



ADMISSION TO DOCTORAL STUDIES

Session

September 2024

Field of doctoral studies: Mechanical Engineering

Doctoral supervisor: Teodorescu-Draghicescu Horatiu

TOPICS FOR THE ADMISSION TO DOCTORAL STUDIES

TOPIC 1: *Contributions to the study of composite structures with various applications*

Recommended bibliography:

1. P.K. Mallick – Fiber-Reinforced Composites: Materials, Manufacturing and Design, CRC Press, 2007, ISBN-13: 978-0-8493-4205-9
2. L. Tong, A.P. Mouritz, M.K. Bannister – 3D Fibre Reinforced Polymer Composites, Elsevier, 2002, ISBN 0-08-043938-1
3. D. Zenkert – The Handbook of Sandwich Construction, EMAS Publishing, 1997, ISBN 978-0-947817-96-1

Scientific Doctorate (full-time only)

Professional Doctorate – in the fields of Music and Science of sport and physical education (full-time or part-time)

without tuition fee (state budget funded)

with tuition fee or with funding from other sources than the state budget

TOPIC 2: *Contributions to the mechanics of fibre-reinforced composite materials*

Recommended bibliography:

1. P.K. Mallick – Fiber-Reinforced Composites: Materials, Manufacturing and Design, CRC Press, 2007, ISBN-13: 978-0-8493-4205-9
2. L. Tong, A.P. Mouritz, M.K. Bannister – 3D Fibre Reinforced Polymer Composites, Elsevier, 2002, ISBN 0-08-043938-1
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Doctoral supervisor,

Prof.Dr.Eng.Horatiu Teodorescu-Draghicescu

Signature

Coordinator of the field of doctoral studies,

Prof.Dr.Eng.Math.Sorin Vlase

Signature