



Institiúid Teicneolaíochta Chorcaí  
Cork Institute of Technology

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR**

**(JNTUA )**

**ANANTAPUR, Andhra Pradesh, India**

**&**

**CORK INSTITUTE OF TECHNOLOGY**

**(CIT)**

**Cork, Ireland**

## **“ACADEMIC REGULATIONS”**

**for the Award of**

**B.Tech/ M.Sc / M.Tech. AWARD Integrated Masters (IMP) Programme in**

**(Under MoU with JNTUA & CIT)**

**(WITH EFFECT FROM THE ACADEMIC YEAR 2010-2011)**

B.Tech/M.Tech/M.Sc. (Three award INTEGRATED Masters Program(IMP) under MoU with Cork Institute of Technology (CIT), Cork, IRELAND & JNTUA) is a 5-year Self-financed Master Double Degree Programme, jointly conducted by the **“JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR(JNTUA), ANANTAPUR (India) & CORK INSTITUTE OF TECHNOLOGY(CIT), Cork (IRELAND).**

The 5 year Degree (B.Tech/M.Tech.) of the Jawaharlal Nehru Technological University ANANTAPUR, shall be conferred on those who are admitted to the Programme and fulfill all the requirements for the Award of the Degrees.

## 1. Eligibility for Admission:

Admission to the above program shall be made subject to the eligibility, qualifications and specialization prescribed by the JNTUA/CIT from time to time. Admissions shall be made either on the basis of the Merit Rank obtained by the **Qualifying Entrance Test** conducted by Jawaharlal Nehru Technological University Anantapur (JNTUA) or on the basis of any other order of merit approved by the JNTUA & Cork Institute of Technology, Cork, IRELAND from time to time. Students from all over India will be taken into programme. Students from Local (Rayalaseema Region) / Non-Local(A.P region) /Intra State(All States of India) / Intra country( All Countries of the World) will be given equal importance will be given equal preference on the basis of Entrance Examination Rank only. No reservations will be considered in any manner on any basis.

Special Consideration : 2 seats in every course : One seat in every Course can be filled by Vice-Chancellor of JNTUA & One Seat in every subject will be filled by Holy Trinity on behalf of President of CIT. But even these students should qualify the entrance examination conducted by JNTUA.

## 2. Course Work, Duration & Award Procedure:

2.1 **DURATION:** A candidate after securing admission must pursue the prescribed course of study for Eleven semester's duration (FIVE Academic Years).

### 2.2 SEMESTER & AWARD PROCEDURE

- a) **First & Second Semester's of YEAR-1, Third & Fourth Semester's of YEAR-2, Fifth & Sixth Semesters of YEAR-3, Seventh & Eighth Semesters of Year-4** shall be conducted at JNTUA campus & JNTUA will award B.Tech award after year-4 before they proceed to CIT, Cork, Ireland.
- b) Students before they proceed CIT will fulfill all terms and conditions mentioned in Notification. All English/Financial requirements to be completed by student as guided by Embassy of Ireland.
- c) **Ninth & Tenth Semesters of Year-5** will be conducted at Cork Institute of Technology, Cork, IRELAND (Cork Institute of Technology, Cork, IRELAND) for 60 ECTS, and **Final Eleventh Semester** project work & viva will conducted at JNTUA, ANANTAPUR for M.Tech award and after M.Tech award from JNTUA the credits of JNTUA Project (30 ECTS) will be carried/considered by CIT for its MSc award.
- d) After completion of Course work Semester-4(YEAR-4) and clearing all subjects & achieving the B.Tech award at JNTUA students should proceed to CIT i.e. Cork Institute of Technology, Cork, at IRELAND to pursue 9<sup>th</sup> and 10<sup>th</sup> Semesters Course and Lab work at CIT, which is a MSc Course at CIT for direct students.
- e) After successful completion of 9<sup>th</sup> & 10<sup>th</sup> Semesters and achieving 60 credits from Cork Institute of Technology, Cork, IRELAND, Students are eligible to complete 11<sup>th</sup> Semester Project work at

JNTUA. JNTUA by considering credits & Marks of CIT and after successful completion of project work at JNTUA in semester-11, JNTUA will award its M.Tech/M.Sc award.

