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Ana Catarina Nunes

Professora Auxiliar

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Curriculum

Ana Catarina Nunes is an Assistant Professor at ISCTE-IUL. She has a PhD in Mathematics Applied to Economics and Management, a MSc in Operations Research, and graduated in Statistics and Operations Research. She teaches quantitative methods, namely Operations Research and Optimization. She has presented communications in several conferences, and has published in scientific journals such as the European Journal of Operational Research. Her research topics are operations research (combinatorial optimization), mainly on mathematical models and heuristics for the designs of routes and sectors for real applications in delivery and collection systems. In this context, she has been a researcher in projects supported by national funding from FCT (Fundação para a Ciência e a Tecnologia) focused on the efficient resource management in environmental services related to household refuse collection.

Research Interests

Operations Research (Combinatorial Optimization)

Models and algorithms for routing management (collection/delivery of goods)

Arc Routing Problems

Academic Qualifications

University/Institution	Type	Degree	Period
Instituto Superior de Economia e Gestão - UTL	PhD	Matemática Aplicada à Economia e à Gestão	2009
Faculdade de Ciências - Universidade de Lisboa	M.Sc.	Investigação Operacional	2000
Faculdade de Ciências - Universidade de Lisboa	Licenciante	Estatística e Investigação Operacional	1996

External Professional Activities

Period	Employer	Country	Description
2016 - 2019	ISCTE-IUL/FCT ao abrigo do projeto PTDC/MAT-NAN/2196/2014	--	Development of methodologies and software for profitable vehicle routing problems
2012 - 2015	ISCTE-IUL/FCT ao abrigo do projeto PTDC/EGE-GES/121406/2010	--	Development of methodologies and software to optimise household refuse collection problems proposed by the Municipality of Seixal

Teaching Activities

Teaching Year	Sem.	Course Name	Degree(s)	Coord.
2025/2026	2º	Optimization for Data Science	Bachelor Degree in Data Science;	Yes
2025/2026	2º	Prescriptive Analytics	Master Degree in Business Analytics;	Yes
2025/2026	2º	Interdisciplinary Seminar in Data Science	Master Degree in Data Science;	No
2025/2026	1º	Network Analysis	Bachelor Degree in Data Science;	No
2025/2026	1º	Project Design for Data Science	Master Degree in Data Science;	No
2024/2025	2º	Optimization for Data Science	Bachelor Degree in Data Science;	Yes
2024/2025	2º	Supervised Learning Methods	Bachelor Degree in Data Science;	No
2024/2025	2º	Prescriptive Analytics	Master Degree in Business Analytics;	Yes
2024/2025	1º	Network Analysis	Bachelor Degree in Data Science;	No

2024/2025	1°	Project Design for Data Science	Master Degree in Data Science;	No
2024/2025	1°	Dissertation in Data Science		Yes
2024/2025	1°	Operation Research	Bachelor Degree in Management;	Yes
2023/2024	2°	Optimization for Data Science	Bachelor Degree in Data Science;	Yes
2023/2024	2°	Prescriptive Analytics	Master Degree in Business Analytics;	Yes
2023/2024	1°	Network Analysis	Bachelor Degree in Data Science;	No
2023/2024	1°	Operation Research	Bachelor Degree in Management;	Yes
2022/2023	2°	Optimization for Data Science	Bachelor Degree in Data Science;	Yes
2022/2023	2°	Prescriptive Analytics	Master Degree in Business Analytics;	No
2022/2023	1°	Operation Research	Bachelor Degree in Management;	No
2022/2023	1°	Fundamentals of Operations Research	Bachelor Degree in Industrial Management and Logistics;	Yes
2021/2022	2°	Optimization for Data Science	Bachelor Degree in Data Science;	Yes
2021/2022	2°	Prescriptive Analytics	Master Degree in Business Analytics;	Yes
2020/2021	2°	Optimization for Data Science	Bachelor Degree in Data Science (PL); Bachelor Degree in Data Science;	Yes
2020/2021	2°	Prescriptive Analytics	Master Degree in Business Analytics;	Yes
2020/2021	1°	Operation Research	Bachelor Degree in Management;	Yes
2019/2020	2°	Optimization for Data Science	Bachelor Degree in Data Science (PL); Bachelor Degree in Data Science;	Yes
2019/2020	1°	Operation Research	Bachelor Degree in Management;	Yes
2018/2019	2°	Geometry and Trigonometry		No
2018/2019	2°	Logic, Sequences, Combinatory and Probability		No
2018/2019	2°	Functions and Complex Numbers		No
2018/2019	2°	Derivative of Functions and Applications		No
2018/2019	1°	Operation Research	Bachelor Degree in Management;	No

