

VISION / MISSION OF THE DEPARTMENT

The mission of the Department of Industrial Management and Technology is to provide support for the industry and technology-intensive enterprises by shaping scientists and educating executives with ethical and moral values that will be able to (a) manage and use the new technologies in business, (b) contribute directly to key issues concerning the development of EU, (c) engage in research, development and improvement of industrial processes and products, environmental protection and energy management, and (d) quickly enter the European and global labor market.

The core of the Department's Quality Policy is its vision and mission promoting:

1. Excellence and sound scientific knowledge of its graduates.
2. Scientific knowledge transfer to the student population through the design and offering of suitable Study Programs that will include student-centered teaching and research activities.
3. Shaping scientists and professionals with values, communication and social skills.
4. Training for leadership and management capabilities.
5. The "production" of high-quality specialization that fortifies its graduates in the face of current socioeconomic challenges.
6. The extroversion and constructive cooperation with academic, research and professional bodies.

The undergraduate study program is aligned with the research strategy of the Department in niche fields of industrial management and technology. Excellence constitutes the foundation of the Department and all its activities are intended to create and continuously evolve a modern and competitive undergraduate program on an international level. The academic staff together with the researchers and the administrative staff, the undergraduate and postgraduate students, the PhD students and graduates, design and implement the course of the Department towards the highest possible contribution to excellence, in both, teaching and research, and rewards it in any way they can. The foundation for achieving excellence is the cooperation between all members, the investment in new knowledge and new technologies, the monitoring of social needs and responding to them (according to the availability of the Department's resources), the concerted effort to improve the labor market relevance of the Department and respond to the market needs, the concerted effort to highlight the international presence of the members of the Department, the continuous efforts for improving the working conditions, the reduction in bureaucracy wherever feasible, and the speed in which decisions are taken.

OBJECTIVES OF THE UNDERGRADUATE STUDY PROGRAM OF THE DEPARTMENT

According to National Gazette 166/16.6.1989 establishing the Department of Industrial Management and Technology in the University of Piraeus, the objective of the Department is the provision of a combination of knowledge from science, engineering and business administration with a view to preparing graduates to become scientists that watch closely technological change and to initiating them in procedures regarding selection, design, operation, control and modernization of production systems.

The study program adapts to the current trends in science and technology and covers all business operations, putting emphasis on production. The structure of the program combines, in a coherent manner, the administrative, economic and technological dimensions of a

complex system, such as an industrial unit, so that the Department's graduates will be able to tackle successfully the complex organizational and technoeconomic problems which are bound to occur frequently in their careers.

The Department of Industrial Management and Technology is committed to providing its students with a high level of academic experience that promotes their knowledge and skills in problem solving and self-development, entrepreneurship, teamwork and scientific judgement in order to pursue postgraduate studies and/or to start their professional career in the private or public sector.

The study program aims at:

- (a) Creating a strong cognitive background for graduates by combining up-to-date knowledge and experience in industrial management and production.
- (b) Increasing the employability of graduates through their training in the use of modern technological tools and their familiarization with state-of-art research developments in the scientific fields that the Department serves.
- (c) Developing the metacognitive ability of graduates ensuring their smooth adaptation to the technologically-growing global economy.
- (d) Developing professionals with interpersonal/social skills that promote collectivity and collaboration both in the narrow academic and the wider social environment.
- (e) Creating new knowledge through inter- and multi-disciplinary research.
- (f) Contributing substantial to the efforts for reconstruction and increase of competitiveness, in cooperation with the respective production organizations of the industrial-business sector of the Greek economy.

STRATEGIC OBJECTIVES OF THE DEPARTMENT

In line with the University strategy, the strategic priorities and specific targets of the Department involve:

- S1. The production, dissemination and application of cutting-edge knowledge, with commitment to the principles of scientific ethics. In particular, the Department aims at:
 - SP1.1 Shaping scientists with values that will help to address current research, social, economic and technological challenges.
 - SP1.2 Promoting and disseminating the work carried out (educational, research, cultural and social) in the academic community to the society.
 - SP1.3 Preserving and further enhancing the comparative advantage of the department in the creation of applied knowledge for vital sectors of the industry and related scientific fields.
- S2. The continuous adaptation of the curricula of all Department courses to scientific developments and the needs of society. In particular, the Department aims at:
 - SP2.1 Developing further the research activities in the scientific fields that the Department serves.
 - SP2.2 Updating constantly the objectives of the Department, in line with new research trends and developments.
 - SP2.3 Attracting academic staff of high-profile and international standing.