- f) Until B.Tech students will follow the syllabus of JNTUA college of Engineering syllabus & all academic regulations are same as like JNTUA students.
- g) **PASS BY COMPENSATION AT CIT:** If student fails any of the modules with less of 5% of pass marks i.e. out of 100 Marks if any student scores 35 and above marks, then Module subject is considered as pass and credits will be added after completion of project work at JNTUA in semester-4 by submitting the marks memo of semester-4 of JNTUA to CIT.

**NOTE :** Before student enrolls in semester – 11 at JNTUA, Student need to pass all the Semester subjects of Cork Institute of Technology, Cork, IRELAND. After 3<sup>rd</sup> semester at CIT, student need to submit Marks Memos of Cork Institute of Technology, Cork, IRELAND to JNTUA and enroll for semester-4.

After successful completion of semester-11 i.e. Project & viva in JNTUA, Student will be awarded M.Tech Degree from JNTUA and student will be awarded 30 Credits for semester-11 & these 30 credits will be transferred to CIT for CIT –MSc award.

**DURATION OF SEMESTER :**Each semester duration at JNTUA shall be of 22 weeks, including examinations.

- 2.3 **TIME LIMIT FOR COMPLETION OF COURSE :** A candidate admitted to a program should complete it within a period equal to twice the prescribed duration of the program from the date of admission his admission, shall forfeit his seat in the above course. & Students who were unable to goto CIT,Cork, Ireland then the Tuition fee will be varied according to the current status.
- 2.4 **ATTENDANCE :** A candidate shall be deemed to have secured the credits assigned to a subject if he has put up at least 65% of attendance; and secured the minimum academic requirements in the subject.
- 2.5 **AWARD QUALIFICATION :**In order to qualify for B.Tech/M.Tech & MSc. awards, the candidate shall successfully complete all his Theory/Lab. Subjects, Seminar, Project Work/Thesis/Dissertation etc. and earn all the prescribed credits at JNTUA and Cork Institute of Technology, as per the course structure specified.

### **3. Evaluation of JNTUA & CIT (Marks & Percentage ):**

- (i) Theory & Practical lab Subjects both including will be evaluated as 100 marks per subject at CIT.
- (ii) At JNTUA Theory subjects are evaluated for 100 marks i.e. the distribution shall be 40 marks for Internal Evaluation and 60 marks for the End-Examination.

For the award of the 40 Internal (sessional) marks for theory subjects, there shall be 2 internal examinations during the Semester, one at the middle of the Semester and the other immediately after the completion of instructions; each of which shall be evaluated for 40 marks, and the better one out of these two internals shall be considered for awarding the sessional marks.

- (iii) For Practical/Laboratory subjects, there shall be a continuous evaluation during the Semester. The End Examination shall be conducted by the teacher concerned and another faculty member of the same Department, as suggested by the Head of Department.

### **Transfer of Credits**

1. B.Tech credits of JNTUA will be considered minimum entry requirement by Cork Institute of Technology, Cork, IRELAND and these credits will not be transferred for M.Sc. award to Cork Institute of Technology, Cork, IRELAND. & CIT will ONLY consider for JNTUA 30 Credits of Project work of M.Tech for CIT's M.Sc award.
2. JNTUA, will ONLY CONSIDER 60 ECTS Credits of CIT for JNTUA M.Tech award Total Marks of Semester-9 & 10 of Cork Institute of Technology, & Semester-11 Student project & Viva work at will be calculated.
3. After successful completion Semester-4 at JNTUA students will be applying M.Sc award at CIT. CIT will consider 30 credits of JNTUA for M.Sc award.
4. Cork Institute of Technology, Cork, IRELAND is awarding the individual subjects Marks in the Memos, for 2<sup>nd</sup> and 3<sup>rd</sup> Semesters, So JNTUA will considering individual marks of the subjects, adding all the marks of semester-1 of JNTUA, 2<sup>nd</sup> & 3<sup>rd</sup> Semester of CIT along with semester-4 at JNTUA and calculate overall percentage for its M.Tech/M.Sc award. Maximum Marks awarded by Cork Institute of Technology, Cork, IRELAND for each subject is "100" i.e. including Theory and practical subjects.

### **Procedure for Semester-4 i.e. Project work at JNTUA:**

For semester-4, the initiation of the project ( i.e. Project Proposal ) is done at CIT and the completion of project is done at JNTUA.

- (i) The student shall be allowed to submit the PG Project Work/ Dissertation, only on the successful completion of all the prescribed PG Subjects (Theory and Laboratory) and Seminars at Semester-4 at

JNTUA. Once the student's Dissertation is approved by the PRC, the Dissertation will be sent to an External Examiner nominated by the Principal/Director of the College/School, on whose approval, the student shall appear for the PG Project Viva Examination.

