



LEARN

today

WORK

tomorrow



# ITS Mechatronic Foundation of Lazio

## ABOUT US

- The Mechatronic Technical Institute of Lazio is recognized by the Ministry of Education, University and Research (MIUR) as:

**« Non-university tertiary training that responds to the needs of companies requiring new and high levels of technical and technological skills»**

# 2019: THE I.T.S. MECHATRONIC FOUNDATION OF LAZIO IS FOUNDED

First course started October 2019:  
HIGHER EDUCATION TECHNICAL DIPLOMA FOR THE INNOVATION OF  
MECHANICAL PROCESSES AND PRODUCTS

# THE COURSES

- The courses are achieved in collaboration with:  
*businesses, universities, schools, research centres* and **local authorities** to develop new skills in technological areas.

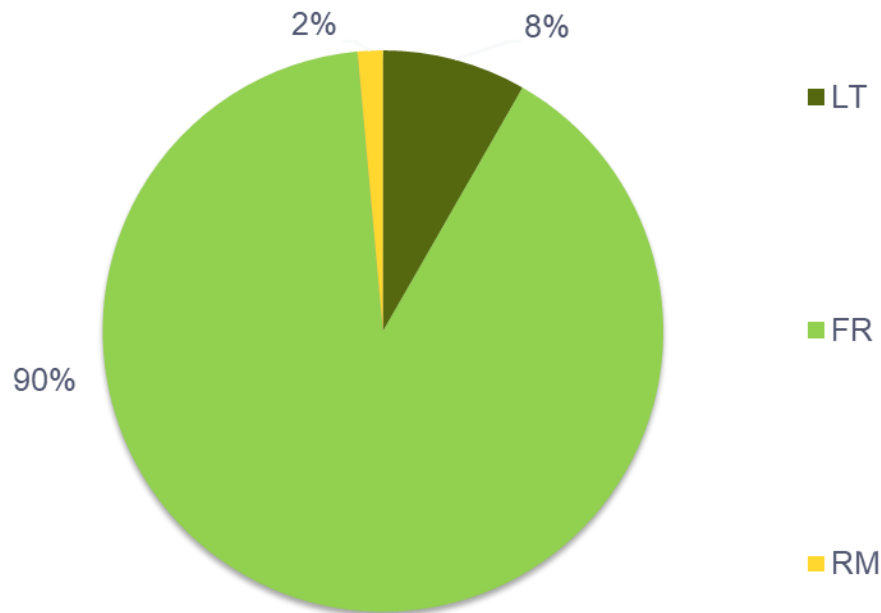


# CURRENT COURSES

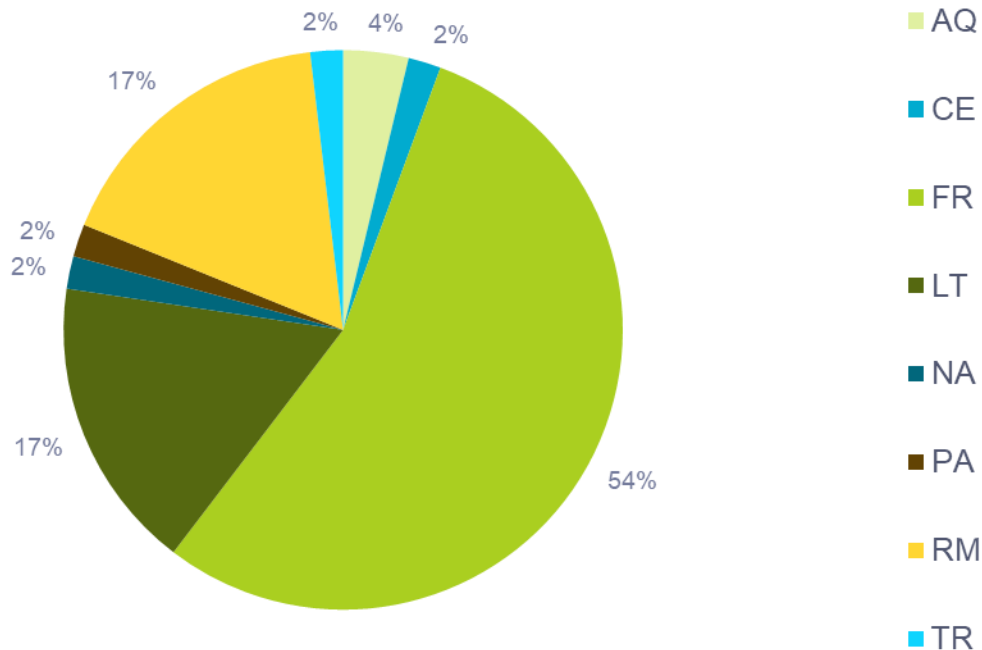
HIGHER EDUCATION  
TECHNICAL DIPLOMA  
FOR THE INNOVATION  
OF MECHANICAL  
PROCESSES AND  
PRODUCTS

