

## **Best Practice 1:**

### **Software for generation of question paper from the structured question bank for Academy examination**

#### **Objective**

- To generate question paper on the day of examination to have transparency and minimal human intervention in the process
- To avoid repetition of questions in consecutive examinations, enhance objectivity, maintained the standard of the question paper in the examination system

#### **Context and Practice**

Subjectivity in evaluation process has been the serious concern on account of the inconsistency in the process of generating question paper. The nature of the questions should be objective and representative of the entire syllabus to make the evaluation meaningful. Keeping these in mind the Academy has conducted workshops on the art of setting question paper. This has improved the approach of the faculty in setting the question paper. However, a foolproof mechanism to generate question paper is lacking and this would lead to the question paper setters repeating the questions frequently.

To circumvent these limitations the Academy has decided to create a validated structured question paper bank with desired difficulty levels and weightage as per the syllabus for a particular course. Legends and codes were used to give appropriate weightage for each topic/chapter wise.

Software has been developed based on the blue print for the question paper to be generated; the software generates a question paper for the course concerned.

To have the transparency in the process, the question paper is generated 30minuts prior to the examination. Since the questions are structured and validated there is no need for further scrutiny of the question paper which makes the process highly secure. Feedback was taken from the students and external examiner on the appropriateness and relevance in the questions.

### **Evidence of success**

- Transparency in the assessment
- Positive feedback from student and examiner
- Improvement in the quality of question paper

### **Problem encountered and resources required**

- Periodic update to supplement/enrich the question bank
- Software to accommodate additional features.
- Academy is updating the software which would enable controlled access to the relevant stakeholders to enrich the question bank

## **Best Practice 2:**

### **The Department of the year award faculty wise**

#### **Objective:**

To inculcate the competitive spirit among the faculties of studies

#### **Context and Practice:**

The Academy has two faculty of studies namely Faculty of Medicine and Faculty of Allied Health and Basic Sciences (AH& BS). While considering the departments for their performance the Academy did not considered the distinctiveness of these two faculties of studies resulting in the faculty of AH & BS affected in the selection process. To circumvent this, the Academy decided to identify the departments of the years separately from these two faculties of studies.

At the end of each academic year the departments are advised to submit the achievements and contributions in the prescribed format from both the faculties of studies. These include research publication, CME/ workshop activity and other relevant contributions. The data is analyzed by the respective committee and prepare a merit list for submission to the Vice chancellor and he based on the report submitted by the committee shortlist the award winning department of the year. Department of the year is awarded given during Independence Day celebration on August 15.

The Department of the Year award under the faculty of medicine was granted to Department of Orthopedics and Department of the year under the faculty of Allied Health and Basic Sciences was granted to Molecular Genetics and cell biology



**Evidence of Success:**

- Improvement in participation of teaching staff in faculty development programs, Workshops, CME, Conferences.
- Improvement in the number and the quality of publications.

**Problem encountered and resource required:**

- Constrains on attracting / generating extra mural research funding due to government administrative policies-delay in awarding Scientific and Industrial Research Organization (SIRO) status by DSIR to the Academy.
- To resolve this, the Academy has increased allocation of funds for research. Further it also has signed MOU with other academic institutes to expand collaborative research activities