**4. Grading Procedure Project VIVA:**

- i. Marks will be awarded to indicate the performance of each student, in each Theory Subject or Practical Subject and a proportional letter grade shall be given for the project viva.
- ii. As a measure of the student's performance, a Grading System using the following letter grades and corresponding percentage of marks shall be followed:

**5. Award of Degree or Class: M.Tech / M.Sc. at JNTUA**

- (1) After a student satisfies all the requirements prescribed for the completion of the M.Tech. Degree and becomes eligible for the award of the Degree, he shall be placed in one of the following four classes:

<b>% OF MARKS SECURED AT JNTUA</b>	<b>LETTER GRADE</b>
Less than or equal to 100% but not less than 70%	Distinction
Below 70% but not less than 60%	First Class
Below 60% but not less than 50%	Second Class
Below 50%	Fail
<b>% OF MARKS SECURED AT CIT, CORK, IRELAND</b>	<b>LETTER GRADE</b>
Atleast 70% & above	First Class Honours
Atleast 60% to 69%	Second Class Honours
Atleast 40% to 59%	Pass

**# NOTE:** If any unspecified symbol/character is given by Cork Institute of Technology, Cork, IRELAND, and grade for any subject, the corresponding rectification for the appropriate specified grade shall be obtained from Cork Institute of Technology, Cork, IRELAND, and the corresponding percentage marks will be awarded at JNTUA, after the necessary certification/approval from the Course Coordinator/HoD at JNTUA.

**5.1 Total Number of subjects & Marks**

S.NO	NAME OF THE SUBJECT	MAXIMUM MARKS	NUMBER OF CREDITS	UNIVERSITY OFFERING THE SUBJECT
<b>SEMESTER -1 at JNTUA</b>				
1.		60-End Exam	JNTUA	

		40-Internal Marks	4 Credits	JNTUA
2.		60-End Exam	JNTUA	
		40-Internal Marks	4 Credits	JNTUA
3.		60-End Exam	JNTUA	
		40-Internal Marks	4 Credits	JNTUA
4.		60-End Exam	JNTUA	
		40-Internal Marks	4 Credits	JNTUA
5.		60-End Exam	JNTUA	
		40-Internal Marks	2 Credits	JNTUA
6.		60-End Exam	JNTUA	
		40-Internal Marks	2 Credits	JNTUA
<b>TOTAL NUMBER OF CREDITS</b> – These 20 Credits will not be transferred to CIT. These credits will be considered only for JNTUA, M.Tech/M.Sc award.			20 Credits	
<b>SEMESTER -2 at CIT</b>				
1.		100 Marks	Ects: 10	CIT
2.		100 Marks	Ects: 10	CIT
3.		100 Marks	Ects: 5	CIT
4.		100 Marks	Ects: 5	CIT
<b>Total Number of Credits at CIT is 30 Credits. And these credits will be transferred to JNTUA for M.Tech/M.Sc award.</b>				
<b>SEMESTER - 3 at CIT</b>				
1.		100 Marks	Ects: 10	CIT
2.		100 Marks	Ects: 10	CIT
3.		100 Marks	Ects: 5	CIT
4.		100 Marks	Ects: 5	CIT
<b>Total Number of Credits at CIT is 30 Credits. And these credits will be transferred to JNTUA for M.Tech/M.Sc award.</b>				
<b>** ECTS: European Credit Transfer System.</b>				
<b>SEMESTER - 4 at JNTUA</b>				
1.		100 Marks	Ects equivalency from JNTUA 30 Credits	JNTUA
<b>After successful completion of Semester - 4 at JNTUA, JNTUA will award M.Tech/M.Sc award.</b>				
<b>Total Number of Credits at JNTUA is 30 Credits and these credits will be transferred to CIT for M.Sc award</b>				
<b>** Percentage of Marks for JNTUA will be considered by adding all 14 Subjects (Practical and Theory) Marks along with Project Marks ( From Semester-1 to Semester-4 ) &amp; Overall Grading will be awarded as above.</b>				
<b>** Percentage of Marks for CIT will be considered by adding all 8 Subjects (Practical and Theory) Marks along with Project Marks ( From Semester-2 to Semester-4 ) &amp; Overall Grading will be awarded as above.</b>				

**\*\* PASS BY COMPENSATION FOR CIT MARKS & CREDITS :** Compensation to pass a stage shall be applied only to Module Results being presented to the current sitting of the PAB. The volume of the credit that may be compensated at a sitting is given in the following table.