HIGHER EDUCATION  
TECHNICAL DIPLOMA  
FOR AUTOMATION  
AND MECHATRONIC  
SYSTEMS

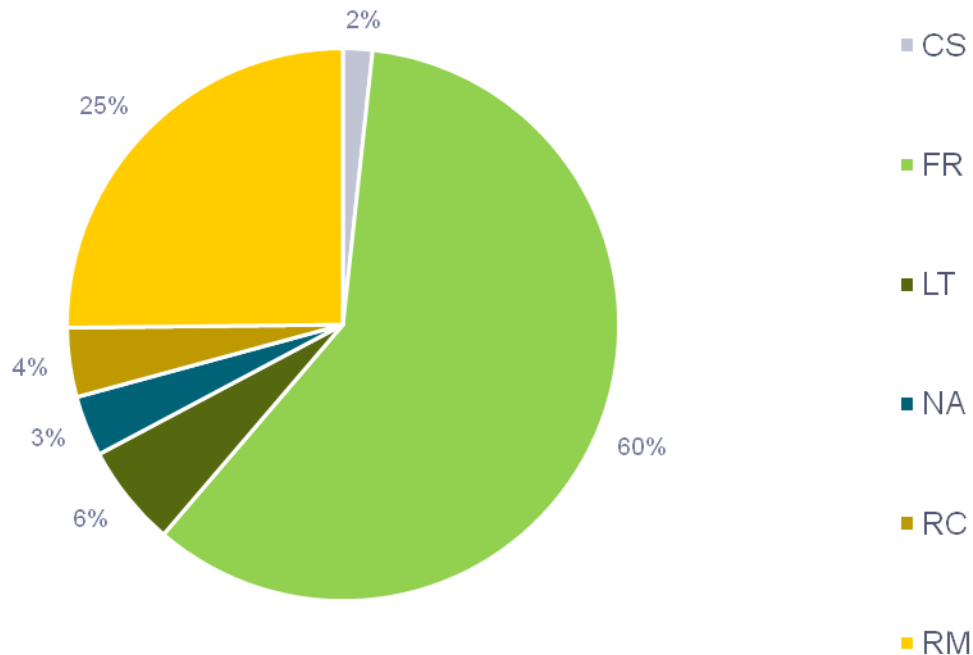
# PROVINCE OF RESIDENCE OF STUDENTS AT THE 2019 SELECTION



# PROVINCE OF RESIDENCE OF STUDENTS AT THE 2020 SELECTION



# PROVINCE OF RESIDENCE OF STUDENTS AT THE 2021 SELECTION





# 1,800 TRAINING COURSE HOURS IN TWO YEARS

**TOTAL IN-CLASS TEACHING HOURS**

**1.100 HOURS**



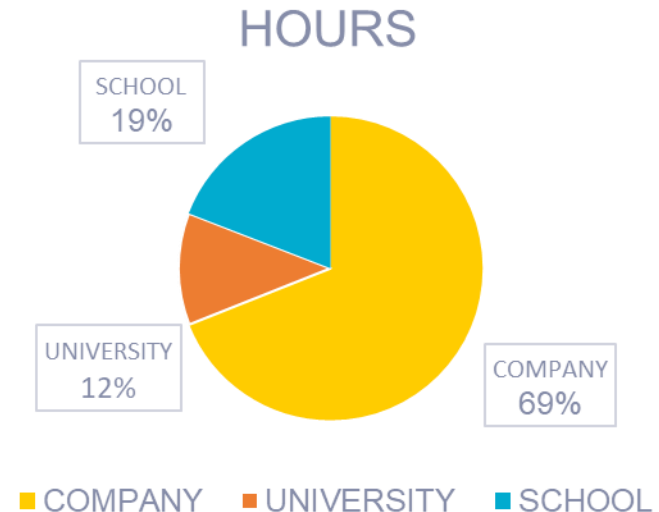
**TOTAL COMPANY INTERNSHIP HOURS**

**700 HOURS**



# BREAKDOWN OF TEACHING HOURS

- COMPANY 759 HOURS
- UNIVERSITY 131 HOURS
- SCHOOL 210 HOURS



Source: INDIRE database monitoring relating to the two-year course  
«HIGHER EDUCATION TECHNICAL DIPLOMA FOR THE INNOVATION OF MECHANICAL PROCESSES AND PRODUCTS» 2019-2021

# TEACHERS AT THE ITS MECHATRONIC OF LAZIO

**60% COME FROM  
BUSINESSES**

**20% COME FROM  
UNIVERSITIES**

**20% COME FROM  
SCHOOLS**



**JULY 2021:**  
**THE FIRST TWO YEARS OF THE ITS COURSE FOR THE**  
**ACHIEVEMENT OF THE HIGHER EDUCATION TECHNICAL**  
**DIPLOMA FOR THE INNOVATION OF MECHANICAL**  
**PROCESSES AND PRODUCTS IS CONCLUDED**