2018/2019	1º	Statistics I		No
2017/2018	1º	Operation Research	Bachelor Degree in Management;	No
2016/2017	1º	Operation Research	Bachelor Degree in Management;	No
2015/2016	2º	Optimization		No
2015/2016	1º	Operation Research	Bachelor Degree in Management;	Yes
2014/2015	2º	Optimization		No
2014/2015	1º	Operation Research	Bachelor Degree in Management;	No
2013/2014	2º	Optimization		No
2013/2014	2º	Optimization		No
2013/2014	1º	Operation Research	Bachelor Degree in Management;	No
2011/2012	1º	Linear Algebra, Analytic Geometry and Vector Analysis		No
2010/2011	2º	Mathematics II	Bachelor Degree in Economics;	No
2010/2011	2º	Optimization		No
2008/2009	2º	Optimization		No

Supervisions

• M.Sc. Dissertations

- Ongoing

	Student Name	Title/Topic	Language	Status	Institution
1	Ana Beatriz Cristóvão Ferreira	home respiratory care services	Portuguese	Delivered	Faculdade de Ciências da Universidade de Lisboa
2	Afonso Marques Simões Fareleiro	Data-Driven Insights into Air Quality and Urban Dynamics in Lisbon	--	Developing	Iscte
3	Tiago Simão Tomás	Ciência de Dados aplicada ao Ensino Superior	--	Developing	Iscte
4	Leonor Isabel Justino Pimentel	Business Analytics Applied to Hospital Security: Characterization and Prediction of Patient Elopement Risk	--	Developing	Iscte

5	Vasco Filipe Fonseca Mira	Acesso ao Ensino Superior: Proposta de dashboard para monitorização e avaliação	--	Developing	Iscte
6	Andreia Sofia Pinto Esmael Baião	Dashboard for Monitoring the Health Benefits Generated in Community Pharmacies: Case Study at PHARMABSC	--	Developing	Iscte
7	Andreia Carreira Rodrigues	Demand Forecasting and Stock Management for an Animal Products Company	--	Developing	Iscte
8	Sofia Miao Lin	Sustainability Analysis: Electric Vehicles versus Internal Combustion Vehicles	--	Developing	Iscte
9	Nuno Miguel Martins da Fonseca	Implementation of Continuous Auditing in a Bank using Data Analytics	--	Developing	Iscte

- Concluded

	Student Name	Title/Topic	Language	Institution	Concluding Year
1	Rodrigo Carvalho Gil Mineiro	Effectiveness of student teams: The influence of diversity of personality traits	Portuguese	Iscte	2023
2	Tatiana Sofia Oliveira Li	Olympic Games efficiency analysis: Performance evaluation of participating countries at the 2020 Toquio Olympic Games	Portuguese	Iscte	2023
3	Pedro Seoane Jesus	Dynamic routes, a case study in urgent home respiratory care services.	Portuguese	Iscte	2023
4	Mariana Brás de Moura Duarte Miranda	A Multimodal Transportation Network between China and Europe	English	Iscte	2019
5	Beatriz Cardoso de Almeida	Definição de Território de Vendas: Estudo aplicado a uma empresa de comercialização e distribuição de bebidas	Portuguese	Iscte	2017
6	Esteves, André João	Improvement of forecasting and sales bargaining power: the case of Altri	English	Iscte	2015
7	Rita Serrador Coelho Pereira	Avaliação de Solução de Frota - Um caso de Estudo	Portuguese	Iscte	2012
8	Oliveira, André Jorge de	A Externalização nas Operações de Gestão de Resíduos	English	Iscte	2011

• M.Sc. Final Projects

- Concluded

	Student Name	Title/Topic	Language	Institution	Concluding
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					Year
1	Iara Sofia de Sousa do Nascimento	Decision support system for route planning: Application in the air conditioning industry	English	Iscte	2024
2	André João Esteves	Improvement of Forecasting and Sales Bargaining Power: The case of Altri	English	Iscte	2015
3	Bernardo Amaral Marques Pinto Carvalho	Análise da Solução de Frota numa Empresa de Distribuição - Caso de Estudo	Portuguese	Iscte	2013
4	André Jorge de Oliveira	A Externalização nas Operações de Gestão de Resíduos.	--	Iscte	2011

