

MINUTES OF THE 36TH MEETING OF THE SCHOOL BOARD OF THE SCHOOL OF SCIENCES HELD ON 23RD NOVEMBER, 2007

The following members were present:

1. Prof. Sunita Malhotra, Chairperson
2. Prof. A.K. Agarwal, SOHS, IGNOU
3. Prof. Vijayshri. SOS, IGNOU
4. Prof. Poornima Mital, SOS, IGNOU
5. Prof. Sujatha Varma, SOS, IGNOU
6. Prof. Neera Kapoor, SOS, IGNOU
7. Dr. Lalita S. Kumar, SOS, IGNOU
8. Dr. Subhalakshmi Lamba, SOS, IGNOU
9. Dr. Jaswant Sokhi, SOS, IGNOU
10. Dr. Pushplata Tripathi, SOS, IGNOU

Prof. A.R. Khan, Prof. S.C. Garg, Dr. Sanjay Mishra and Dr. M.K. Bhardwaj could not attend the meeting.

The meeting began with the Chairperson welcoming all the members. Thereafter, the following items on the agenda were deliberated upon:

ITEM NO. 1: CONFIRMATION OF THE MINUTES OF THE 35TH MEETING OF THE SCHOOL BOARD OF THE SCHOOL OF SCIENCES HELD ON 10TH APRIL, 2007 AND TO NOTE THE ACTION TAKEN THEREOF.

36.1.1 The comments were received from Prof. S.C. Garg and Prof. Vijayshri. These comments were placed before the members.

36.1.2 In respect of the first comment raised by Prof. S.C. Garg and Prof. Vijayshri, on the minutes of the 35th meeting of the School Board of the School of Sciences, the members decided the following:

Regarding 35.1.1, the members agreed the following:

- i) The second para, "The members to be is recorded" is to be replaced by "The members agreed that the point raised by Prof. S.C. Garg was technically correct. However, the Statutes and Ordinances on the School Board are silent on the adjourned meeting and the Board should decide rules to conduct itself." The Board allowed the meeting held on 27th February, 2007 to be treated as concluded.
- ii) In respect of the second comment raised by Prof. S.C. Garg, on the recording in 34.4.2 of the minutes which was "The Board recommended that the courses following rationale"; instead of the word "recommended", "decided" is to be recorded.

36.1.3 In respect of Item no. 4 of 35th meeting of the School Board, the Board accepted the recommendations of the Physics Expert Committee and in the recording of 35.4.2

"The members **noted** the recommendations" should be replaced by "The members **accepted** the recommendations".

36.1.4 In respect of Item no. 7 of 35th meeting of the School Board, the following should be recorded instead of 35.7.1 (iv):

"Further, it should be ensured that the necessary software, hardware and academic support staff are available."

36.1.5 In respect of Item no. 9 of 35th meeting of the School Board, for the enrolment in Ph.D in Physics, the following qualifications which are also in consonance with the University policy, were approved.

- a) Candidates having M.Phil. degree
- b) Teachers working in a college/research institution and having minimum five years teaching/research experience.

Thus, in 35.9.1, the recording, "The board recommended clearly mentioned" should be read as replaced by the above criteria for enrolment in Ph.D Physics programme.

36.1.6 With these changes/observations, the minutes were confirmed.

36.1.7 The Board considered the Action Taken Report on the minutes of the 35th meeting of the School Board and recommended the corresponding changes in the light of above modifications in the minutes be incorporated in the Action Taken Report. The Action Taken Report as modified, is also enclosed alongwith the minutes.

ITEM NO. 2: MATTERS ARISING FROM THE MINUTES

36.2.1 There were no matters arising from the minutes.

ITEM NO. 3: REPORTING ITEMS

36.3.1 The Chairperson shared the following with the members:

- (i) The course code of MED-009 of the Post Graduate Diploma in Environment and Sustainable Development (PGDESD) Programme has been changed to MED-003.

The ACSC has approved the change. The same has been communicated by the School to RSD and SR&ED also. The relevant changes have been done in the PGDESD programme guide. The same has also been shared with the members of the School Council of the School of Sciences.

- (ii) Regarding the norms for the appointment of the external examiners for the laboratory courses, the norms approved by ACSC were shared in the School Board and it was also reported that the same have been shared in the School Council of the School.

The Director, RSD has been requested to give the updated list of the counsellors of B.Sc and CPLT programmes. The discipline groups have already been requested to finalise the names for the external examiners from the list made available by the RSD and submit the same for the approval of the School Board.

