**Indian Institute of Information Technology (IIIT) Chittoor, Sricity Questionnaire for BTP-Progress Evaluation**

**Wednesdays, 3:30 – 5pm**

**Spring 2016**

**Online Handwritten Symbol Recognition**

**-Naveen Thella**

1. Describe what you have done in the last 3 weeks.

I came to the outline of the project what it has to be done and my guide has provided me some few papers based on Online Handwritten symbol recognition.on 25th Jan in the BTP meeting slot sir has provided me material on Moments and Moments Inavarience in Pattern Recognition.I read that material and has discussed on the topics in the next slot.I read about InkML tool and how it is going to used in my project.

2. How many times did you meet / talk with your faculty / guide?

I had been meeting Dr.Viswanath on every Monday(3.30 PM) and Thursday(4.00 PM)

3. How many papers / articles / technical materials have you read in the last 3 weeks?

I have gone through the base papers for my project that are suggested by my guide.Worked on reading Moment Invariants and their Applications in Image Analysis.

4. Provide a brief summary of your learning?

I have gone through some base papers that are provided by my guide.I completed reading the first,second & third chapters from the book “Moment and Moment Invarients in Pattern Recognition” which was suggested from my guide.I have read about Zernike Moments & Centered Contour Distance.

5. What development / programming / practical activity did you do in the last 3 weeks.

There is no programming as of now in this project.

6. How close/far are you from the milestone set by your Guide?

My Guide is providing me Good papers and material in exploring the knowledge.

7. What specific challenges are you facing/you faced in the last 3 weeks?

I have small problem in installing and using Inkml tool,which is used to recognise the character that has been given as the input.

8. Propose your plan for the next 3 weeks; as agreed with your supervisor. It would be verified in the next round (Q1).

I need to know the concepts and the approach to implement how to extract feature vector from co-ordinates and some inavarience properties.