Total Citations

Web of Science®	137
Scopus	138

Publications

• Scientific Journals

- Scientific journal paper

1	Nunes, A. C., Pereira, Â., Saraiva, M., Canas, J. M. & Lopes da Costa, R. (N/A). The impact of sustainable marketing on firm performance: A bibliometric analysis. Journal of Business-to-Business Marketing. N/A
2	Öztürk, E. G., Rocha, P., Rodrigues, A. M., Ferreira, J. S., Lopes, C., Oliveira, C....Nunes, A. C. (2024). D3S: Decision support system for sectorization. Decision Support Systems. 181 - Times Cited Web of Science®: 2 - Times Cited Scopus: 3 - Times Cited Google Scholar: 3
3	Cortinhal, M. J., Mourão, M. C. & Nunes, A. C. (2016). Local search heuristics for sectoring routing in a household waste collection context. European Journal of Operational Research. 255 (1), 68-79 - Times Cited Web of Science®: 34 - Times Cited Scopus: 29 - Times Cited Google Scholar: 53
4	Constantino, M., Gouveia, L., Mourão, M. C. & Nunes, A. C. (2015). The mixed capacitated arc routing problem with non-overlapping routes. European Journal of Operational Research. 244 (2), 445-456 - Times Cited Web of Science®: 41 - Times Cited Scopus: 41 - Times Cited Google Scholar: 65

5	<p>Nunes, A. C., Mourão, M. C. & Prins, C. (2009). Heuristic Methods for the sectoring arc routing problem. <i>European Journal of Operational Research</i> . 196 (3), 856-868</p> <p>- Times Cited Web of Science®: 59</p> <p>- Times Cited Scopus: 60</p> <p>- Times Cited Google Scholar: 103</p>
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• Books and Book Chapters

- Book editor

1	<p>Pintassilgo, S., Almeida, A., Nunes, A. C., Soares, H., Correia, I., Costa, P....Alvito, M. (2025). <i>Novos exemplos de práticas pedagógicas e estratégias de inovação pedagógica no Iscte</i>. Lisboa. Iscte – Instituto Universitário de Lisboa.</p>
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• Conferences/Workshops and Talks

- Publication in conference proceedings

1	<p>Mineiro, R., Silva, M. G. & Nunes, A. C. (2024). Effectiveness of student teams: The role of team personality diversity . In Mafalda Patuleia (Ed.), <i>Proceedings of the 20th European Conference on Management Leadership and Governance, ECMLG 2024</i>. (pp. 362-369). Lisbon: Academic Conferences International.</p> <p>- Times Cited Web of Science®: 1</p> <p>- Times Cited Google Scholar: 2</p>
2	<p>Lima, M. M., Sousa, F., Öztürk, E. G., Rocha, P. F., Rodrigues, A. M., Ferreira, J. S....Oliveira, C. T. (2023). A resectorization of fire brigades in the north of Portugal. In Almeida, J. P., Geraldés, C. S., Lopes, I. C., Moniz, S., Oliveira, J. F., and Pinto, A. A. (Ed.), <i>Operational Research. Springer Proceedings in Mathematics & Statistics</i> . (pp. 87-101). Figueira da Foz, Portugal: Springer.</p> <p>- Times Cited Google Scholar: 1</p>
3	<p>Öztürk, E. L., Sousa, F. S. de., Lima, M. M., Rocha, P. F., Rodrigues, A. M., Ferreira, J. S....Oliveira, C. T. (2023). Developing a system for sectorization: An overview. In Almeida, J. P., Geraldés, C. S., Lopes, I. C., Moniz, S., Oliveira, J. F., and Pinto, A. A. (Ed.), <i>Operational Research. Springer Proceedings in Mathematics & Statistics</i> . (pp. 129-141). Figueira da Foz, Portugal: Springer.</p>
4	<p>Lopes, I., Rodrigues, A., Ozturk, E., Ferreira, J., Nunes, A. C., Rocha, P....Oliveira, C. (2023). Parcel delivery services: A sectorization approach with simulation. In João Paulo Almeida, Filipe Pereira e Alvelos, Jorge Orestes Cerdeira, Samuel Moniz, Cristina Requejo (Ed.), <i>Operational Research: APDIO 2022</i>. (pp. 113-124). Évora, Portugal: Springer.</p>
5	<p>Öztürk, E., Rocha, P., Sousa, F., Lima, M., Rodrigues, A. M., Ferreira, J. S....Oliveira, C. (2022). An application of Preference-Inspired Co-Evolutionary Algorithm to sectorization. In Machado, J., Soares, F., Trojanowska, J., Yildirim, S., Vojtšek, J., Rea, P., Gramescu, B., and Hrybiuk, O. O. (Ed.), <i>Innovations in Mechatronics Engineering II. Lecture Notes in Mechanical Engineering</i>. (pp. 257-268). Guimarães: Springer.</p> <p>- Times Cited Scopus: 3</p> <p>- Times Cited Google Scholar: 4</p>
6	<p>Sousa, F. S. de., Lima, M. M., Öztürk, E. G., Rocha, P. F., Rodrigues, A. M., Ferreira, J. S....Oliveira, C. (2022). Dynamic sectorization-conceptualization and application. In Machado, J., Soares, F., Trojanowska, J., Ottaviano, E., Valášek, P., Reddy D., M., Perondi, E. A., and Basova, Y. (Ed.), <i>Innovations in Mechatronics Engineering II. Lecture Notes in Mechanical Engineering</i>. (pp. 293-304). Guimarães: Springer.</p> <p>- Times Cited Scopus: 1</p> <p>- Times Cited Google Scholar: 1</p>