Amount of credit presented at this sitting	Maximum amount of credit eligible for compensation
60	20
45,50 or 55	15
30,35 or 40	10
15,20 or 25	5
5 or 10	0

A candidate shall be entitled to pass a stage by compensation provided:

- No failed mark is more than 5% below the pass mark
- The surplus of the marks in the passed modules being presented in the current sitting is atleast double the deficiency in the failed modules. The surplus is to be weighted by the credit value of the module.

A candidate who avails of compensation as described above will be awarded the credits for the modules being presented to the PAB.

Availing of compensation to pass a stage has no implication for the classification awarded.

**EXAMPLE EXPLANATION :** If student fails any subject in a sitting, then compensation is provided. i.e. from any subject if students fails with less than 5% of pass mark, then student is allowed to transfer some of the marks from the subject that he/she been passed.

This compensation will be provided after completion of project at semester-4 in JNTUA and forward the semester-4 JNTUA marks memo to CIT, then compensation will be adjusted for the failed module & required credits will be added to the failed module.

**6. Transfer of Credits Policy between JNTUA and Cork Institute of Technology, Cork, IRELAND, Cork:**

- JNTUA offers **20 credits** for First semester for this joint M.Tech/M.Sc. Double Degree program, **which will not be transferred to Cork Institute of Technology, Cork, IRELAND.**
- The **60 credits of second and third semesters at Cork Institute of Technology, Cork, IRELAND** are transferred to JNTUA.
- JNTUA offers **30 credits** for IV semester Project Work/Dissertation viva (for M.Tech Degree), which will be transferred to Cork Institute of Technology, Cork, IRELAND for M Sc. Degree or for any other purposes.

**7. Withholding of Results:**

If the student has not paid dues to University/College, or if any case of indiscipline is pending against him/her, the result of the candidate may be withheld and he/she will not be allowed to go into the next higher Semester. The Award of the Degree may also be withheld in such cases.

## **8. Transitory Regulations:**

Students who have discontinued or have been detained for want of attendance, or who have failed after having undergone the Degree Programme, may be considered eligible for readmission to the same or equivalent/substitute subjects as and when they are offered, subject to condition 2.4.

## **9. Alternative One-year PG Diploma option:**

9.1 The candidates after completion of B.Tech at JNTUA, ANANTAPUR, need to proceed to Cork Institute of Technology, Cork, IRELAND for continuing the Course. In case of candidates, who are unable to proceed to Cork Institute of Technology, Cork, IRELAND with genuine reasons(Visa Refusal), may be permitted to opt for M.Tech Programme in the concerned specialization at JNTUA, ANANTAPUR.

9.4. There shall be no refund of fee, in case if the candidate discontinues the Course.

## **10. Fee Structure for initial 2 academic years**

- 10.1 JNTUA will charge its Fee of Rs-\_\_\_\_\_/ - for B.Tech & M.Tech Project semester
- 10.2 Cork Institute of Technology will charge Euro \_\_\_\_\_ as its Tuition Fee for Masters Semesters without any installments along with B.Tech fee from installment wise from Year-1

## **11. General:**

- The Academic Regulations shall be read as a whole for the purpose of any interpretation.
- The University/College reserves the right of altering the Academic Regulations and/or Syllabus/Course Structure, as and when necessary. The modifications or amendments may be applicable to all the candidates on rolls, as specified by the University/College without any information.
- Wherever the words 'he' or 'him' or 'his' occur in the above regulations, they will also include 'she' or 'her' or 'hers'.
- Wherever the word 'Subject' occurs in the above regulations, it implies the 'Theory Subject' and 'Practical Subject' or 'Lab.'
- In case of any ambiguity or doubt in the interpretations of the above regulations, the decision of the Vice-Chancellor will be final.

## **12. GOVERNING LAW**

This Partnership Agreement and all ancillary documents to which it relates shall be subject to the laws of India & Ireland and the parties agree to submit to the exclusive jurisdiction of the Indian courts for Subject modules of JNTUA & at Irish Courts for Subject modules of Ireland.





Institiúid Teicneolaíochta Chorcaí  
Cork Institute of Technology

## MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (MOU) is entered into  
on \_\_\_\_ day of June of the year 2015 .

