

MINUTES OF THE 29TH MEETING OF THE SCHOOL BOARD OF THE SCHOOL OF SCIENCES HELD ON OCTOBER 13, 2004 AT 11.00 A.M. IN THE COMMITTEE ROOM OF THE SCHOOL OF SCIENCES, IGNOU, MAIDAN GARHI, NEW DELHI 110068

The following members were present:

1. Prof. S.S. Hasan, Director (SOS) - Chairman
2. Prof. B.S. Yadava
3. Prof. S.N. Tandon
4. Prof. A.K. Bhatnagar
5. Prof. S. Sri Bala
6. Prof. Jawarimal Parakh
7. Prof. Parvin Sinclair
8. Prof. S. Kannan
9. Prof. Vijayshri
10. Prof. Sunita Malhotra
11. Dr. Gayatri Kansal
12. Dr. Swadesh Taneja
13. Dr. Poornima Mittal
14. Dr. Neera Kapoor
15. Dr. J.A. Farooqi

SB
29th
Mmt

Prof. V.K. Tripathi, Prof. Devesh Kishore, Prof. M.C. Sharma and Dr. Shubha M. Gokhale could not attend the meeting.

Thereafter, the following items on the agenda were deliberated upon:

Item No. 1: To confirm the Minutes of the 28th Meeting of the School Board of School of Sciences held on June 15, 2004 at 11.00 a.m.

29.1.1 The Board was informed that the minutes of the 28th Meeting of the School of Sciences were circulated to all members vide letters No. IG/SOS/SB-28/2004 dated June 18, 2004. Comments were received from one member. It was decided to delete the word **similar** from Item No. 28.8.2 which will now be read as "It was suggested that the syllabi of all the courses of this programme may be sent to the University of Delhi, Bombay University, Madras University, Calcutta University and all the IITs to seek their views on the suitability of the content and level of the courses as well as its nomenclature as compared with other Master's Degree Programmes in Mathematics being offered by the Institutions."

29.1.2 Thereafter, the minutes of the 28th meeting of the School Board of School of Sciences were confirmed.

Item No. 2 Reporting Items:

29.2.1 It was reported by the Director (SOS) that the School of Agriculture Sciences is shortly being started in IGNOU. Therefore, the item Nos. 5 and 6 falling in the purview of the School of Agriculture Sciences were withdrawn.

Item No.3: To consider and approve Phase-III form for the "Master in Mathematics with Applications" (MMA) Programme

29.3.1 The Phase-III form for the "Master in Mathematics with Applications" (MMA) Programme was placed before the School Board for its consideration.

29.3.2 After discussion at length, the Phase-III form for the "Master in Mathematics with Applications" (MMA) Programme was approved. However, Prof. Vijayshri desired that her dissent be recorded.

Item No.4: To approve the syllabus of the Application Oriented Course- Environmental Chemistry (AEC-01)

29.4.1 The Phase Zero form of the AOC "Environmental Chemistry" was placed before the School Board for consideration.

29.4.2 The School Board approved the Phase Zero form of the AOC "Environmental Chemistry". The experts made the following suggestions to be incorporated at the appropriate stage:

1. The content on Meteorological Aspects of Air Pollution (Unit 8), Industrial Effluents (Unit 11) and analytical methods (Units 16-19) can be reduced. The aspects of industry - specific effluents need not be discussed in a detailed way.
2. The following topics may be dealt with in a brief manner:
 - a) Metal speciation – Its significance, method used for metal speciation and case study.
 - b) Reliability of environmental data – Accuracy, precision, significant figures, criteria for rejection of data, method of checking accuracy and method for minimising errors.
 - c) A brief discussion needs to be given on the following topics: Radioactive pollution, environmental impact assessment, biosafety (DNA and protein studies), heavy metal studies, environmental laws, international conventions and WHO guidelines.
3. In Unit 7, the topics on ozone layer depletion are given in an elaborate manner. Instead of these titles, a topic can be

introduced on the causes and effect of ozone layer depletion, climatic change and biogeochemical cycling.

4. The title, Classical Techniques (Unit 16), needs to be changed as non-instrumental method.
5. The list of experiments may be restricted to the following:
 - a) Hardness
 - b) BOD, COD
 - c) Baterial count
 - d) Dissolved oxygen
 - e) Salinity
 - f) Soluble nitrates
 - g) Soil pH
 - h) N, P
 - i) SO₂
 - j) CO₂, NO_x
 - k) Pesticides detection
 - l) Separation

Item No.5: To approve the Phase-I Form for the “Diploma Programme in Dairy Technology”

29.5.1 The item was withdrawn as reported in Item No.2.

Item No.6: To approve the Phase-I Form for the “Diploma Programme in Meat Technology”

29.6.1 The item was withdrawn as reported in Item No.2.

Item No.7: To approve the name of Evaluator for PHE-1, 2, 4, 5, 7, 11, 14, 03(L), 12(L).

29.7.1 The Board approved the name of Evaluator for PHE-1, 2, 4, 5, 7, 11, 14, 03(L), 12(L).

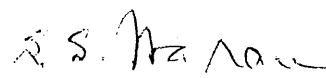
Item No.8: Any other items:

29.8.1 The list of the additional list of moderators and paper setters for the courses MTE-03 and MTE-12 was placed before the Board. The Board approved the additional list of moderators and paper setters for the courses MTE-03 and MTE-12.

29.8.2 The list of the paper setters for FST-01 was placed before the Board. The Board approved the list of paper setters for the course FST-01.

- 29.8.3 Names of five evaluators for FST-01 were suggested by members of the School Board. The Board approved the names of evaluators for FST-01 appended at Annexure-1.
- 29.8.4 The Phase-I form for the ***P.G. Diploma in Agrochemicals and Pest Management*** was placed before the School Board for its approval. The School Board considered the Phase-I form and approved the same.

The meeting ended with a vote of thanks to the Chair.


(CHAIRMAN)