7	Martins, A. L., Nunes, A. C. & Carvalho, B. (2019). Analyzing a fleet solution using scenarios. In Martins, A. L., Ferreira, J. C., and Kocian, A. (Ed.), Intelligent Transport Systems: From Research and Development to the Market Uptake. Lecture Notes of the Institute for Computer Sciences, Social Informatics and Telecommunications Engineering. (pp. 92-107). Braga: Springer. - Times Cited Google Scholar: 2
8	Martins, A. L., Nunes, A. C., Pereira, R. & Ferreira, J. C. (2019). Improving fleet solution – a case study. In Lecture Notes of the Institute for Computer Sciences, Social Informatics and Telecommunications Engineering. (pp. 41-52). Guimarães: Springer. - Times Cited Scopus: 1

- Talk

1	Rodrigo Mineiro, Silva, M. G. & Nunes, Ana Catarina (2024). Effectiveness of Student Teams: The Role of Team Personality Diversity. European Conference on Management Leadership and Governance .
2	Nunes, Ana Catarina, Rodrigues, Ana Maria, Ferreira, José Soeiro, Pedro Rocha, Ozturk, Elif Goksu, Lopes, Isabel Cristina...Lima, Maria Margarida (2022). Dynamic Sectorization with time changing demand. EWGLA XXVII EURO Working Group on Locational Analysis.
3	Ozturk, Elif Goksu, Pedro Rocha, Sousa, F., Lima, Maria Margarida, Rodrigues, Ana Maria, Ferreira, José Soeiro...Oliveira, Cristina Teles (2022). An Application of Preference-Inspired Co-Evolutionary Algorithm to Sectorization. 2nd International Conference Innovation in Engineering, ICIE 2022.
4	Ozturk, Elif Goksu, Pedro Rocha, Lima, Maria Margarida, Rodrigues, Ana Maria, Ferreira, José Soeiro, Lopes, Isabel Cristina...Nunes, Ana Catarina (2022). Building a Web System for Sectorization. EWGLA XXVII EURO Working Group on Locational Analysis.
5	Lima, Maria Margarida, Ozturk, Elif Goksu, Pedro Rocha, Lopes, Isabel Cristina, Oliveira, Cristina Teles, Rodrigues, Ana Maria...Nunes, Ana Catarina (2022). Resectorization Problems. EWGLA XXVII EURO Working Group on Locational Analysis.
6	Nunes, Ana Catarina, Sousa, F., Lima, Maria Margarida, Ozturk, Elif Goksu, Pedro Rocha, Rodrigues, Ana Maria...Oliveira, Cristina Teles (2022). Dynamic sectorization-conceptualization and application. 2nd International Conference Innovation in Engineering, ICIE 2022.
7	Lima, Maria Margarida, Ozturk, Elif Goksu, Sousa, Filipe Soares, Lopes, Isabel Cristina, Oliveira, Cristina Teles, Rodrigues, Ana Maria...Ferreira, José Soeiro (2021). A resectorization of fire brigades in the north of Portugal. IO 2021 - XXI Congresso da Associação Portuguesa de Investigação Operacional. - Times Cited Google Scholar: 1
8	Sousa, Filipe Soares, Ozturk, Elif Goksu, Lima, Maria Margarida, Nunes, Ana Catarina, Lopes, Isabel Cristina, Oliveira, Cristina Teles...Ferreira, José Soeiro (2021). Dynamic Sectorization - Conceptualization and Application. IO 2021 - XXI Congresso da Associação Portuguesa de Investigação Operacional.
9	Ozturk, Elif Goksu, Sousa, Filipe Soares, Lima, Maria Margarida, Rodrigues, Ana Maria, Ferreira, José Soeiro, Nunes, Ana Catarina...Oliveira, Cristina Teles (2021). Web-based Decision Support System for Sectorization. IO 2021 - XXI Congresso da Associação Portuguesa de Investigação Operacional.
10	Martins, A., Nunes, Ana Catarina & Carvalho, B. (2019). Analyzing a fleet solution using scenarios. INTSYS 2019.

