| Institution                                  | Department  | Themes   | Prospective<br>supervisor                     | A number of PhD places                                    |                   |   |                   |  |                   |
|--|---|--|---|---|-------------------|---|-------------------|--|-------------------|
|  |   |  |   | PhD positions funded<br>by the Lithuanian<br>state budget |                   | PhD positions funded<br>by the EU structural<br>funds |                   | PhD positions funded by<br>PhD student's personal<br>finances or by the<br>companies, or both PhD<br>student's and companies |                   |
|  |   |  |   | Study mode  |                   | Study mode  |                   | Study mode   |                   |
|  |   |  |   | Full-time studies   | Part-time studies | Full-time studies                                     | Part-time studies | Full-time studies  | Part-time studies |
| Vilnius Gediminas<br>Technical<br>University | Automobile<br>Engineering                                       | Optimization of performance indicators influencing factors of compression-ignition engines, fuelled with second generation biodiesel and biogas mixtures                         | Assoc. Prof. Dr<br>Alfredas Rimkus            | 1   |                   |   | _                 | _  | _                 |
|  | Mobile Machinery<br>and Railway<br>Transport                    | Modelling and reduction methods of crushed<br>stone segregation used in transport<br>infrastructure during production and<br>transportation process                              | Prof. Dr Habil.<br>Henrikas<br>Sivilevičius   | 1   | -                 | -   | _                 | I  | I                 |
|  | Automobile<br>Engineering                                       | Research on ecological and energy indicators of animal-derived non-food fats and diverse blends of the first and second generation biodiesel in the compression-ignition engines | Assoc. Prof. Dr<br>Jonas Matijošius           | 1   | _                 | _   | _                 | 1  | 1                 |
|  | Roads   | Research and assessment of public transport influence on road safety   | Assoc. Prof. Dr<br>Vytautas Grigonis          | 1   | _                 | _   | _                 | -  | -                 |
|  | Mobile Machinery<br>and Railway<br>Transport                    | Large scale crew scheduling optimisation problem solutions using optimisation and simulations algorithms   | Prof. Dr Habil.<br>Marijonas<br>Bogdevičius   | _   | -                 | 1   | -                 | -  | -                 |
| Klaipėda<br>University                       | Marine<br>Engineering   | Investigation and optimization of the indicative process of transport diesel engine converted to work on natural gas   | Prof. Dr Habil.<br>Sergėjus<br>Lebedevas      | 1   | _                 | _   | _                 | _  | _                 |
| Aleksandras<br>Stulginskis<br>University     | Institute of Power<br>and Transport<br>Machinery<br>Engineering | Modeling and experimental research of the mobility an economic performances optimization of the trucks   | Assoc. Prof. Dr<br>Algirdas<br>Janulevičius   | 1   | _                 | _   | _                 | ı  | ı                 |
| Kaunas University of Technology              | Transport<br>Engineering  | Aerodynamic and structural investigation of a morphing wing  | Assoc. Prof. Dr<br>Vaidas<br>Lukoševičius     | 1   | -                 | -   | _                 | ı  | -                 |
|  | Transport<br>Engineering  | Influence of road coat disturbance for vehicle active safety   | Assoc. Prof. Dr<br>Vaidas<br>Lukoševičius     | 1   | _                 | -   | _                 | _  | _                 |
|  | Transport<br>Engineering  | Universal rocket target: design and research   | Prof. Dr Habil.<br>Algimantas<br>Fedaravičius | 1   | _                 | -   | _                 | _  | _                 |