

TEEP

"A unique **world-level dual training program** oriented to increasing technical and entrepreneurial competences around **Polymer Technologies**"

CONTEXT

The talent is a revolution for the next 20 years. People and knowledge will evolve in a way that recruiting the best People is already a key activity

Global Organizations need to have presence all over the world. And also the People and knowledge. The Program TEP allows Organizations to complement these People and knowledge strategies transferring Organizational Culture and habits to all their subsidiaries and production plants around the world

We are in contact with Universities, Colleges and other public and private Institutions in the most potential areas around the world, from where Participants have been coming last editions



VALUE PROPOSAL FOR THE COMPANY

Training program oriented to Talent Recruitment in order to give response to the Company's global



4

TEP

CONSECUTIVE
EDITIONS

+40

PARTICIPANTS

8

NACTIONALITIES

80%

EMPLOYABILITY

VALUE PROPOSAL FOR THE PARTICIPANT



"A unique world-level dual training program oriented to increasing technical and entrepreneurial competences around Polymer Technologies"



SPECIALIZED TRAINING

Doctors, Researchers, Engineers and high-level expert consultants provide **specialized training about Polymer Technologies, Lean Methodologies and Entrepreneurship**. The methodology used consists of masterclasses and workshops to put in practice the concepts learned into practice

You will become an expert on these new sector technologies know-how, tools and methodologies



COMPANY INTERNSHIP

As a necessary complement to Specialized Training, the **Program TEP enriches Participants' professional experience through a stage in a leading Company**. Since Companies have the need of professional personnel in their national and international plants, **Program TEP can be a good opportunity to get a job**

All the participating Companies program a personal training-adjustment plan that place Participant's in their working environment, which translates into quick adaptation and better results



GLOBAL MINDSET

The Program TEP is developed in a territory with a strong industrial and entrepreneurial culture. The Participants will find an **appropriate environment to know different cultures, experiences, develop team learning and global mindset** that satisfies the Participants concerns and reinforces the professional profile that Companies are looking for

It is also a perfect opportunity to improve your languages!



NO APPLICATION FEE

Does talent have limits? Program TEP Participants do not have care for application fees, you just have to learn, contribute value during your Internship and live the experience. The Program also provides accommodation for International Participants **in Le-Artibai Technical School's Residence Hall**

We believe in the Program TEP, so the best way to let you do your best is to make you forget the costs. Just learn and enjoy it!

TEP PROGRAM OBJECTIVES

TEP Program trains Participants to:

- Develop their own professional career with a strong **technical background in Polymer Technologies**
- Write and develop projects for the **Polymeric Product Design, Injection Processes and Optimization of Polymeric Products**
- Define the necessary specifications of a production project or the improvements in the processes of the Supply Chain and implement them based on **Lean methodologies**
- **Promote Entrepreneurship and Innovation** with permanent identification of new business activities and opportunities for the Companies
- **Analyze and take decisions** related to the Organization's financial-economic aspects to implement changes, new products and new services
- **Live a professional experience responding to the needs of the Organizations** applying the knowledge and skills acquired during their training in a real environment
- **Acquire transversal competences** such as proactivity, team work, leadership, acceptance of new challenges and to be open-minded to carry out their professional activity in a global and delocalized environment



TIMING & PHASES

The Technology Entrepreneurship Program TEP is a three main blocks dual training carried out from OCTOBER to JUNE



INITIAL THEORETICAL TRAINING

2 MONTHS | 5 DAYS A WEEK



COMPANY INTERNSHIP

7 MONTHS | 4 DAYS A WEEK

OCTOBER



JUNE

FRIDAY'S TEAM LEARNING

7 MONTHS | 1 DAYS A WEEK



INITIAL THEORETICAL TRAINING

During the Initial Theoretical Training period, for **240 hours** the **Participants will acquire the necessary knowledge** for their subsequent application in real Company Environment



WHEN

OCTOBER-DECEMBER

The Initial Theoretical Training **starts the first week of October and finishes in December**

During this expert level classes, Participants will receive a **theoretical-practical training to acquire professional skills** concerning Polymer Technology and Entrepreneurship

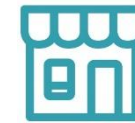


HOW

240 h | 08.00-14.00

Theoretical classes combined with **practices and workshops** related with the topics worked about will be programmed

Classes will be imparted from **Monday to Friday from 8am to 14pm**



WHERE

LEARTIKER TECHNOLOGY CENTRE

The Initial Theoretical Training will be imparted Program TEP facilities, where **best experts of the sector will come to give their lessons**

We are located in **Basque Country (Spain)**, in a region with a strong industrial and entrepreneurial culture thanks to all of the global organizations located around us

