



**AGREEMENT OF ACADEMIC COOPERATION  
BETWEEN**

**ECOLE CENTRALE DE NANTES IN FRANCE  
AND**

**ANNA UNIVERSITY, CHENNAI, IN INDIA**

**DOUBLE DEGREE AGREEMENT OF ACADEMIC  
COOPERATION**

**Preamble**

In furtherance of mutual interest in the fields of education and research,  
Ecole Centrale de Nantes represented by the Director, **Prof. Dr. PATRICK CHEDMAIL**  
and  
Anna University represented by the Vice Chancellor, **Prof. Dr. P. MANNAR JAWAHAR**

undertake to implement a student exchange program to obtain simultaneously the Ecole Centrale of Nantes Engineering *Master Degree (Ingénieur de l'Ecole Centrale de Nantes)* and the *Master of Engineering /Technology degree* from Anna University, in accordance with the following conditions:

**Article 1 – Organization of academic programs**

This double degree program is part of the academic programs as established:

*A – by Ecole Centrale of Nantes:*

*After obtaining the Baccalauréat Diploma (after twelve years of school education with sciences) and completion of*

Year 1: Scientific studies (foundation year 1)

Year 2: Scientific studies (foundation year 2)

the students are admitted to Ecole Centrale of Nantes for the engineering program through nationally organized competitive examination and will complete the courses as follows.

Year 3: Core curriculum in engineering at Ecole Centrale of Nantes including one to two months in-company work placement.

Year 4: Core curriculum in engineering at Ecole Centrale of Nantes; including 3 to 4 months in company work placement. The field of specialization is chosen.

Year 5: Specialization curriculum Final dissertation carried out during the work placement in company or research laboratory (4 to 7 months).

Successful candidates will be awarded Engineering Master Degree:  
*Ingénieur de l'Ecole Centrale de Nantes*

### *B – by Anna University*

Admission to Anna University in engineering education is given based on the successful completion of twelve years of school education with good grades in maths, physics and chemistry with or without entrance examination as per the admission procedure of Anna University.

Students are to attend courses offered on semester basis on campus for four years in order to receive the Bachelor degree in Engineering / technology in the respective fields of specialization

Year 1: Core curriculum in sciences / technology and engineering

Year 2: Core curriculum in sciences / technology and engineering

Year 3: Courses of specialization in engineering and technology.

Year 4: Courses of specialization in engineering and technology including the final dissertation carried out in company or research laboratory

Successful candidates will be awarded Bachelors' degree in Engineering / technology by Anna University

Admission to *Master of Engineering/Technology/Science* program is done through entrance examination

Year 5 and 6 (Master year 1 and Master year 2) Comprise courses of specialization and laboratory research work including the final dissertation

Successful candidates will be awarded the *Master degree in Engineering / Technology / Science*

### **Article 2 - Organization of the Double Degree program**

A – Students of the Ecole Centrale will conform to the following course outline for the double degree program

The student will be selected during the year 4 at Ecole Centrale for the Double Degree program to start the *Master of Engineering / Technology / Science* degree program at Anna University for a period of two years. The students are exempted from taking the entrance examination, if any, for admission to master degree program.

The students must complete the four years (2 years Scientific study and 2 years core engineering) before starting the master program at Anna University

Master 1: Courses of specialization in engineering and technology.

Master 2: Courses of specialization in engineering and technology including the final dissertation carried out in company or research laboratory

The successful candidates will be awarded the *Master degree in Engineering / Technology / Science* by Anna University and the Master degree "*Ingénieur de l'Ecole Centrale de Nantes*" by Ecole Centrale of Nantes.

B –Students of Anna University will follow the following course outline:

The student will be selected during the second year of study in Anna University for the Double Degree program at Ecole Centrale of Nantes. The period of study for the accepted student will be two years to study the core curriculum of engineering (year 3 and 4 of engineering program). The students must successfully complete the 2 years in Nantes. They will be awarded a Diploma at the end of the fourth year.

The students can continue the Masters' Degree at Anna University. They are exempted from taking the entrance examination, if any, for admission to master degree program at Anna University.

Master 1: Courses of specialization in engineering and technology.

Master 2: Courses of specialization in engineering and technology including the final dissertation carried out in company or research laboratory

The successful candidates will be awarded the *Master degree in Engineering / Technology / Science* by Anna University and the Master degree "*Ingénieur de l'Ecole Centrale de Nantes*" by Ecole Centrale of Nantes.

### **Article 3 –University fees**

Candidates of the double degree program are liable for the full tuition fees due to their home institution. They are exempted from the tuition fees of their host institution.

