



**Ms. Jyoti Nimbhorkar
Stood 2nd in
BEQET - NCQM Awards
Competition
held on 28th January 2017
at National Center for Quality Management
Vikhroli West Mumbai**



Ms. Jyoti Nimbhorkar



BEQET Award 2016 ceremony

Date: February 18,2017

Venue: Hall of Harmony, Nehru Centre, Worli, Mumbai 400018

Second Prize Winner: BON Bosco Institute of Technology, Kurla (w), Mumbai

Optimization of number of pages in Answer Book to reduce the wastage, thereby deforestation

1. Project Area: Reduction of Paper Wastage.

2. Project Motivation: During the Assessment process, there used to be discussion among the faculties regarding the wastages of unused answer sheet in the Main Answer Book. We decided to analyse this issue and come out with acceptable solution to reduce the wastage.

3. Observation

Best students use 27 pages for college exam. DBIT provides main answersheet of 40 pages. Average minimum 13 pages have to be discarded after evaluation.

Exercise was undertaken to optimize number of pages in the main answerbook.

4. Experimenting Solutions:

Result of implementation of Main supplement as Pages 30 + supplement is of 4 pages

It is expected that student may not require any supplement.

5. Project Closure:

	Target Benefits	Achived Benefits
Tangible	Finacial savings on the cost of paper. Expected Saving	Saving due to reduction in paper usage = INR 72,000 per annum
Intangible	Expected Trees saved = 8.6 trees every year	Actual Tress saved = 8.6

6. Enlarging Application

Based on the data collected for the First Year Engineering (FE) and Final Year Engineering (BE), if similar model is applied. Following could be the extent of savings:

	Target Benefits
Tangible	Finacial savings on the cost of paper. Expected Saving= 7,21,000Rs
	Expected saving of papers = 18,04,000 sheets of papers
Intangible	Expected Trees saved = 216 trees every year