TRAINING MODULES

POLYMER TECHNOLOGIES		240 h
Polymeric Material Engineering	Gain fundamental knowledge when considering polymeric materials, properties and performance/costs issues. This materials' knowledge will be combined with the types of tests most often used to characterize or identify polymeric materials. This knowledge will be very useful for other modules of the course, such as Polymeric product design, Injection molding or Rheology and simulation	
Polymeric Product Design	Gain fundamental knowledge when considering materials, processes, shapes and performance/costs issues when designing new products (oriented to polymeric materials). This knowledge will be later combined with FEA tools as well as CAD software to develop plastic made components	
Injection Molding	Gain fundamental knowledge concerning the injection molding process of thermoplastic and rubber (elastomeric) materials. This knowledge will be later combined with FEA tools (Moldflow)	
Computer Assisted Design	Gain fundamental knowledge when designing a solid part using CAD tools (oriented to mechanical design), and generate a 2D drawing. This knowledge will be later combined with FEA tools	
Rheology and Finite Element Analysis	Gain fundamental knowledge of the part of the science known as Rheology and its use for the simulation of flow of plastic parts in the mold. This module will benefit from the knowledge gained in the modules: Polymeric materials and Injection molding	
Structural Finite Element Analysis	Gain basic working knowledge of using Ansys Workbench for static structural stress analysis of 3D solid models (oriented to polymeric material made components). It does not attempt to deal with other types of models or other capabilities of "Multiphysics" in Ansys Workbench	
Lean Methodologies	Gain general knowledge about the production management model focus on the creation a continuous flow to deliver the maximum value to the Customer	

TRAINING MODULES

LEAN MANUFACTURING

40 h

Introduction to LEAN Management

To gain fundamental knowledge about Lean manufacturing methodologies and how to apply them

Value and waste, 5S's and Short Range Interval

To identify value and waste in a production line, apply 5S's principles in a production cell and design short range interval methodologies

Standardization and Quality

To gain fundamental knowledge about standardization of a production cell and quality management

Just In Time JIT

To apply JIT methodologies to have a continuous flux in the production

Value Stream Mapping VSM

To use VSM methodology to identify all the process and implement improvements

TRAINING MODULES

ENTREPRENEURSHIP		40 h
Strategy and Innovation	Gain how a company designs and implements its Strategy, Strategic Plan, Business Model and Innovation Model. The session will be mainly based on learning by doing philosophy and so it will consist of a short theoretical part and a longer practical part	
Market Research	Gain the process of assessing the viability of a new good or service through research conducted directly with the consumer which allows a company to discover the target market and record opinions and other input from consumers regarding interest in the product	
Competitive Intelligence	Gain to understand and implement a technological surveillance and competitive intelligence system	
Feasibility Plan	Gain some basic economical concepts and an analysis and evaluation of a proposed project to determine if it is technically feasible, is feasible within the estimated cost, and will be profitable	
Creativity	Gain the dynamics and techniques, to get the general ideas of how to manage a creative dynamic	
Strategy and Innovation	Gain how a company designs and implements its Strategy, Strategic Plan, Business Model and Innovation Model. The session will be mainly based on learning by doing philosophy and so it will consist of a short theoretical part and a longer practical part	
Market Research	Gain the process of assessing the viability of a new good or service through research conducted directly with the consumer which allows a company to discover the target market and record opinions and other input from consumers regarding interest in the product	

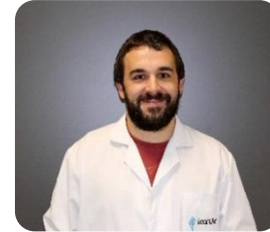
EXPERTS



AMAIA EGIA
CEO



PhD. AITOR ARRIAGA
POLYMERIC PRODUCT DESIGN



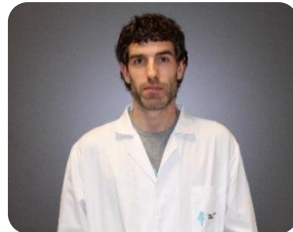
PhD. JON ANAKABE
INJECTION MOLDING



PhD. RIKARDO HERNANDEZ
POLYMERIC MATERIALS ENGINEERING



PhD. ALEX ARRILLAGA
COMPUTER ASSISTED DESIGN



PhD. MIKEL ISASI
FINITE ELEMENT ANALYSIS



PhD. ANE MIREN ZALDUA
MEDICAL DEVICES



JOSU GOIKOETXEA
INNOVATION MANAGEMENT

COMPANY INTERNSHIP

The period of Company Internship **lasts 1,112 hours, representing 85% of the total duration of the program TEP** and takes place between the months of January and June of each year



1° OPTION

INDUSTRIAL IMMERSION

Carry out an internship period in the company **obtaining know-how on specific technologies or jobs**, and implement in the company the acquired competencies during the training