### **Article 4 –Welcome to exchange students from Anna University by Ecole Centrale of Nantes**

Students from Anna University, having successfully passed every examination of their first two years of study, may continue their study program in the first two years of the core engineering curriculum of Ecole Centrale de Nantes. These 2 years are not dissociated and will be validated as equivalent to the 3<sup>rd</sup> and 4<sup>th</sup> years of study of Anna University, upon condition that all examinations of the 2 years of study have been successfully passed. They will be awarded a Diploma by Ecole Centrale of Nantes. Students must pursue their studies at their home university, in accordance with the program of study established for them by the School of their field of specialization, leading to obtain *Master of Engineering / Technology / Science* of Anna University. Once they have obtained this degree, students will be awarded simultaneously the Ecole Centrale of Nantes Engineer Degree (*Ingénieur de l'Ecole Centrale de Nantes*).

Unless otherwise exempted, the students of Anna University will be expected to take French language courses, including an intensive course of at least 2 months, before the beginning of the academic year, as well as 5 to 6 hours of lessons weekly during the first year of core curriculum.

All accepted students will be registered in accordance with regulations: The total number of students and their study programs will be defined each year. Ecole Centrale of Nantes undertakes to do its utmost to help the students of Anna University. The latter are in particular admitted to lectures, practical studies, laboratory placements, seminars and congresses as necessary in respect of their academic intentions and levels. For students of Anna University registered accordingly, Ecole Centrale will waive tuition fees, provide priority in University accommodation and authorize luncheon tickets at normal subsidized student rates.

These students are entitled to enjoy the same rights and conditions of fully registered students of the Ecole Centrale.



## **Article 5 - Welcome to visiting students from Ecole Centrale Nantes by Anna University**

The selected students of Ecole Centrale Nantes having successfully completed the first two years of study of core curriculum, may continue their studies in the first year of Master degree program in accordance with the study program established by Anna University leading to obtain *Master of Engineering / Technology / Science* degree in their field of specialization.

All accepted students of Ecole Centrale of Nantes are expected to have completed 800 points of TOEIC (Test of English for International Communication) before the beginning of the Master Degree program in Anna University.

The students of Ecole Centrale are held in respect of the same obligations as the other students of their host group. Courses are chosen in the context of the study program of the *Master of Engineering / Technology / Science* of their field of specialization. Anna University undertakes to do its utmost to help the students of Ecole Centrale de Nantes. The latter are in particular admitted to all lectures, practical studies, laboratory placements, seminars and congresses as necessary in respect of their academic intentions and levels.

For students of Ecole Centrale *Nantes* registered accordingly, Anna University will waive tuition fees, provide priority accommodation in student residence and authorize access to university restaurant facilities according to the same conditions as other students of the University.

## **Article 6 –Information exchange**

For each student of the double degree program, the designated tutor from both institutions will communicate to the coordinating professor / office to provide all marks / transcript / evaluation obtained by the student as soon as these are made available.

The end of study project submitted for the award of *Master of Engineering / Technology / Science* will, in order to facilitate communication, be written in English. As far as possible, a professor from Ecole Centrale of Nantes will be invited to attend the thesis examination of the final study project of the double degree candidate.

Each year, Ecole Centrale of Nantes and Anna University will mutually communicate all documents concerning the lectures, seminars, research programs and any other activities related to the exchange.

Each year, before August 30<sup>th</sup>, the administrations of each institution, through the office of international relations, will decide the maximum number of students participating in the exchange for the following academic year.

## **Article 7 -Obligations of participating students**

Throughout their stay at their host institution, students will comply with all the internal rules and regulations of the institution as well as with all legal and social obligations of the host country.

### Article 8 -Relations between Parties

Regular relations will be ensured by the Director of the international Relations of the two institutions. There is no financial commitment in the part of the two institutions except the waiver of tuition fees to the students of double degree program.

However, both Parties will take whatever action is necessary in respect of national authorities and before industrial groups so as to obtain all funds and financing possible for the program.

This Agreement has been signed in 2 originals, of which each institution has taken one.

### ARTICLE 4: Legal Effect

This MoU is not intended to impose any legal obligation whatsoever on either parties, but not limited to an obligation to bargain in good faith. The parties do not intend to be bound by any agreement until both agree to and sign a definitive written contract. Neither party can rely on any promises inconsistent to this paragraph. This paragraph supersedes all other conflicting terms.

For and on behalf of  
Ecole Centrale of Nantes, France

For and on behalf of  
Anna University, Chennai, India

Prof. Dr. Patrick CHEDMAIL  
Director



Prof. Dr. P. Mannar Jawahar  
Vice Chancellor



Prof. Dr. Fouad BENNIS  
Director of International Relation



Prof. Dr. S. Shanmugavel  
Registrar



Prof. Dr. K. Baskar  
Director, Centre for International Affairs



Date: \_\_\_\_\_



Date: \_\_\_\_\_