- SP2.4 Providing incentives for the acknowledgement of excellence and improvement.
 - SP2.5 Improving the role of internal evaluation and standardizing evaluation processes by actively involving all interested parties (students, teachers, graduates, companies that provide internship positions, employers) and exploiting the results as a lever to improve the academic function and administrative operation of the Department.
- S3. The provision of high-quality university education and training to students. In particular, the Department aims at:
- SP3.1 Integrating multiple teaching and assessment methods in all courses in order to support the learning process of all students and integrate innovation into the educational process.
 - SP3.2 Promoting students' analytic, concluding, critical and creative thinking in all disciplines.
 - SP3.3 Increasing the active participation of students in the educational process.
 - SP3.4 Utilizing modern methods, techniques and tools, predominantly of information and communication technologies and open education resources to enhance teaching and facilitate access to knowledge.
 - SP3.5 Strengthening the collaboration between the Department's Internal Assessment Team (OM.E.A.) and the Quality Assurance Unit (MO.DI.P) of the University in order to ensure the quality of the study programs (undergraduate, postgraduate and doctoral).
 - SP3.6 Developing and operating a mechanism for updating and upgrading curricula of all programs, in line with modern educational approaches and international standards.
 - SP3.7 Enhancing the participation of undergraduate students in the research activities of the Department.
 - SP3.8 Expanding foreign language courses, increasing ERASMUS classes, and developing a 'Summer School' course in foreign language to attract international students.
- S4. The reinforcement of staff resources and the creation of an enabling environment that paves the way for the students, the academic staff and the administrative staff of the Department to succeed. In particular, the Department aims at:
- SP4.1 Extending the responsibilities and activities of the Academic Advisor.
 - SP4.2 Reinforcing the role of the Department in the social and cultural student events.
 - SP4.3 Increasing the academic and scientific staff.
 - SP4.4 Increasing the administrative staff.
 - SP4.5 Ensuring the operational capability of staff to deliver academic and administrative work of high quality.
 - SP4.6 Creating a culture for the continuous improvement of knowledge and skill levels of the Department's human resources and developing instruments to this effect.
- S5. The stimulation of research and innovation, contributing towards building and developing the European Higher Education and Research Area and intensifying the link between applied research and production. In particular, the Department aims at:
- SP5.1. Developing and increasing the number of the Department's research laboratories and acquiring new research staff.

- SP5.2. Providing incentives for reinforcing academic research.
 - SP5.3. Increasing research programmes.
 - SP5.4. Empowering young researchers, doctoral candidates, and faculty members to produce high-quality research work.
 - SP5.5. Promoting intra- and inter- departmental research collaborations and creating a background / framework for the dissemination of relevant information and the coordination of required actions.
 - SP5.6. Strengthening the research collaborations of the Department with universities or research centers in Greece or abroad.
 - SP5.7. Seeking agreements with Universities abroad to jointly supervise doctoral theses that may lead to a joint or a dual degree.
 - SP5.8. Strengthening the collaboration of the Department with professional bodies and linking research with industry.
 - SP5.9. Disseminating the research achievements of the researchers of the University to their effective utilization of the productive potential of the country.
 - SP5.10. Reinforcing and modernizing the research infrastructure.
- S6. The extroversion and internationalization, expanding and intensifying international networking and strategic partnerships with academic, and other bodies. In particular, the Department aims at:
- SP6.1 Attracting more students of high potential.
 - SP6.2 Improving the international ranking of the Department.
 - SP6.3 Increasing students' mobility through the Erasmus (+) programme.
 - SP6.4 Increasing the number of courses in foreign language for Erasmus (+) students of EU member states.
 - SP6.5 Developing a dynamic alumni community with strong links to the Department.
- S7. The upgrading and expansion of infrastructure and services for achieving sound logistics and more efficient operation of the Department. In particular, the Department aims at:
- SP7.1 Continuously updating and upgrading of the Department's Regulations, in line with the operating framework for the University.
 - SP7.2 Upgrading and expanding the Department's academic and administrative infrastructure.
 - ΣΠ7.3 Expanding the building infrastructure of the Department, for the benefit of its efficient and effective operation.
 - SP7.4 Accelerating the digital transformation of the Department with the aim of developing efficient and effective services.
 - SP7.5 Utilizing additional resources and ensuring the soundness of the Department through partnerships, initiatives, educational and research programmes.
 - SP7.6 Attracting funds for scholarships and the financial support of the students.
 - SP7.8 Participating in and supporting the University's efforts to become 'green'.
- S8. The consolidation of the Department's links to the local community and the enhancement of the social impact of the Department's activities. In particular, the Department aims at:
- SP8.1 Strengthening the Department's connection with society and its involvement in the development of the local community and the country, at educational and cultural levels.
 - SP8.2 Developing co-operations with local and national bodies for the transfer of knowledge in the face of social, economic and technological challenges.

- SP8.3 Acting in co-operation with the local business and economic community.
- SP8.4 Developing and implementing a strong communication strategy.
- SP8.5 Participating in and supporting the University's actions in Corporate Social Responsibility, Accountability and Transparency.