MINUTES OF THE 37TH MEETING OF THE SCHOOL BOARD OF THE SCHOOL OF SCIENCES HELD ON 30th MAY, 2008.

The following were present:

- 1) Prof. Parvin Sinclair, Pro-Vice-Chancelllor
- 2) Prof. Sunita Malhotra, Director (SOS), Chairperson
- 3) Prof. S.P. Singh (Retd.), Kurukshetra University
- 4) Prof. G.S. Singh, IIT Roorkee
- 5) Prof. C.K. Varshney (Retd.), JNU
- 6) Prof. C.R.K. Murty, STRIDE, IGNOU
- 7) Sh. P.V. Suresh, SOCIS, IGNOU
- 8) Prof. S.C Garg, SOS, IGNOU
- 9) Prof. B.S. Saraswat, SOS, IGNOU
- 10) Prof. Vijayshri. SOS, IGNOU
- 11) Prof. Neera Kapoor, SOS, IGNOU
- 12) Prof. S.R. Jha, SOS, IGNOU
- 13) Dr. Shubha Gokhale, SOS, IGNOU
- 14) Dr. Amrita Nigam, SOS, IGNOU
- 15) Dr. Bano Saidullah, SOS, IGNOU
- 16) Dr. Sanjay Gupta, SOS, IGNOU
- 17) Prof. D. Gopal, SOSS, IGNOU Special Invitee
- 18) Dr. S. Venkataraman, SOS IGNOU Special Invitee

Prof. K. Murlidhar, Prof. Adimurthi, Prof. S.V.S. Choudhary, Dr. Ruchika Kuba, Prof. Poornima Mital, Prof. Sujatha Varma and Prof. Pushplata Tripathi could not attend the meeting.

The meeting began with the Chairperson welcoming all the members. She extended particularly warm welcome to the new members of the School Board. She put on record sincere thanks to the outgoing members of the School Board for their valuable contributions.

It was decided that the agenda papers should be made available well in advance to the members, so that they have sufficient time to go through the agenda items. This was noted by the Chairperson for future.

Before considering the agenda, some members desired to know about the presence of Prof. Parvin Sinclair in the School Board. The Chairperson explained that she had telephonically expressed the desire to attend the meeting. Prof. Sinclair explained that she is attending the meeting as a member of the Board as a Professor of Mathematics. The members objected to this and clarified that she cannot attend the meeting as a member as a Professor of Mathematics as per the provision of membership under clause 10 A(2) (c) of the Statue 10 A, as presently, she is a PVC and not a Professor in the School.

The members requested the Chairperson to give clarification on this and give a ruling. The Chairperson decided that Prof. Sinclair can presently attend the Board meeting as a special invitee as a Pro-Vice-Chancellor. The Board also requested the Chairperson to seek a clarification on this, if required. Then, Prof. Sinclair stated that she would like to

attend the Board meeting as Professor of Mathematics and not as PVC and decided to leave.

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

- ITEM NO. 1: CONFIRMATION OF THE MINUTES OF THE 36TH MEETING OF THE SCHOOL BOARD OF THE SCHOOL OF SCIENCES HELD ON 23RD NOVEMBER, 2007 AND TO NOTE THE ACTION TAKEN THEREOF.
- While confirming the minutes, the comments received from Prof. Vijayshri and the Mathematics discipline group were placed before the Board.
- SB 37.1.2 In respect of the comments made by Prof. Vijayshri, the following decisions were taken:

Regarding 36.4.1, the name of the external member of the School Board recommended by the Physics Discipline Group was corrected as Prof. G.S. Singh.

Regarding 36.5.1, the phrase (for NEP) was deleted from the name of the Programme "Diploma Programme in Applications of Renewable Energy Systems (for NEP)" as mentioned in the last sentence of the last paragraph.

Regarding 36.6.1, the second sentence of the first paragraph was modified as follows: "Prof. Vijayshri shared with the members that since more than one year, no information from HRI is available to the

Regarding 36.8.1, point ii) should be replaced as "The Phase-I form may be resubmitted separately for M.Phil and Ph.D Programmes in Chemistry giving the detailed information sought in the form". Also, "the following was suggested" was modified to "the following was decided" in the last sentence of the first paragraph.

Regarding 36.13.2, the second paragraph, viz., "During the discussion, it also is a coordinator", it was agreed to replace the above by the following. "It was decided that in accordance with the statutory procedures, Prof. Parvin Sinclair, who is now a Pro-Vice-Chancellor, cannot be an internal member of the Moderation Board. However, her name can be included in the list of external experts for the Moderation Board of Mathematics electives for the necessary Mathematics electives."

