

**BIRLA INSTITUTE OF TECHNOLOGY & SCIENCE, PILANI**  
**SECOND SEMESTER 2019-20**

**DSE CL ZG628T DISSERTATION**

**Section I**

ID No. of Student : 2018AH04042  
Name of Student : NAGA KALYAN C S SARMA V  
Name of Supervisor : Venkata Krishna Tejasvi Sarraju  
Name of Examiner : Prof. Sankara Nayaki K  
Dissertation Title : Skin texture change detection for clinical trials

**Section II**

Comments on the dissertation work from Examiner and Supervisor (Select Y or N):

**1. Quantum of work**

- a. Justifiable as efforts for duration of work (16 weeks) ✓ Y / N  
b. Work is in line with the commitments made in outline ✓ Y / N

**2. Type of work**

- a. Client assignment Y / N  
b. Organization specific task Y / N  
c. General study project such as white paper ✓ Y / N  
d. Any other (kindly elaborate below in a line or two if Y) Y / N

**3. Nature of work**

- a. Routine in nature Y / N  
b. Involved creativity and rational thinking ✓ Y / N

Kindly elaborate below if answer for above is "Y"

Needs ability to compare and apply appropriate computer vision algorithms, even if some of these algorithms were not fundamentally designed for this specific use case.

**4. Evaluation methodology**

- a. Evaluation done based on presentation to supervisor and examiner Y / N  
b. Evaluation done through Viva conducted by supervisor and examiner Y / N  
c. Student regularly interacted with supervisor and incorporated ✓ Y / N



d. Brief description on the report submitted and quality of presentation

Y / N

The results produced within the available time frame have been quite impressive. I like the fact that this is an end-to-end "operational" solution in cloud, rather than being just a local pilot version. This solution certainly has a potential for wide acceptance in the area of cosmetic clinical trials. Good work!!

### 5. Final evaluation matrix

Tick the appropriate box (1 is lowest and 5 is the highest)

Dimension	Rank ->	1	2	3	4	5
<b>Student abilities in general</b>						
Understanding of the subject of dissertation						5
Creative thinking ability to come up with new ideas						5
<b>Viva / Seminar presentation Communication ability</b>						
Organization of material						5
Response to review questions					4	
Cohesive thinking ability					4	
<b>Report submitted</b>						
Report structure and format						5
Technical content of the report					4	
Explanation on the significance of the assignment						5
Analysis of alternative approaches					4	
Recommendation and suggestions						5
Discussion on benefits and limitations						5

Any other comments: Keep innovating!!

(Prof. Sankara Nayaki K)

S.V.K. Tejasvi  
(Venkata Krishna Tejasvi Sarraju)

Date: 09/01/2021

Signature of examiner(s)

Signature of Supervisor