### BETWEEN

Jawaharlal Nehru Technology University Anantapur,  
Anantapur, Andhra Pradesh, India.

### AND

Cork Institute of Technology (CIT), Cork, Ireland.

### AND

Holy Trinity Educational Services, India.

(HOLY TRINITY Career Consultants Pvt Ltd, INDIA)

WHEREAS all Parties are willing to cooperate in the promotion of teaching.

Research and professional activities, to enhance the professional opportunities  
their faculty and staff and the educational opportunities for their students and  
desire to enter into a Memorandum of Understanding for that purpose.

## **NOW IT AGREED BY AND BETWEEN THE PARTIES AS UNDER:**

### **1.scope of cooperation:**

1.1. The activities to be carried out under this cooperation shall include –

- Exchange of students (UG and PG),
- Exchange of faculty,
- Development of joint programmes of study (IDP,UG and PG),
- Joint research projects,
- Exchange of publications ,reports and others academic information,
- Collaborative professional development and
- Other activities mutually agreed.

1.2 This academic cooperation will cover all declines offered at the two Universities.

1.3 Specific details of each activity to be carried out under this MOU shall be set forth in a Supplemental letter of this MOU which upon signing by the represents of all 3 parties shall become an integral part of this MOU . Specific areas in which JNTUA and CIT will engage exclusively in the region of Andhra Pradesh and Ireland are as follows in the offered by both institutions.

1.3.1 Engineering, Science and Technology : In additional areas in which both institutions are actives they will offer each other first preference in relation to establishing new programmes and other relevant interties.

1.4. "Holy Trinity" is the official coordinating origination in the process of implementation of this MOU, as identified by CIT & JNTUA.

### **2. COORDINATION COMITTEE:**

2.1 There will be Co-ordination Committee for effectives execution the activates to be carried out under this MOU and for reviewing their progress. The composition of this committee will be follows.

- a) One Coordinator nominated by the Vice-Chancellor / Registrar of JNTUA.
- b) One Coordinators nominated by the president of Cork Institute of Technology
- c) One Member nominated by the Vice-Chancellor/Registrar of JNTUA

- d) One Member nominated by the president of Cork Institute of Technology
- e) One Member coordinator nominated by Holy Trinity, the coordinating organisation.

2.2. The progress of the activities to be carried out under this MOU will be reviewed yearly by the Coordination committee and the same shall be reported by the Committee to the Vice-Chancellor/Registrar of JNTUA, Head of Holy Trinity and to the president of cork institute of Technology.

**3. FININCIAL ARRANGEMENTS:**

3.1. The activities to be carried out under this MOU shall be subjected to the availability of funds. Neither of the parties is obliged to finance any activity out of its own budget funds. Unless special funds are secured for that purpose. Both parties will do their best to find national and international funding possibilities for joint activities.

3.2. The revenue generated as a consequence of implementation of this agreement will be shared by the first meeting of the Coordination Committee.

**4. EFFECTIVE DATE AND DURATION OF THE MOU:**

This MOU shall be effectives from the date it is signed by the parties hereto. The duration of the MOU will be initially for a period of five years from the academic 2015-2016. Unless or otherwise terminated earlier as per Clause 6.

**5. AMEDMENT TO MOU :**

No amendment to this MOU shall be valid unless the same is made in writing jointly by the parties hereto or authorised representation and specifically stating the same to be amendment to this MOU.

**6. TERMINATION OF MOU:**

6.1 This MOU can be terminated by any party giving the other party a prior written notice of not less than 90 days of its intention to do so. But the students who were been already joined for the Programmes will not get affected. But no new Batches will be taken.

6.2 This MOU shall also stand terminated for any reason such as legal process.  
Acts of the state or similar such exigencies beyond the nominal control of the party concerned and which disabled any of the parties hector from functioning future

IN WITNESS WHERE OF both the parties hereto have hereunto set their hands the date and year hereinabove mentioned.

For and on behalf of witness:

Jawaharlal Nehru Technology University Anantapur:

Vice Chancellor

**Jawaharlal Nehru Technology University Hyderabad**

And

For and on behalf of  
**Cork institute of Technology**

President  
Cork institute of Technology

And

For and on behalf of  
Holy Trinity Career Consultants Pvt Ltd.

Managing Director  
Holy Trinity Career Consultants Pvt Ltd.