

PhD Course: MECHATRONICS AND PRODUCT INNOVATION ENGINEERING			
Department	TECNICA E GESTIONE DEI SISTEMI INDUSTRIALI - DTG		
Duration	3 years		
Number of positions	Scholarships funded by external public or private bodies/Departments	n. 2	1 scholarship funded by ABB E-Mobility S.p.A. - Topic: Optimization of power electronics topology and control; 1 scholarship funded by Mitsubishi Electric Hydronics and IT Cooling Systems S.p.A. - Topic: High and Ultra-High Temperature Heat Pumps;
	Total number of positions	n. 2	
Selection criteria	PRESELECTION ON THE BASIS OF EVALUATION OF QUALIFICATIONS AND ORAL EXAMINATION		
Oral examination via remote interview:	Applicants who have requested it in the application form will take the oral exam via remote interview using the ZOOM videoconference tool.		
Evaluation criteria	Qualifications: points max 60 Oral examination: points max 40		
Documents to be submitted	Thesis:	Points: max 10	- Upload the pdf file of the master thesis with the names of the supervisors and cosupervisors of the thesis. (Applicants waiting to be awarded the entrance qualification: those waiting to be awarded the entrance qualification by 30th September 2025 will submit a summary of the master thesis project (max. 4 pages) signed by the applicant and the supervisor).
	Curriculum:	Points: max 25	The curriculum must contain all detailed information regarding all the qualifications received with the date, name of the school, name of the qualification and evaluation in numbers respect to the maximum, eventual research grants and/or scholarships, awards and recognition obtained. Use the appropriate template for the Curriculum http://www.gest.unipd.it/it/ricerca/corsi-di-dottorato/ingegneria-meccatronica-e-dellinnovazione-meccanica-del-prodotto .
	Scientific publications:	Points: max 5	Publications must be already published or in press (that means already accepted). Please specify the editorial collocation (journal, proceeding or others and the journal indexing agencies: Scopus/ISI).
	Other documents:	Points: max 10	Two reference letters signed by two relevant experts from academy.
	Research project:	Points: max 10	Preparation of a proposal for a research project for the three years of the PhD by using the appropriate template (http://www.gest.unipd.it/it/ricerca/corsi-di-dottorato/ingegneria-meccatronica-e-dellinnovazione-meccanica-del-prodotto) clearly explaining the scientific and personal reasons for undertaking the specific research proposed and for

			choosing this specific PhD course. If you are applying for a specific research topic (“Tema Vincolato”), the proposed project must be related to that topic.
Publication of the results of the evaluation of the preselection	<p>Within 12 SEPTEMBER 2025 the evaluating Commission will publish the results of the evaluation of the qualifications in the following website: http://www.gest.unipd.it/it/ricerca/corsi-di-dottorato/ingegneria-meccatronica-e-dellinnovazione-meccanica-del-prodotto</p> <p>In order to be admitted to the examination, the candidate must get a score of at least 7/10 in the preselection.</p>		
Publication of the timetable of remote interviews and instructions on how to use the ZOOM video conferencing	<p>By 12 SEPTEMBER 2025 the commission will publish on the course website http://www.gest.unipd.it/it/ricerca/corsi-di-dottorato/ingegneria-meccatronica-e-dellinnovazione-meccanica-del-prodotto the timetable of the remote interviews and the instructions on how to use the ZOOM video conferencing for those applicants who have chosen in the application form to take the oral examination via remote interview and who have passed the preselection on the basis of the qualifications with a pass-mark of at least 7/10.</p>		
Oral examination	<p>16 SEPTEMBER 2025 09:30 - The exam may continue: 17 September - Sala riunioni (3° piano) - Dipartimento di Tecnica e Gestione dei Sistemi Industriali, stradella San Nicola 3 Vicenza</p>		
Language/s	<p>Foreign language/s assessment at the oral examination: At the oral examination the commission will assess the knowledge of the following language: English</p> <p>Admission exam: The admission exam will be taken in: Italian or English</p>		
Examination topics	<p>Presentation by the candidate of the research topic he/she proposes to develop during the PhD, supported by slides and images. This will be followed by a discussion on scientific topics relating to the line of research proposed by the doctoral candidate. Finally, motivational interview.</p>		
PhD Course Website:	https://orientamentodtg.gest.unipd.it/en/phd-program-in-mechatronics-and-product-innovation-engineering/		
Further information	<p>Department: TECNICA E GESTIONE DEI SISTEMI INDUSTRIALI - DTG Address: Via Stradella San Nicola - N. 3, 36100 Vicenza (VI) Contact person: Esposito Gaetana telephone: 00390444998715 e-mail: dottorato.dtg@unipd.it</p>		
How to apply	<p>The application must be submitted only via the online procedure available at: https://pica.cineca.it/unipd/dottorati41luglio The documents must be attached in pdf format. The application and the attached documents are submitted automatically by closing the online procedure,so no hard copy of the application and of the documents must be sent to the office.</p>		
Deadlines	<p>Publication of the ranking lists and enrollment from 24 September 2025 Beginning of PhD courses 1 November 2025</p>		
<p>The gross annual amount of the scholarship is 18,643.00 euros, in accordance with the amount set by the D.M. MUR n. 247 of 23/02/2022, equal to € 16,243.00 increased by an annual supplement quota of € 2,400.00</p>			