2° OPTION

R&D ACTIVITIES

Get your first job experience, **learn tools and know-how related with R&D in polymers** and get introduced to a polymer institute day by day through a 3 stage process



3° OPTION

LAUNCHING YOUR OWN START-UP

Launch your own business idea and convert it in a company or work on the launching of a start-up proposal from LEARTIKER Strategic Innovation area

FRIDAY'S TEAM LEARNING

Every **Friday**, from December until the end of TEP Program, the TEP Team will meet all together to perform team learning activities **enriching their hard and soft and transversal skills**



COMPANY VISITS



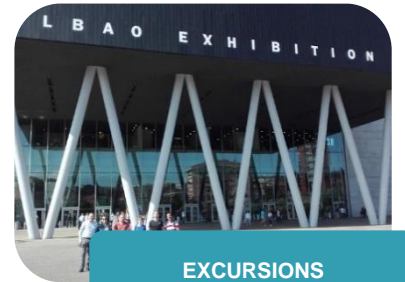
EXPERT SEMINARS



GROUP DYNAMICS



TUTORING



EXCURSIONS



WORKSHOPS



CREATIVITY SESSIONS



CONTENT IMPROVEMENT



PROJECT MANAGEMENT



TEP CHALLENGE

APPLY FOR TEP

TIMING & PHASES

PUBLICATION OF
TEP 4th EDITION
SOUGHT PROFILES



23rd APRIL

CONFIRMATION OF
ACCEPTED PROFILES



19th JUNE

CONFIRMATION OF
SELECTED PROFILES



20th JULY

15th JUNE



DEADLINE FOR APPLYING
CV, MOTIVATION LETTER & SELECTED
PREFERENTIAL SOUGHT PROFILE

9th JULY



SELECTION PROCESS
INTERVIEW WITH THE COMPANIES

DO YOU WANT TO FEEL THE EXPERIENCE? LIMITED PLACES!

To fill in your application for Program TEP 4th edition, you just need to contact us sending an email to coordinator@programtep.com

- We will **publish the Sought Profiles** for the Program TEP 4th edition on the **23rd of April**
- We will **ask you for your CV, Motivation Letter and selected preferential sought profiles until 15th of June**
- After receiving your documents, we **will inform you that you profile is accepted** in the Program TEP on the **19th of June**
- We will transmit companies the accepted profiles and they will make **the selection process** by their own **until 9th of July**
- Finally, on the **20th July**, TEP team **will inform which profiles will be part of the 4th generation of Program TEP**



CONDITIONS

The conditions to apply for Technology Entrepreneurship Program TEP are the next ones:

- **Limited places:** Just **30 Participants** will have the opportunity to be part of the TEP Team
- **Not to be more than 30 years old**
- **Be in possession of a Higher Degree or Bachelor Degree**, preferably in the following technical areas: Mechanics, Industrial, Design, Product, Process, Chemistry, Biomedical, ... Other profiles will be taken into account
- **Fluent English** language
- Your profile must **correspond to the needs apply for**
- **You must pass the two selection processes:** CV and company interview



TESTIMONIALS

This is what some of our Participants think about the TEP program:



AIZETI BURGOA

TEP 2^o EDITION APPLICANT | BASQUE COUNTRY

"I didn't just learn theoretical aspect, we also had the opportunity to put into practice all the learned content during the internship and I could experience the reality of working in a company"



AJAY VIJAY SURYANVANSHHI

TEP 2^o EDITION APPLICANT | INDIA

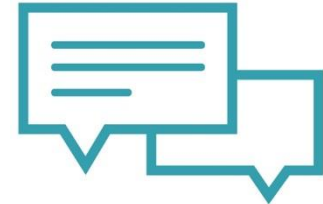
"I strongly feel that TEP program offers a unique blend of domain knowledge in Polymer Technologies and Entrepreneurship and practical skillset development by means of industrial projects"



EDUARDO MÁRQUEZ

TEP 2^o EDITION APPLICANT | MEXICO

"Professors are well prepared and they make everything possible to explain themselves, tutors are very kind and they are always concerned about your commodity and they will help you if you need anything"



ASSOCIATE ORGANIZATIONS

TEP bases its work on the establishment of a network of collaborations of international prestige Industrial Organizations



CONTACT



Feel free to contact us if you have any questions or comments



www.ProgramTEP.com



+34 946 16 90 89



coordinator@programtep.com



Xemein Etorbidea 12A, Markina-Xemein, Biscay (Spain)

And to stay up to date with the Program TEP updates, follow us!



Technology Entrepreneurship Program TEP



@ProgramTEP



Technology Entrepreneurship Program TEP



Technology Entrepreneurship Program TEP