

Journal: ESIC Market

Special Issue: The role of Educational Institutions in preparing professional skills for jobs in industry 4.0.

Editor: Dra. Carmen de Pablos Heredero

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Summary

Currently there is a need to train in professional skills to cover job profiles linked to Industry 4.0. It is estimated that over a period of 20 years, new job profiles will be required for which many of today's professionals are not yet ready.

Educational Institutions must adapt their training offer to what the market is demanding and future prospects.

This special issue seeks to gather inputs to help understand the role of Educational Institutions in training professionals for jobs in Industry 4.0.

Potential topics include but, are not exclusively closed, to the following topics:

Training in industry 4.0

Training in industry 4.0 technologies

Critical thinking

Training in social skills

University-firm cooperation to promote professional path careers for industry 4.0

Digital literacy

Training leaders for the industry 4.0

Education to promote entrepreneurial initiatives in Industry 4.0

Training in collaborative work

Innovative experiences to promote competences for the industry 4.0

University models to train decision makers for the Industry 4.0

Training in competences for the Industry 4.0

Finding the balance in genre issues for the Industry 4.0.

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Key words:

Digital competences
Digital literacy
Digital transformation
Innovation
Entrepreneurship
Open collaborative models
Value co-creation
Open innovation
Metrics
Digital training ecosystems
Industry 4.0.
Opportunities for the development of women path careers in industry 4.0.
Critical success factors
Social skills
Education models
Training methodologies
Cooperation
University
Transfer of talent to firms
Information and communication technologies

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