11	Cortinhal, M. J., Mourão, Maria Cândida & Nunes, Ana Catarina (2016). A sectoring-routing algorithm for the mixed capacitated arc routing problem with attractive service áreas. WARP2 meeting, the 2nd workshop on Arc Routing Problems.
12	Nunes, Ana Catarina (2015). The design of service zones and routes for real life problems. Encontros IO.
13	Nunes, Ana Catarina (2015). Problemas de rotas nos arcos: minimização da sobreposição de zonas de serviço. IO 2015 - 17.º Congresso da APDIO .
14	Cortinhal, Maria João, Mourão, Maria Cândida & Nunes, Ana Catarina (2014). Meta-heuristics for residential waste collection problems. VeRoLog 2014 - 3rd meeting of the EURO Working Group on Vehicle Routing and Logistics Optimization.
15	Nunes, Ana Catarina, Constantino, Miguel, L. Gouveia & Mourão, Maria Cândida (2014). The mixed capacitated arc routing problem with non-overlapping routes. ISCO2014 - 3rd International Symposium on Combinatorial Optimization.
16	Cortinhal, Maria João, Mourão, C. & Nunes, Ana Catarina (2014). Local search heuristics for residential waste collection problems. ISCO2014 - 3rd International Symposium on Combinatorial Optimization.
17	Nunes, Ana Catarina, Constantino, Miguel, L. Gouveia & Mourão, Maria Cândida (2014). Non-overlapping routes for the mixed capacitated arc routing problem. VeRoLog 2014 - 3rd meeting of the EURO Working Group on Vehicle Routing and Logistics Optimization.
18	Nunes, Ana Catarina, Cortinhal, M.J. & Mourão, Maria Cândida (2013). An adaptive large neighborhood search heuristic for the sectoring-arc routing problem. EURO-INFORMS XXVI - 26th European Conference on Operational Research.
19	Nunes, Ana Catarina, Mourão, Maria Cândida, L. Gouveia & Constantino, Miguel (2013). Contiguity service constraints for capacitated arc routing problems. WARP 1 - 1st Workshop on Arc Routing Problems.
20	Nunes, Ana Catarina, Mourão, Maria Cândida, L. Gouveia & Constantino, Miguel (2013). Contiguity service constraints for vehicles routing: applications in household refuse collection. IO 2013 - 16.º Congresso da APDIO.
21	Nunes, Ana Catarina, Cortinhal, M.J. & Mourão, Maria Cândida (2013). An adaptive large neighborhood search for the household refuse collection problem. IO 2013 - 16.º Congresso da APDIO .
22	Cortinhal, M.J, Costa, A., Lopes, M. J. & Nunes, Ana Catarina (2012). An integer mixed linear programming model for an intermodal integrated supply chain network design. CO2012 - International Symposium on Combinatorial Optimization 2012.
23	Nunes, Ana Catarina, Cortinhal, M.J. & Mourão, Maria Cândida (2012). Heuristics for household refuse collection. CO2012 - International Symposium on Combinatorial Optimization 2012.
24	Cortinhal, M. J., Costa, A., Lopes, M. J. & Nunes, Ana Catarina (2012). An intermodal integrated supply chain network design. Encontros de IO.
25	Nunes, Ana Catarina, Cortinhal, M.J. & Mourão, Maria Cândida (2012). Metaheuristics for household refuse collection. Euro XXV - 25th European Conference on Operational Research.
26	Nunes, Ana Catarina, Cortinhal, M.J. & Mourão, Maria Cândida (2011). The sectoring-arc routing problem: waste collection in urban areas. Optimization 2011 - 7th International Conference on Optimization .

