNTUK) located at Kakinada, Andhra Pradesh - 533 003, India (hereafter called as JNTUK) located at Kakinada, Andhra Pradesh,

The Asian Institute of Technology (AIT) is an international institute of higher learning. It is Asia's pioneer institution established in 1957 to meet the region's growing need for advanced learning in engineering, science, technology and management, research and capacity building. AIT's mission is to develop highly qualified and committed professionals who will play a leading role in the sustainable development of the region and its integration in the global economy. AIT is based in Thailand and has affiliated centers in other parts of the world.

The Jawaharlal Nehru Technological University Kakinada (JNTUK) is a University grew out of a College that was 'The College of Engineering, Vizagapatnam' as was named at the time of its establishment in 1946 by the then Government of the composite Madras State is situated in a sprawling campus of 110 acres filled with mango trees in a fast developing Port city of Kakinada on the east coast of peninsula India and situated in a zone which through generations, contributed significantly to the political literacy and cultural heritage of the country. The Research and Development activity in the College got a boost with the procurement of modern and sophisticated equipment under MHRD and AICTE schemes. Academically, the post graduate programmes introduced in 1972 in each of the available disciplines have undergone changes in course-structure and syllabi to meet the demands of the current needs. Almost all the laboratories have been modernized and obsolete equipment have been replaced under the Modernization and Removal of Obsolescence (MRO) scheme of all India Council for Technical Education (AICTE). The college has been admitted to the World Bank Aid through a programme called Technical Education Quality Improvement Programme (TEQIP). It is one of major campus of combined JNTU which has been accredited by the National Assessment and Accreditation Council (NAAC) of University Grants Commission (UGC) with 'A' Grade. The University named as JNTU Kakinada came into existence from 20th August 2008 with Prof. Alan ... as its first Vice Chancellor.

ARTICLE I: OBJECTIVE

The objective of this MoA is to offer a 'Five-year International Integrated Master's Degree Program (IIMDP)' by JNTUK and AIT.

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ARTICLE II: RATIONALE

- 2.1 This joint venture will promote JNTUK-AIT cooperation among Asian Students by paving a new dimension of collaboration through this unique International Integrated Master's Degree Program, in which the Bachelor and Master's degrees are integrated.
- 2.2 It will prepare a trained batch of future JNTUK-AIT researchers for quality research in dedicated fields. The program will focus on emerging areas to attract exclusive class of students.
- 2.3 This IIMDP will offer students quality education with accelerated graduation i.e. adding to Bachelor and Master's Degrees in condensed duration at lesser cost with an international exposure to many other available alternatives including individual degree programs in United States, Australia, Europe and Central Asia.

ARTICLE III: PROGRAM - Five-year IIMDP

- 3.1 The Civil Engineering undergraduate (UG) program (Table 1) with an intake capacity of 60 students in total is being offered at JNTUK for which the present 5 years IIMPD is being proposed. JNTUK may admit additionally 15% supernumerary seats for Non Resident Indians (NRIs) / Persons of Indian Origin (PIOs) and Foreign Nationals (FN).
- 3.2 Of the 60 students, 20 students per specialization / AIT Field of Study (Table 1) will be admitted to the 5 year integrated program.
- 3.3 If AIT offers over three specializations in Masters at AIT, JNTUK welcomes it. Additional fields may be thus offered with agreement of both institutions. All terms for IIMDP in additional fields will follow those in this MoA.
- 3.4 Admission will be based on UG Entrance Test conducted by JNTUK for Indian Students but students from other countries will be admitted as per JNTUK norms.
- 3.5 JNTUK will strive to send a minimum of 20 students per each of the specialization / Field of study at AIT to continue their masters study as mentioned in Table 1 after completing their period of study (3.5 years) at JNTUK, Kakinada.
- 3.6 The medium of instruction / teaching in this five-year integrated program will be English.
- 3.7 Second and Third year students in 2011 in JNTUK or its constituent and affiliated colleges can also join this program. The cost and fee structure can separately be decided by the steering committee of JNTUK and AIT for them.

