

Minutes of the Ninth School Board Meeting of the School of Sciences held on 21.12.93 in the Conference Room, Block-8, Maidan Garhi.

The following members were present

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| 1. | Prof. R.K. Bose, Director
School of Sciences | Chairman |
| 2. | Prof. R.N. Kapil
Dept. of Botany
University of Delhi
Delhi | Member |
| 3. | Prof. M. Nagaraj
Dept. of Math
Bangalore University
Bangalore | Member |
| 4. | Prof. M.M. Pant,
Director, School of Computer and
Information Sciences | Member |
| 5. | Dr. S. Maji
Reader, School of Engineering & Technology | Member |
| 6. | Dr. Santosh Panda
Reader, STRIDE | Member |
| 7. | Prof. S.C. Garg
Professor in Physics, SOS | Member |
| 8. | Prof. B.S. Saraswat
Professor in Chemistry, SOS | Member |
| 9. | Dr. S. Kannan
Reader in Chemistry, SOS | Member |
| 10. | Dr. V. Veera Raghavan
Reader in Life Sciences, SOS | Member |
| 11. | Dr. Parvin Sinclair
Reader in Mathematics, SOS | Member |
| 12. | Dr. Shubha Gupta
Lecturer in Physics, SOS | Member |

Prof. A.S. Nigvekar, Prof. B.L. Khandelwal and Prof. (Col.) P.K. Dutta could not attend the meeting.

At the outset, the Chairman of the School Board, School of Sciences, welcomed all the members present. This was followed by a short introduction to IGNOU by Prof. H.F. Dikshit, Pro-Vice-Chancellor (Academic) for the benefit of non-IGNOU members of the School Board.

After this he took up the agenda items for consideration.

Item No.1: To confirm the minutes of the eighth meeting of the School Board held on 6th April, 1991.

9.1.1: A member of the School Board raised some questions regarding Item No.3 (ii):

The upgrading of the course Laboratory-III (PHE-12) from 2 credits to 4 credits as suggested by the Physics Expert Committee.

The Chairman was authorised to look into the matter and to do the needful. It is noted that this recommendation was given by the Physics Expert Committee which met in 1988. Hence, B.S.C. is in order. With this the minutes were confirmed.

Item No.2: To recommend to the Vice-Chancellor the names of paper setters and moderators for III level Physics courses (Optics (PHE-09), Electrical Circuits and Electronics (PHE-10) and Modern Physics (PHE-11)).

9.2.1: The names of paper setters and moderators for IIIrd level physics courses were approved.

Item No.3: To approve the syllabi of the courses (CHE-11(L) and CHE-12(L))

9.3.1 The syllabi of CHE-11(L) and CHE-12(L) were approved.

Item No.4: To recommend to the Vice-Chancellor the names of paper setters, moderators and evaluators for IIIrd level Life Sciences courses.

9.4.1: It was suggested that for LSE-05 (Physiology) separate lists for Block-I & II and Block-III & IV be prepared from the list submitted. Also, in-house faculty members were requested to have a second look at the list and make necessary changes if deemed desirable. For LSE-07 (Taxonomy and Evolution) names of in-house faculty members in the list of moderators have to be incorporated as these have not been included in the list submitted. The Chairman is authorised to incorporate these changes. These changes have been made.

Item No.5: To recommend to the Vice-Chancellor the names of course writers for Plant Diversity-I and editor for Animal Diversity-I.

9.5.1:

The names of course writers for Plant Diversity-I and the name of the editor for Animal Diversity-I were approved.

Item No.6:

To consider and approve the change in course code of the service course "Mathematical Methods" from MTE-03 to LCM-1, which can be considered as an elective for Life Sciences and Chemistry.

9.6.1:

It was felt that introduction of a new course code LCM/LCE may create administrative problems and this matter may be discussed in the School.

It was agreed that MTE-03 should be considered as a Life Science elective as well as a Chemistry elective.