ITEM NO. 4: TO CONSIDER AND APPROVE THE NAMES OF THE EXTERNAL MEMBERS TO BE CO-OPTED TO THE SCHOOL BOARD.

36.4.1 The item was placed before the School Board. The chairperson explained that the following co-opted members of the School Board of School of Sciences, nominated under Clause (2) (e) of Statute 10 A of the Statutes of the University, have completed their term of office on 18th October, 2007:

1. Prof. S. Ramachandran
2. Prof. V.B. Bhatia
3. Prof. S. Kumaresan
4. Prof. N.K. Jha
5. Prof. Satya Deo Tripathi

Thus, new members are to be co-opted. The following names of the external members to be co-opted, as suggested by the different disciplines, were placed for the consideration of the Board:

Chemistry Discipline

1. Prof. S.P. Singh (Retd.)
Kurukshetra University
Kurukshetra,
Haryana – 136119
2. Prof. S. Kannan
University of Manipal
Manipal

Life Sciences Discipline

1. Prof. K. Murlidhar
Department of Zoology
University of Delhi
Delhi 110007
2. Prof. Ashok Bhatnagar
Department of Botany
University of Delhi
Delhi 110007

Mathematics Disciplines

1. Prof. Adimurthi
TIFR Centre
P.O. Box No. 1234
IISc. Campus
Bangalore – 560012
2. Prof. R. Balasubramanian
The Institute of Mathematical Sciences
C.I.T. Campus,
Taramani
Chennai – 600113
3. Prof. Sudesh Kaur Khanduja
Panjab University
Sector – 14,
Chandigarh – 160014

Physics Discipline

1. Prof. G.P. Singh
Department of Physics
IIT Roorkee
2. Prof. R.P. Tandon
Department of Physics and Astrophysics
University of Delhi
Delhi 110007

Under the General Category

1. Prof. C.K. Varshney (Retd.)
Former Dean
(School of Environmental Sciences, JNU)
88, Vaishali, Pitampura,
Delhi-110088
2. Dr. Prathibha Jolly
Principal,
Miranda House
University of Delhi, Delhi

The Board considered the above names and co-opted the following members:

1. Prof. S.P. Singh (Retd.)
2. Prof. K. Murlidhar
3. Prof. Adimurthi
4. Prof. G.P. Singh
5. Prof. C.K. Varshney (Retd.)

ITEM NO. 5: TO CONSIDER AND APPROVE THE REVISED PHASE-3 FORM FOR THE DIPLOMA PROGRAMME IN APPLICATIONS OF RENEWABLE ENERGY SYSTEMS.

36.5.1

The Phase-3 form was placed for the consideration of the members of the School Board. Prof. Vijayshri was requested to initiate the discussion about the Phase-3 form for the Diploma Programme in Applications of Renewable Energy Systems. She explained that the Phase-3 form is being resubmitted after including the changes in the light of the University policy of continuous assessment which forms a part of every programme and a 30% weight-age has been proposed for the same in this programme also.

She also mentioned that the new launch date for the programme would be July, 2010 i.e., 6 months more time, as mentioned in the previous schedule. Accordingly, the finalization of the list of the Study Centres/ Work Centres would be done by January, 2009 i.e., again a 6 months additional time, as mentioned in the earlier schedule.

There was a detailed discussion about the fee structure of this programme and after deliberation, it was approved that the proposed fee of Rs. 1900 + 100 = Rs. 2000, can be charged for the students of the NEP region and a specific mention of the same may be made in point 20 of the Phase-3 form. Similarly, in Point 1 in the programme title also, the name of the programme be modified as 'Diploma Programme in Applications of Renewable Energy Systems (for NEP)'.

36.5.2

With these modifications, the Phase-3 form was approved (as given in Appendix I).

ITEM NO. 6: TO CONSIDER AND APPROVE THE REVIEW OF THE IGNOU-HRI INTEGRATED DOCTORAL PROGRAMME IN PHYSICS.

36.6.1

The item was placed before the members for consideration and Prof. Vijayshri was requested to share the experiences in the Programme. Prof. Vijayshri shared with the members that since last one year, no information from HRI is available to the IGNOU faculty about the number of students enrolled and there is no involvement of the faculty in admission, continuous assessment, examination, and other activities, as envisaged earlier for this programme and the Physics faculty has suggested a review of the same.

36.6.2

The School Board decided that the JCC may be requested to meet again and decide various issues raised by the Physics faculty for smooth running of the programme.

ITEM NO. 7: TO CONSIDER THE PROGRESS REPORT OF MS. ARUNDHATI MISHRA, PH.D SCHOLAR.