Table 1: Areas of Study

#	Undergraduate field of study at JNTUK (B. Tech.) 2011 intake and onwards	Field of Study for Master of Engineering at AIT	Number of Students to be enrolled
1	Civil Engineering	Construction Engineering and Infrastructure Management (CEIM)	20 in each AIT field of study
2		Remote Sensing and Geographic Information Systems (RS&GIS)	
3		Environmental Engineering and Management (EEM)	

ARTICLE IV: STEERING COMMITTEE

- 4.1 A steering committee for the IIMDP with the participation of both institutions will be established to follow and monitor the operation of the program.
- 4.2 The steering committee will report their recommendations and decision to the head of respective institutions.

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ARTICLE V: OFFERING

- 5.1 This IIMDP will be spread over five years.
- 5.2 The bachelor degree will be awarded by JNTUK and the master's degree will be awarded by AIT, both only at the end of five years upon fulfillment of the requirements of each.
- 5.3 In this integrated program, students will spend first seven semesters (3.5 years) at JNTUK and the last three semesters (1.5 years) at AIT.
- 5.4 The bachelor part of the program and the master's program of the program overlap as follows: out of the total ten semesters of the program some of the master's courses will be offered during the summer break after the 6th semester, during the 7th and 8th semesters, and the summer break after the 8th semester as agreed by both parties and will be evaluated by AIT faculty members.
- 5.5 Students admitted to the integrated program will be advanced to the second phase at AIT based on their successful passing of all the courses (bachelor as well as master's) till the 7th semester at JNTUK.
- 5.6 Students of this integrated program will be eligible to compete for AIT tuition fellowships in the fifth year.
- 5.7 Areas of study identified for the international integrated master's degree program are given in Table 1.

ARTICLE VI: FEE – CHARGING

- 6.1 As an international program, the annual fees have been agreed as shown in Table 2 for this five year of IIMDP at JNTUK and AIT.

Table 2: Fee Charging

Year	JNTUK-AIT combined Fee* (in Indian Rupees)	AIT Share** (in Baht)
I	2,12,500	45,000
II	2,12,500	50,000
III	2,12,500	80,000
IV	2,12,500	100,000
V	2,12,500	150,000
Total	10,62,500	425,000
Exchange Rate as of 23 Feb 2011: 1 US \$ = 30 Baht = Rs 45		

* Total fees will be collected by JNTUK, Kakinada.

** JNTUK will transfer to AIT its shares in Thai Baht within the first month of each academic year.

- 6.2 The student will pay the fees directly to JNTUK and JNTUK will transfer the share of AIT directly to it within the first month of each academic year. Fees once paid by the student to JNTUK will not be refunded to the student in any case.
- 6.3 The AIT share of the fees only covers the cost of teaching and research supervision during the last 3 semesters of the program at AIT.
- 6.4 As per regulation of the Indian Government, a separate fee of USD 6,000 per year per student will be charged from NRIs, PIOs and Foreign nationals. JNTUK will collect this fee, and Irrespective of the category of the student admitted into the first year at JNTUK, AIT will charge the same i.e. 425,000 Bahts per student only.
- 6.5 The fees to be charged by AIT include only tuition and registration fees. Students will bear the costs of visa, accommodation, food, medical insurance, and other living expenses separately.
- 6.6 The above proposed fees may change if JNTUK and AIT revise their fee structures or if there are serious fluctuations in the currency exchange rates in the future.

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ARTICLE VII: JNTUK and AIT RESPONSIBILITIES

- 7.1 JNTUK and AIT will seek for quality education offering for this unique IIMDP.
- 7.2 The curriculum for IIMDP will be discussed and agreed by both the institutions.
- 7.3 All the decisions related to bachelor degree program (courses offered, technical and non-technical electives, credit load, number of projects, credit load per project and their scope, field visits, etc.) are fully decided by JNTUK in consultation with AIT and all the decisions related to Master's degree program are fully decided by AIT in consultation with JNTUK.