Item No.7:

To consider and approve the inclusion of CHE-09 (Biochemistry) as an elective in Life Sciences.

9.7.1:

The inclusion of CHE-09 (Biochemistry) as an elective in Life Sciences was approved. This course CHE-09 will be included in the list of electives of Life Sciences as well as Chemistry, but a student can get credit for one discipline only.

Item No.8:

To recommend to the Vice-chancellor the names\additional names of paper setters, moderators and evaluators for Calculus (MTE-01), Linear Algebra (MTE-02), Mathematical Methods (MTE-03), Elementary Algebra (MTE-04), Analytical Geometry (MTE-05), Abstract Algebra (MTE-06), Advanced Calculus (MTE-07), Differential Equations (MTE-08), Real Analysis (MTE-09) and Linear Programming (MTE-12)

9.8.1:

The names\additional names of paper setters, moderators and evaluators for the above mentioned Mathematics courses were approved after inclusion of in-house faculty in the list of moderators in MTE-12.

Item No.9:

To approve the change in the title of the application oriented course "Teaching of Mathematics" to "Teaching of Primary School Mathematics".

9.9.1:

The change in the title of the application oriented course from "Teaching of Mathematics" to "Teaching of Primary School Mathematics" was approved.

A member wanted to know the status of the Certificate Programme in Teaching of Mathematics. The Chairman informed the board that an expert committee to design the curriculum of the programme would be meeting in February 1994.

Item No.10:

To consider and approve the altering of the global tutor comments sheet for science courses: deletion of the portion in which content and presentation are graded.

9.10.1:

The consideration of this was deferred with the following suggestion:

It was felt that this portion needs alteration with relevant matter in place of what is there at present. A sub-committee of the School Board consisting of the following members was constituted to look into this and give their recommendations concerning this by the end of March, 1994.

Dr. Parvin Sinclair	Convener
Dr. S.K. Panda	Member
Dr. S. Kannan	Member
Dr. V.V. Raghavan	Member
Dr. Shubha Gupta	Member

Item No.11

To recommend the augmentation and strengthening of facilities at study centres

9.11.1:

The consideration of this was deferred as further relevant details and concrete recommendation are needed.

Item No.12:

Any other item with the permission of the Chair.

Item No.12.1:

To consider the recommendations of the School of Sciences for appointing and orienting academic counsellors - action taken regarding 8.8.1.

9.12.1:

Consideration of this was deferred to the next meeting of the School Board.

Item No.12.2:

Additional names of course writers for CHE-12(L) - Reporting on action taken on 8.10.1.

9.12.2:

Additional names of course writers for CHE-12(L) (already approved by the Vice-Chancellor) were presented, as desired by the School Board in the last meeting held in April, 1993.

Item No.12.3:

Internal and/or external examiners for B.Sc. Laboratory courses for Evaluation of Assigned Experiments - submitted for ratification.

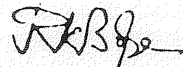
9.12.3: It was suggested that suitable alternative arrangement for deputing oriented academic counsellors be made when oriented academic counsellors are not available in a study centre where laboratory course will be conducted for evaluation of assigned experiments. It was also suggested that the Evaluation Division can take up this matter with RSD regarding details.

Item No.12.4: Co-option of one faculty member from Life Sciences, a botanist, to the School Board of the School of Sciences.

9.12.4: The School Board strongly recommended that one faculty member from Life Sciences, a botanist, should be co-opted to the School Board. The Chairman is authorised to seek the permission from the V.C. regarding this.

Item No.12.5: Approval of the agenda items of the School Board Meeting.

9.12.5: The members unanimously felt that the previous practice of the chairperson of the School Board preparing and approving the agenda items for the School Board Meeting be adhered to. *No mention of the letter to be written by the Chairman to VC*
The meeting ended with a vote of thanks to the Chair.



(R.K. ROSE)

Chairman

School Board, School of Sciences