36.7.1

The Progress Report submitted by Ms. Arundhati Mishra, Ph.D scholar was placed before the School Board members. Ms. Arundhati Mishra is working under the supervision of Prof. S.C. Garg and Prof. Vijayshri. The supervisor's report was also placed along with the progress report of the candidate.

36.7.2 The members considered and approved the Progress Report of Ms. Arundhati Mishra (as given in Appendix II).

ITEM NO. 8: TO CONSIDER AND APPROVE PHASE-I FORM FOR THE M.PHIL/PH.D PROGRAMMES IN CHEMISTRY.

36.8.1 The Phase-I form for the M.Phil/Ph.D Programmes in Chemistry was placed before the members. The members considered and discussed the proposal. The following was suggested:

- i) As per the University policy for the Ph.D programme, the following admission criteria should be followed for the enrolment of the Ph.D candidates:
 - a) Candidates having M.Phil. degree,
 - b) Teachers working in a college/research institution and having minimum five years teaching/research experience.
- ii) Two separate forms be submitted for M.Phil and Ph.D programmes in Chemistry.

36.8.2 However, it was agreed that the Chemistry discipline can call an expert committee meeting to identify the areas of research and decide the other aspects for these programmes.

ITEM NO. 9: TO CONSIDER AND APPROVE THE PHASE-3 FORM FOR P.G. DIPLOMA IN ANALYTICAL CHEMISTRY.

36.9.1 The Phase-3 form for P.G. Diploma in Analytical Chemistry was placed before the members and Dr. Lalita S. Kumar was requested to highlight the changes, as the form was being resubmitted for the consideration the Board. She mentioned that the fee structure has been revised and the expert committee had also re-looked into the syllabi of all the courses of this programme. The revised syllabi were also placed along with the Phase-3 form for the consideration of the members.

36.9.2 The members considered and approved the Phase-3 form for PG Diploma in Analytical Chemistry (as given in Appendix III).

ITEM NO. 10: TO CONSIDER AND APPROVE THE APPLICATION OF DR. DEEPIKA FOR RECOGNITION AS A RESEARCH SUPERVISOR FOR THE PH.D (MATHEMATICS) PROGRAMME.

36.10.1 The application of Dr. Deepika for recognition as a research supervisor for the Ph.D (Mathematics) programme was placed before the members.

36.10.2 The members considered and approved the application of Dr. Deepika for recognition as the research supervisor (as given in Appendix IV).

ITEM NO. 11: TO CONSIDER AND APPROVE THE LIST OF MODERATORS FOR COURSES OFFERED BY THE CHEMISTRY DISCIPLINE GROUP.

36.11.1 The lists of moderators for courses CHE-01, CHE-02, CHE-04, CHE-05, CHE-06, CHE-09, CHE-10, AEC-01 and LT-03 (CPLT), provided by the Chemistry Discipline Group, were placed before the members for consideration.

36.11.2 The names given in the lists were considered and approved by the members of the School Board.

However, it was suggested that at present, since the Professor of Chemistry is also the Director of the School, in column (3) for Professor of the discipline concerned/senior most teacher, only one name of the senior most faculty may be given.

36.11.3 The lists of the members of the Moderation Boards, as per the suggested changes, are enclosed as Appendix V.

ITEM NO. 12: TO CONSIDER AND APPROVE THE LIST OF PAPER-SETTERS, MODERATORS, AND EVALUATORS FOR COURSES OFFERED BY THE LIFE SCIENCES DISCIPLINE GROUP.

36.12.1 The lists, as submitted by the Life Sciences Group, for the additional names of evaluators for FST-01, LSE-01, LSE-02, LSE-03, LSE-06, LSE-07, LSE-09, LSE-12 courses and moderators/paper-setters for LSE-05 (Part-II) and LSE-13 courses were placed for consideration of the members.

36.12.2 The names given in the above lists were considered and approved by the members of the School Board. However, it was suggested that the lists of moderators and paper-setters should be submitted in the proper format.

36.12.3 It was also brought to the notice of the members that the lists of moderators and paper-setters were given only for LSE-05 (Part-II) and LSE-13 courses and the lists of moderators for the other Life Sciences electives have not been made available to the board.

The members suggested that the remaining lists for other courses be submitted.

36.12.4 The lists for paper-setters and moderators for LSE-05 (Part-II) and LSE-13 courses, as per the format are enclosed as given in Appendix VI, along with the above approved lists of additional evaluators.

ITEM NO. 13: TO CONSIDER AND APPROVE THE FRESH LIST OF PAPER-SETTERS, MODERATORS AND EVALUATORS FOR BDP ELECTIVE COURSES MTE-01 TO MTE-14, BDP AOCS, AST-01, AOR-01, AMT-01, THE COURSES LMT-01 OF CTPM PROGRAMME AND OMT-101 OF THE BPP PROGRAMME.

