

**AGREEMENT OF ACADEMIC COOPERATION**  
**DOUBLE DEGREE AGREEMENT OF ACADEMIC**  
**COOPERATION**

**BETWEEN**

**ANNA UNIVERSITY, CHENNAI, IN INDIA**

**AND**

**THE GROUP DES ECOLES CENTRALES**

ECOLE CENTRALE DE LILLE,  
ECOLE CENTRALE DE LYON,  
ECOLE CENTRALE DE MARSEILLE,  
ECOLE CENTRALE DE NANTES,  
ECOLE CENTRALE PARIS  
**(FRANCE)**

**Preamble**

In furtherance of mutual interest in the fields of education and research,

École Centrale de Lille represented by its Director Prof. Etienne Craye,

École Centrale de Lyon, represented by its Director Prof. Patrick Bourgin,

École Centrale de Marseille, represented by its Director Prof. Frédéric Fotiadu,

École Centrale de Nantes, represented by its Director Prof. Patrcik Chedmail

École Centrale Paris, represented by its Director Prof Hervé Biauxser,

and

Anna University represented by the Vice Chancellor, **Prof. Dr. P. MANNAAR JAWAHAR**

undertake to implement a student exchange program to obtain simultaneously the Ecole Centrale Engineering *Master Degree "Ingénieur de l'Ecole Centrale de Lille or Lyon or Marseille or Nantes or Paris" (hosting ecole)* 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 the Group of Ecoles Centrales :*

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 the Ecoles Centrales 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 including one to two months in-company work placement.

Year 4: Core curriculum in engineering at Ecole Centrale; including 3 to 4 month 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 Lille or Lyon or Marseille or Nantes or Paris*" (*hosting ecole*).

*B – by Anna University*

Admission to Anna University in engineering education after 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 Bachelor's degree in Engineering / technology by Anna University

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

Year 5 and 6 (Master year 1 and Master year 2) 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 Group 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 to write the entrance examination if any for admission to master degree program.

The students must complete the four years (2 years Scientifics study and 2 years core engineering) before stating 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 Lille or Lyon or Marseille or Nantes or Paris*" (*hosting ecole*).

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 Group of Ecoles Centrales. 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 the hosting Ecole Centrale before stating the master program at Anna University. The students are exempted to write 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: Lille or Lyon or Marseille or Nantes or Paris*" (*hosting ecole*).

### **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 of exchange students from Anna University by Ecoles**

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 the hosting Ecole Centrale. 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. 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 "*Ingénieur de l'Ecole Centrale de Lille or Lyon or Marseille or Nantes or Paris*" (hosting ecole)..

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 are registered in accordance with regulations: the total number of student and their study programs are defined each year. The Group of Ecoles Centrales 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 university accommodation and authorize luncheon tickets at normal subsidized student rates.

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

### **Article 5 -Welcome of visiting students from the Group of Ecole Centrale by Anna University**

The selected students of Ecoles Centrales 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 the Group of Ecole Centrale 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 Group 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 the Group of Ecole Centrale. 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 the Group of Ecole Centrale 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 the Group of Ecoles Centrales will be invited to attend the thesis examination of the final study project of the double degree candidate.

Each year, the Group of Ecoles Centrales 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.

#### **Article 9 - Legal Effect**

This Memorandum of Understanding 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 and sign a definitive written contract. Neither party can rely on any promises inconsistent to this paragraph. This paragraph supersedes all other conflicting terms.

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

**Anna University, India**



Prof. Dr P. MANNAAR JAWAHAR  
Vice Chancellor

Date: 10/08/2011



Prof. Dr. Sethu Shanmughavel  
Registrar



Prof. Krishnan Baskar  
Director, Center for International affairs

**Ecole Centrale de Lille**




Prof. Etienne Craye  
The Director

Date: 17/10/2011



Prof. Zoubeir LAFHAJ  
Director of International Relations

**Ecole Centrale de Lyon**



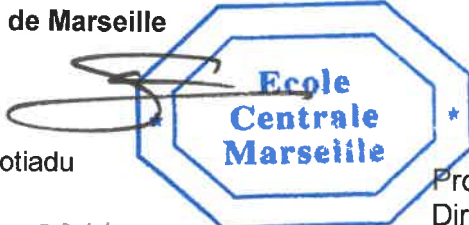
Prof. Patrick Bourgin  
The Director

Date: 22/09/2011



Prof. Pierre DREUX  
Director of International Relations

**Ecole Centrale de Marseille**



Prof. Frédéric Fotiadu  
The Director

Date: 12/10/2011



Prof. Olivier BOIRON  
Director of International Relations

**Ecole Centrale de Nantes**



Prof. Patrick Chedmail  
The Director

Date: 10/08/2011



Prof. Fouad BENNIS  
Director for International Relations

Ecole Centrale Paris



Prof. Hervé Biais  
The Director

Date: 12/09/2011



Christopher CRIPPS  
Director for International Relations