

TTÜ KURESSAARE KOLLEDŽ
TEADUS- JA ARENDUSTEGEVUSE AASTAARUANNE 2013

1. Struktuur

TTÜ Kuressaare Kolledž, *Kuressaare College of Tallinn University of Technology*

direktor /*Director* **Anne Keerberg**

- Ettevõtluse ja humanitaarainete lektoraat, *Division of Business Management and the Humanities*
- Reaal- ja tehniliste ainete lektoraat, *Division of the Sciences and Technology*
- Turismi, toitlustuse ja teeninduse lektoraat, *Division of Tourism, Catering and Service*
- Õpperaamatukogu, *Library*
- Väikelaevaehituse kompetentsikeskus, *Small Craft Competence Centre*

2. Teadus- ja arendustegevuse (edaspidi T&A) iseloomustus

- R&D activities according to the Strategic Plan 2011-2015 of Kuressaare College:
 - Development of the Small Craft Competence Centre
 - Development of the competence in tourism industry
 - Contributing to the islands' socio-economic development
- Small Craft Competence Centre (SCC)
Head of SCC **Anni Hartikainen** (employment contract is suspended)
Acting Head of SCC **Jaanis Prii**

In 2011, the Small Craft Competence Centre was established as an R&D unit in Kuressaare College of TUT. The objective of the centre is to accumulate and develop engineering knowhow in the region and to transfer it to companies as well as to facilitate intersectoral cooperation. The fields of expertise of SCC are boat design, production technology and electronic systems. The centre also includes a unique in the Baltic region tank of 60 m length for testing boat models. Next to relevant equipment, the centre has a library to collect boat-building connected information. Intersectoral cooperation covers a variety of production spheres, educational establishments, public sector institutions as well as international cooperation with small craft building regions in other countries. SCC will reach its full capacity at the end of 2014. Further information: www.scc.ee.

In 2013, the project of developing the Small Craft Competence Centre continued. SCC launched research services to companies and arranged, in cooperation with Enterprise Estonia and the Association of Estonian Boatyards, an international seminar Challenges of Boating Industry in Europe during the Hanseboot International Boat Show in Hamburg on 31 Oct, where A. Hartikainen gave a presentation „Small craft building in Estonia: from rowing-boats to luxury yachts and modern workboats“. On 2 August, SCC arranged a visionary seminar of a small craft building sector, addressing the impact of developing small harbours on a small craft building sector in Estonia. Kuressaare College continued its participation in the ongoing TUT research project Smart Composites – Design and Manufacturing (2012-2014). The materials expert of SCC, M. Valgma is involved in the research process of the project together with three small craft building companies.