



Intyg

Torbjørn Ludvigsen (890715-4499) has completed the project “Feasibility study of resin-based RepRap 3D printing in a CDIO¹ environment”. The project was conducted within the civil engineering programme in physics (Teknisk fysik) as a part of the course “Quality Project Work in Engineering Physics”, 3.0 hp. Within the project, Torbjørn has evaluated various methods for resin-based 3D printing and investigated related aspects for health and environment.

Torbjørn has also participated in the establishment of the open source laboratory environment for students, the CDIO lab. This lab contains e.g. 3D printers, and it has a range of open source hardware tools. It is being actively used in courses and it is maintained by a student organization. The lab has also been used by the department’s researchers for customizing research equipment. Torbjørn has also arranging workshops educating fellow students about RepRap 3D printing on his spare time.

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¹ CDIO – see www.cdio.org