27	Nunes, Ana Catarina, Cortinhal, M.J. & Mourão, Maria Cândida (2011). Refuse Collection in large urban areas. AIRO 2011 - 42nd Annual Conference of the Italian Operational Research Society.
28	Cortinhal, M.J., Costa, A. R., Lopes, M. J. & Nunes, Ana Catarina (2011). An extended model for logistic network design. AIRO 2011 - 42nd Annual Conference of the Italian Operational Research Society.
29	Cortinhal, M. J., Costa, A. R., Lopes, M. J. & Nunes, Ana Catarina (2011). A model for an extended intermodal logistic network design. EWGLA XIX - 19th EURO Working Group on Location Analysis.
30	Nunes, Ana Catarina, L. Gouveia & Mourão, Maria Cândida (2011). O problema de sectorização-rotas nos arcos: modelos para sectores contíguos. IO 2011 - 15.º Congresso da APDIO.
31	Nunes, Ana Catarina & Mourão, Maria Cândida (2010). Models for the Sectoring-Arc Routing Problem (SARP). ALIO-INFORMS 2010 - ALIO-INFORMS Joint International Meeting.
32	Nunes, Ana Catarina & Mourão, Maria Cândida (2010). Models for the Sectoring-Arc Routing Problem (SARP). Euro XXIV - 24th European Conference on Operational Research.
33	Nunes, Ana Catarina & Mourão, Maria Cândida (2008). The Sectoring-Arc Routing Problem (SARP): Models and lower bounds. INFORMS 2008 - The Institute for Operations Research and Management Sciences Annual Meeting.

• Other Publications

- Entries/Forewords/Afterwords

1	Pintassilgo, S., Almeida, A., Nunes, A. C., Soares, H., Correia, I., Costa, P....Alvito, M. (2025). Prefácio. Novos Exemplos de práticas pedagógicas e estratégias de inovação pedagógica no Iscte. 5-6
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- Non-peer-reviewed papers

1	Lopes, H., Vale, S. & Nunes, Ana Catarina (2021). Inquérito aos docentes e investigadores do Iscte acerca do impacto da pandemia na sua atividade. Ensino Superior – Revista do Snesup. 72-73, 20-33
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- Other publications

1	Martins, A., Nunes, Ana Catarina, Ramos, T. & Ferreira, J. (2018). Improving fleet solution – a case study.
2	Martins, A., Nunes, Ana Catarina, Ramos, T. & Ferreira, J. (2018). Improving fleet solution – a case study. SmartCity360°.

Research Projects

Project Title	Role in Project	Partners	Period
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Supporting European Research and Innovation Through stakeholder collaboration and institutional reform	Researcher	BRU-Iscte (Data Analytics), ISTAR-Iscte (IS), DINAMIA'CET-Iscte (IL)	2025 - 2027
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Academic Management Positions

Director (2025 - 2028)
Unit/Area: Master Degree in Data Science

Director (2023 - 2025)
Unit/Area: Master Degree in Data Science

Coordenador do 1º Ano (2023 - 2024)
Unit/Area: Bachelor Degree in Data Science (PL)

Coordenador do 1º Ano (2023 - 2024)
Unit/Area: Bachelor Degree in Data Science

Membro (Docente) (2023 - 2025)
Unit/Area: Plenário do Conselho Pedagógico

Membro (2023 - 2025)
Unit/Area: Comissão Permanente do Conselho Pedagógico

Membro (2023 - 2025)
Unit/Area: Comissão Permanente do Conselho Pedagógico

Membro (2022 - 2026)
Unit/Area: Comissão Científica

Coordenador do 1º Ano (2021 - 2023)
Unit/Area: Bachelor Degree in Data Science (PL)

Coordenador do 1º Ano (2021 - 2023)
Unit/Area: Bachelor Degree in Data Science

Membro (Docente) (2021 - 2023)
Unit/Area: Plenário do Conselho Científico

Coordenador do 1º Ano (2019 - 2021)
Unit/Area: Bachelor Degree in Data Science (PL)

Coordenador do 1º Ano (2019 - 2021)
Unit/Area: Bachelor Degree in Data Science

Membro (Docente) (2019 - 2021)
Unit/Area: Plenário do Conselho Científico

Professional Associations

APDIO - Associação Portuguesa de Investigação Operacional (Since 1996)