



સત્યમેવ જયતે  
Govt. of Gujarat

# **BLUE-PRINT FOR** **CRASH WORKSHOP - 2010**



## ***Prelude:***

Skilled manpower is certainly one of the key drivers to knowledge-based industry and Biotech Industry is indeed a Knowledge based Industry. The state Government of Gujarat has a strong cognition of the same and the same is reflected through various policy initiatives like the Industrial Policy and Human Resource Development programmes of this office. The earlier experiences of this office have been quite encouraging and have led us to the conviction that training of candidates does help them prepare & fare better in various competitive examinations at national level. However, training selected candidates at a central place limited the number of candidates receiving training as also the number of such training programmes that can be conducted by the central secretariat. In the light of these facts, it has now been conceptualized that cells be made operational in each region thus, enabling local representation of the candidates and more number of training programmes or batches every year.

## ***Strategic Planning:***

The strategic planning for the current academic year and for the future academic years shall vary. Hence, the same has been elaborated separately here-further:

### ***Strategy for 2010 Aspirants:***

As also indicated in the White Paper, a couple of centres shall be identified through-out the state, to develop **Capacity Building Cells in Biotechnology [BT-CBC]** for the current academic year, to help out the 2010 Aspirants. Each of these identified cells shall conduct a week-long 'CRASH Workshop' to benefit the 2010 Aspirants of their region, sometime during April, 2010 Week III to May, 2010 Week II. The details for the Week-long workshop is elaborated later, in this Blue-Print itself.

While, there is very little time for planning and conducting the 'CRASH WORKSHOP' for 2010 Aspirants, there could be some time for the future aspirants. Hence, it would be apt to put into operations the Strategic Roll out for 2010 Aspirants immediately and put the later on hold for a little while.

## ***CRASH 2010:***

The workshop is envisaged to be a residential training enabling ample time for the trainers with the candidates.

**Trainer:** The proposed Crash Workshop is for preparing candidates for National Competitive Examinations for Admission to Post-Graduate Courses of learning. Hence, it is applicable especially, to candidates currently studying/passing T. Y. B. Sc. & competing for various examinations for admission to Post-Graduate courses. Hence, generally, UG departments/colleges have 'burning desire' to conduct such workshops since, most of their students are appearing in such National Competitive examinations and their success brings laurels & credibility to the College.

**Training and Pedagogy:** Most of the national competitive examinations test the candidates in two distinct terms:

1. The understanding of the candidates in various science subjects: Physics, Chemistry, Mathematics/Biology, Computer Sciences at 10 + 2 level [referred to as 'Part A', hereafter] and
2. Competence of the candidate as required of Bachelor's level thinking and analysis [referred to as 'Part B', hereafter]

The questions from Part A, most often are posed in the form of Multiple choice questions [MCQ] and are conceptual in nature; those for Part B could be of MCQ or subjective type and be logical or analytical in nature. It would hence, be desirable that the pedagogy be so that the candidates become confident at answering at both of these parts. It is also suggested that mock tests, drills, preparations for group discussions, interviews, etc. be included. Use of LCD projection can save time thus, helping to address more number of aspects in given slots of time.

**Structure of the Workshop:** A suggested structure is appended as Annexure I along with this Blue-Print.

**Panel of Experts:** Some experts have been involved with teaching at similar forums, according to the information with this office. Their expertise and good will may be used for the training the aspirants at the said workshop. An indicative list of the experts is given vide Annexure II. It is also proposed to update this list periodically to include more experts. Generally, no faculty should be allowed to take

more than two lectures per day and not more than 2 days of the Crash Workshop, to avoid monotony setting in the Workshop. For any special cases, if the coordinator deems so, he may take a special permission for the same from this office citing appropriate reasons/justification.

**Selection of Candidates:** The identified cells shall invite applications from students studying currently in the final year of graduation of various colleges falling within their area. Each cell is expected to train at least 60 candidates, in total. Out of the total candidates, at least 30 students shall belong to other colleges, with a good representation from **ALL** of the other colleges in the nearby area. The identified cells shall need to follow a transparent un-biased mechanism for selection of candidates for the said Workshop on the basis of merit and the cells are encouraged to set practices like Admission test (for the workshop), interview, or any such practise testing the orientation of the candidate for National Competitive Examination.

**Logistics:** This shall require the cell to arrange for decent accommodation facility, separately for male and female students for the period of training with adequate faculty/warden for supervision/assistance (ideally, with a ratio of 1: 30-35); as also lodging facility for students and faculty.

**Please note that this document is open for revisions and corrections, if any, deemed necessary by this office.**

## Annexure I:

Program Structure:

Time/ Day	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6
8:00		Lecture	Lecture	Lecture	Lecture	Lecture
8:30						
9:00	Inaugral Function					
9:30		Lecture	Lecture	Lecture	Lecture	Lecture
10:00	Tea Break					
10:30	Lecture	Tea Break				
11:00		Lecture	Lecture	Lecture	Lecture	Lecture
11:30	Lecture					
12:00		Lecture	Lecture	Lecture	Lecture	Lecture
12:30	Lecture					
13:00		Lunch Break				
13:30	Lunch Break					
14:00	Lecture	Mock Test				
14:30						
15:00	Lecture	Lecture	Lecture	Lecture	Lecture	Lecture
15:30						
16:00	Lecture	Lecture	Lecture	Lecture	Lecture	Lecture
16:30						
17:00	Break	Break	Break	Break	Break	Break
17:30	Lecture	Lecture	Lecture	Lecture	Lecture	Lecture
18:00						
18:30	Lecture	Lecture	Lecture	Lecture	Lecture	Lecture
19:00						
19:30	Lecture	Lecture	Lecture	Lecture	Lecture	Valedictory Function
20:00						

It is expected that all the relevant subjects be discussed through the lectures and the pedagogy during the workshop be such to aid the aspirants to crack the competitive examinations better.

## Annexure II:

Indicative List of Experts:

This office, through earlier experiences or through any other information has the following list of experts and the same may be handy to the regional centres for conducting the workshops.

- Prof. Kiran Kalia      Kirankalia\_in@yahoo.com
- Dr. Archana Gayatri      garchana@india.com
- Prof. Naresh Kumar      gnaresh\_k@yahoo.co.in
- Ms. Smita Trivedi      smitatrivedi@gmail.com
- Kundan Kr. Mishra      kkmbt@yahoo.co.in
- Amit Ballani      amitballani@gmail.com
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- Prof. Sameer Dalvi      sameervd@iitgn.ac.in
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