ARTICLE VIII: RESPONSIBILITIES OF AIT

- 8.1 AIT will appoint a representative at JNTUK to handle local issues related to the program on behalf of AIT.
- 8.2 AIT agrees to aggressively promote this unified program in the region through AIT partners so that a good number of students from Middle East Countries and Central Asian Countries could join IIMDP.
- 8.3 AIT will provide facilities of international standard to students during continuation of master's studies at AIT.
- 8.4 AIT will make arrangements for accommodating students coming from JNTUK through this IIMDP. AIT assures single room hostel accommodation on campus.
- 8.5 AIT will facilitate in arranging visas for all students admitted for studies at AIT.
- 8.6 AIT will assist JNTUK to promote this program in other Asian countries.
- 8.7 The cost of master's course delivery at AIT in the last three semesters will be borne by AIT.
- 8.8 AIT will provide office, accommodation (A/C room) and food required to 3-4 JNTUK faculty members visiting AIT for joint supervision of students, progress meetings, part-teaching and coordination as deemed necessary.

ARTICLE IX: RESPONSIBILITIES OF JNTUK

- 9.1 JNTUK will provide office, accommodation (A/C room) and food required to 3-4 AIT faculty members visiting JNTUK for joint supervision of students, progress meetings, part-teaching and coordination as deemed necessary.
- 9.2 JNTUK will provide modern classroom, laboratories and other facilities of international standard to the exclusive group of IIMDP students (LCD Projector, Air-conditioned Class Rooms) for UG teaching as well as for master's course delivery part at JNTUK.
- 9.3 Promotion and admission announcement of this program within India and neighboring countries will be handled by JNTUK.
- 9.4 For the delivery of all bachelor courses, the costs will be borne by JNTUK. Any course teaching by AIT faculty members in JNTUK will be additional costs to be borne by JNTUK unless an equivalent master's course teaching is done by JNTUK faculty members in AIT.

ARTICLE X: DURATION, TERMINATION, AND AMENDMENT

- 10.1 This MoA will be effective from the date of signing by both parties and will be valid for 10 years. It may be subject to extensions by mutual consent in writing.
- 10.2 Either party may terminate this MoA by giving six (6) months advance notice in writing.
- 10.3 The provisions of this MoA may be amended at any time, with mutual consent in writing. In particular both parties shall review the progress of the program every 3

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years and make necessary revisions in the MoA, if required, with mutual consent in writing.

- 10.4 The amendment, termination and expiration of this MoA will not affect the terms of activities ongoing at the time of notification of amendment, termination, and expiration unless otherwise agreed between the parties in writing.

ARTICLE XI: SPECIAL PROVISIONS

- 11.1 This MoA shall be governed and construed under the laws of the Kingdom of Thailand and Republic of India, as appropriate, depending upon where the activity under this MoA takes place.
- 11.2 The two institutions will consult with each other and attempt to resolve informally disputes or misunderstandings that arise in the administration of this MoA.
- 11.3 Each party will consult with and take approval of the other party to use the latter's name, the names of the latter's officials/faculty members, and the logos for the activities under this MoA, and dissemination of results, on a case-by-case basis.

ARTICLE XII: CONTACT PERSONS

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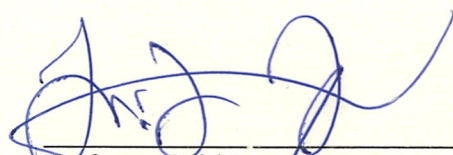
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This MoA is prepared in two identical copies. Each party holds one original copy duly signed by the President of AIT and the Vice Chancellor of JNTUK.

Signed for and on behalf of:

Asian Institute of Technology

**Jawaharlal Nehru Technological
University Kakinada**



Professor Said Irandoost
President

Date: 28/04/2011



Prof. (Dr.) Allam Appa Rao
Vice Chancellor

Date: _____