

## **Opinion of Supervisor for the thesis**

**Name and Surname of researcher : Deepali Dhruvanshi**

**Thesis topic: Thermo-physiological comfort analysis of traditional Indian clothing (Sarees)**

**Supervisor : doc. Ing. Antonín Havelka, CSc.**

### **Verbal evaluation of the thesis (at least four-line text):**

The aim of the diploma thesis was to test clothing comfort for various textile materials that are used for the production of traditional Indian women's clothing - Sari. The importance of this testing is underlined by two aspects ; firstly, the use of these traditional women's garments in the subtropical and tropical zones under very heat-intensive conditions, and secondly, a huge number of these garments, in India this garment is worn by about 3 million women .

**Difficulty of DP (1 - 10 points): 7 b.**

**Completion of DP assignment (1 - 10 points): 7 b.**

**Professional level DP (1 - 10b.): 9 b.**

### **Verbal assessment of DP (evaluation of the chosen procedure, formal level of elaboration including graphic works, logic and accuracy of expression...):**

The graduate carried out a relatively detailed search, both in the construction of saris and materials and in the possibilities of laboratory comfort testing. The graphic level of the work and the logical structure of the solution process are at a very good level. To evaluate clothing comfort, it basically used two main laboratory approaches and methodologies, ie the cup method for measuring the permeability of water vapor and testing the whole garment on a thermal mannequin. She then applied the procedures to a set of clothes and compared the results.

**Selected procedure (1 - 10b): 8 b.**

**Level of elaboration of BP (1 - 10b.): 8 b.**

**BP logic (1 - 10 points): 10 b.**

### **Verbal evaluation of the conclusion D P (evaluation of the factual correctness of the results, the contribution of D P in terms of theoretical and professional...):**

The thesis is at a very good level, an unprecedented 130 references are used, which is a complete exception for DP. The results are processed clearly and another solution is recommended. The results show a better application of natural materials, cotton, linen, silk.

**Accuracy of results (1 - 10 points): 8 b.**

**BP's contribution from the theoretical point of view (1 - 10 points): 10 b.**

**Contribution of BP from the professional point of view (1 - 10 points): 8 b.**

**Conclusion of BP (1 - 10 points): 10 b.**

**Specific comments on DP, errors and shortcomings:**

- the graphs have dimensions and markings only on the horizontal axis
- it would be appropriate to generally indicate prices of textile materials, compare the economy and quality
- the testing was the only on child manikin - how to interfere with satisfactory results?

**Total points:****85 b.**

<b>Excellent (1)</b> .....	<b>76 –100b.</b>
<b>Very good (2)</b> .....	<b>51 - 75b.</b>
<b>Good (3)</b> .....	<b>26 - 50b.</b>
<b>Failed (4)</b> .....	<b>0 - 25b.</b>

**Plagiarism control?**

With the help of the IS Stag system, no intentional copying of a foreign text and intentional unauthorized use of another person's work was pointed out.

The results of the inspection were < 5% in all cases found.

**Author's approach:**

<b>Fulfillment of the assignment</b>	<b>assignment points have been met</b>
<b>Statement to award the corresponding academic degree</b>	<b>I recommend the award of the title of Ing .</b>
<b>Recommendations for defense</b>	<b>I recommend the thesis for defense</b>

**Výsledná známka: výborně - excellent (1)****V Liberci dne 24.08.2020**

**doc. Ing. Antonín Havelka, CSc.**  
vedoucí práce