1 JULY 2021:

# DIPLOMA CEREMONY FOR THE 23 STUDENTS OF THE ITS MECHATRONIC OF LAZIO



# POST DIPLOMA JOB PLACEMENTS: 100%



**ALL STUDENTS THAT  
OBTAINED THE DIPLOMA  
CURRENTLY HAVE A  
STABLE EMPLOYMENT  
CONTRACT**

# CONTRIBUTIONS OF SHAREHOLDERS

- ✓ All the shareholders and partners of the ITS Mechatronic Foundation of Lazio contribute to its mission with:
- ✓ Direct economic contributions
- ✓ Commitment to the recruitment and placement of students
- ✓ Supply of goods and materials
- ✓ Managerial skills and experience
- ✓ Teaching, tutoring and services



## OUR FOUNDING MEMBERS: 9



**PROVINCIA  
DI FROSINONE**





# PARTICIPATING MEMBERS AND PARTNERS: 27



# UNINDUSTRIA PARTICIPATES BECAUSE

- ✓ ITS promotes a **stable link** between the educational training system, the local area and businesses
- ✓ ITS favours the development and consolidation of a positive manufacturing culture in the area
- ✓ ITS is the solution to the **mismatch** between supply and demand of skills
- ✓ ITS guarantees **employment** for young people
- ✓ ITS represents **dual higher education** in Italy

# OBJECTIVES

**Train professionals with the technical skills most requested by companies, ready to enter the world of work.**

# ITS TRAINING PATHS

- The courses last two years and are divided between classroom, laboratory and company lessons
- Qualification obtained: Higher Technical Diploma accompanied by the EUROPASS diploma supplement to promote circulation at national and European level



# ITS: How do Higher Technical Institutes work?

- They are implemented through the Foundation's model of participation in close collaboration with companies, universities / scientific and technological research centres, local authorities and the schools and training systems.
- Internship is compulsory for 30% of the total hours and at least 50% of the teachers come from the world of work



## ITS: WHO IS IT AIMED AT

Young school leavers and adults in possession of a diploma of upper secondary education to obtain the:

«Higher Technical Diploma with the certification of skills corresponding to the V level of the EQF European Qualifications Framework»

# MIUR INDIRE MONITORING DATA 2021

- 116 ITS present in Italy
- 713 active course types
- It has grown from 132 enrolled in 2010 to 18,273 enrolled in 2021
- 80% of ITS graduates find work one year after graduation

## MIUR INDIRE MONITORING DATA 2021

- **44.6% of the shareholder partners of the ITS Foundations are companies or business associations**
- **91% of the internship venues are companies**
- **81% of ITS graduates are satisfied with the ITS training path**
- **93.5% appreciate the quality of the teachers**



# ITS IN NUMBERS

enrolled in active courses by geographical area, region and year of beginning the course



## Iscritti ai percorsi attivi per ripartizione geografica, regione e anno di inizio percorso

		enrolled in active courses started in 2017	enrolled in active courses started in 2018	enrolled in active courses started in 2019	enrolled in active courses started in 2020	enrolled in active courses started in 2021	Total courses
Geographical area	Region	0	0	728	470	0	1198
North	Piemonte						
	Lombardia	0	27	1681	1823	0	3531
	Veneto	0	0	978	1099	0	2077
	Friuli Venezia Giulia	0	21	326	321	0	668
	Liguria	0	52	252	178	150	632
Centre	Emilia Romagna	0	0	649	641	0	1290
	Toscana	0	259	485	554	54	1352
	Umbria	0	0	177	142	0	319
	Marche	0	0	221	228	0	449
	Lazio	0	103	341	297	0	741
South and islands	Abruzzo	16	0	235	136	0	387
	Molise	0	0	28	24	0	52
	Campania	45	150	166	130	52	543
	Puglia	0	0	768	871	0	1639
	Calabria	53	96	164	0	24	337
	Sicilia	27	54	345	307	81	814
	Sardegna	24	143	268	234	0	669
<b>Totale</b>		<b>165</b>	<b>905</b>	<b>7812</b>	<b>7455</b>	<b>361</b>	<b>16698</b>

## 83% of ITS graduates find work one year after graduation

figure 1.1 Graduates and employment rate one year after graduation of the courses completed in the years 2013 to 2019  
(actual numbers and % employed)



Source: Indire, National database

## What do Italian companies need

49.1% of the most sought after figures by companies are:

- graduates in technical-scientific subjects
- graduates / post-graduates in technical and professional career paths

**33.8% Youth unemployment January 2021**

## PROSPECTS FOR 2030

- **Significant financial investments** (€2 billion have been allocated for ITS with the aim of reaching + 50% of graduates and + 150% of enrollments by 2025).
- Industry 4.0 Investment policies
- Guarantee the matching between supply and demand of skills

**THANK YOU FOR  
YOUR ATTENTION**