36.13.1 The lists of paper-setters, moderators and evaluators of BDP courses, made available by the mathematics faculty, were placed for the consideration and approval of the

members. It was pointed out by the Chairperson that the complete lists have not been provided by the Mathematics faculty for all the courses.

36.13.2

The members considered the lists provided for the paper-setters and moderators for MTE-03, MTE-07, MTE-08, MTE-09, MTE-10, MTE-14, AST-01 and OMT-101 courses and lists of evaluators for MTE-03, MTE-08, MTE-10 and MTE-14 courses.

During the discussion, it also emerged that as desired by the Mathematics faculty, Prof. Parvin Sinclair may be invited as an external expert in the moderation meetings for the courses for which she is a coordinator.

It was also decided that the name of the senior most Professor be given instead of the two names for the moderation board.

36.13.3

With these observations, the names given in the lists of the paper-setters and moderators for MTE-03, MTE-07, MTE-08, MTE-09, MTE-10, MTE-14, AST-01 and OMT-101 courses and lists of evaluators for MTE-03, MTE-08, MTE-10 and MTE-14 courses, were considered and approved by the School Board.

The revised lists of Moderation Board, as per the suggested changes, for MTE-03, MTE-07, MTE-08, MTE-09, MTE-10, MTE-14, AST-01 and OMT-101 courses, are being enclosed in Appendix VII. In addition, the approved lists of paper-setters of MTE-03, MTE-07, MTE-08, MTE-09, MTE-10, MTE-14, AST-01 and OMT-101 courses and the lists of evaluators for MTE-03, MTE-08, MTE-10 and MTE-14 courses are also included in Appendix VII.

36.13.4

It was decided that the revised lists of the moderation boards, with the desired changes, alongwith the lists of paper-setters and evaluators for the remaining courses be submitted.

ITEM NO. 14: TO CONSIDER AND APPROVE THE LIST OF PAPER-SETTERS, MODERATORS, AND EVALUATORS FOR COURSES OFFERED BY THE PHYSICS DISCIPLINE GROUP.

36.14.1

The names given in the lists, submitted by the Physics faculty, for the courses PHE-01, PHE-02, PHE-04, PHE-05, PHE-06, PHE-07, PHE-09, PHE-10, PHE-11, PHE-13, PHE-14, PHE-15, PHE-16, LT-04 (CPLT) were considered and approved by the members of the School Board (as given in Appendix VIII).

ITEM NO. 15: TO CONSIDER AND APPROVE THE LIST OF PAPER-SETTERS, MODERATORS AND EVALUATORS FOR THE COURSES OF PGDIPR.

36.15.1

The lists of moderators, paper-setters and evaluators for courses (MIP-001 to MIP-008) were placed for the consideration of the members.

36.15.2

The members considered and approved the names and suggested that the programme coordinator may be requested to submit the lists for paper-setters, moderators and evaluators in desired format.

- 36.15.3 The lists for the courses MIP-001, MIP-002, MIP-003, MIP-004, MIP-005, MIP-006, MIP-007 and MIP-008 of PGDIPR, as per the format, are being enclosed with the minutes as given in Appendix IX.

ITEM NO. 16: TO CONSIDER AND APPROVE THE LIST OF EXAMINERS FOR THE LABORATORY COURSES PHE-03(L), PHE-08(L) AND PHE-12(L).

- 36.16.1 The lists of examiners, as submitted by the Physics Discipline Group, were placed for the consideration of the members.
- 36.16.2 The names given in the lists were considered and approved by the School Board. The same are enclosed as Appendix X.

ITEM NO. 17: ANY OTHER ITEMS, WITH THE PERMISSION OF THE CHAIR.

- 36.17.1 i) It was requested by the Chairperson that the list of moderators with changes in the light of recent designations (and no changes in the names) for the PGDESD, may also be approved.
- ii) The Board considered the request and approved the same. The lists of moderators, with these changes, are also enclosed with the minutes (as given in Appendix XI).
- 36.17.2 i) The list of the members of moderation board for the course LT-01 of CPLT was placed before the members. The members considered and approved the names. The same is enclosed as Appendix XII.
- ii) The Chairperson brought to the notice of the members that for the LT-02 course of the CPLT programme, the list of moderators was not provided by the Life Sciences discipline.

It was agreed that the same may be placed for consideration along with the lists for other Life Sciences electives.



(Sunita Malhotra)