SB 37.1.3 In respect of the comments raised by the Mathematics Discipline Group, the following was decided:

Regarding 36.13.1, the following comments were received "While the recording is correct, it is incomplete. The explanation of Prof.

Sujatha Varma, that the list of paper setters, evaluators and moderators for the remaining papers were not received from SR&ED, has not been included in the minutes." The Chairperson clarified that the explanation of Prof. Varma pertained to list of evaluators which was to be received from the SR&ED, for confirmation for the timely declaration of the result, as suggested in the Vice-Chancellor's meeting with Directors of Schools and the Heads of Divisions. However, the lists mentioned in the agenda items were to be given by the Mathematics Discipline Group and not by the SR&ED. Therefore, this addition suggested by Mathematics Discipline Group School Board members, is not relevant. The Board decided that the explanation need not be included in the minutes.

Regarding 36.13.2, the comments received were as follows. "The second paragraph 'During the discussion, it emerged ...' etc. is an incorrect recording of the proceedings. The members of Mathematics Faculty did not express any desire for inviting her as an external member. The Second paragraph may be replaced by the following:

'Some members of the School Board objected to including Prof. Parvin Sinclair as an internal member of the moderation board on the ground that this is against the statues. It was also suggested by the members of the School Board that Prof. Sinclair can be included as an external member of the group and this was accepted by the School Board."

Regarding 36.13.2, it was decided that this issue has already been taken care of in the modifications decided in the last para of 37.1.2.

- SB 37.1.4 With the above modifications, the minutes of the 36th meeting of the School Board were confirmed.
- SB 37.1.5 The Action Taken Report on the Minutes of the 36th School Board meeting of the School of Sciences was considered by the members. The following modifications were agreed by the members.
 - 1. Under the action taken for Item no. 1, "approval" should be replaced by "information".
 - 2. Under the action taken for Item no. 6, the sentence "Later, it was this programme" should be deleted as this was being considered as an agenda item i.e., Item no. 4 in the 37th meeting of the School Board of the School of Sciences.
 - 3. Under the action taken for Item no. 11 to Item no. 16, "The lists as approved Vice-Chancellor for approval" should be replaced by "The lists as recommended by the School Board were sent to the Vice-Chancellor for approval. Thereafter, these lists were also sent to the Registrar, SR&ED for necessary action."

ITEM NO. 2: MATTERS ARISING FROM THE MINUTES

Dr. Shubha Gokhale suggested that in 36.1.5, b) "Teachers working research experience" should be read as "Candidates working research experience". The members agreed to this suggestion.

ITEM NO. 3: REPORTING ITEMS

- The Chairperson informed the Board that Prof. V.N. Rajasekharan Pillai, Vice-Chancellor, IGNOU had written to Director (SOS) that he may be the recognized as a research guide of the University and he may be given permission for offering courses in the School as course or programme coordinator. The letter was circulated to the members of the School Board. The Chairperson informed that the majority of members had recommended his recognition as a Research Supervisor. The recommendation of the School Board was sent to the ACD for approval of the Research Council. The Research Council has recognized Prof. V.N. Rajasekharan Pillai as a Research Guide of the University.
- SB 37.3.2 The Research Council has approved Dr. Deepika's recognition as a Research Supervisor for the Ph.D (Mathematics) Programme.
- SB 37.3.3 Under the RTA Scheme launched by the University, four new Research and Teaching Assistants (RTAs) have been selected in the Life Sciences Discipline in the School of Sciences and two of them had already joined.
 - i) Ms. G. Lakshmi
 - ii) Ms. Anamika Tripathi
 - iii) Ms. Ripu Daman Sood
 - iv) Ms. T. Sri Durga

ITEM NO. 4: TO CONSIDER AND APPROVE THE WITHDRAWAL OF THE IGNOU-HRI INTEGRATED DOCTORAL PROGRAMME IN PHYSICS AND MATHEMATICS.

- The Chairperson informed the members that in the 36th School Board meeting, the School Board had 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 Prof. S.C. Garg explained that for more than one year, no information from HRI was 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 in the MoC. Accordingly the review of MoC was requested. Consequently, the Vice-Chancellor desired to know the status of the work going under the MoC between the IGNOU and HRI for the integrated doctoral programmes in Physics and Mathematics and decided to withdraw these programmes from MoC.
- SB 37.4.2 The School Board noted the decision of the Vice-Chancellor to withdraw the IGNOU-HRI integrated doctoral programme in Physics and

Mathematics from the MoC and advised that HRI may be informed about the decision.

- ITEM NO. 5: TO CONSIDER AND APPROVE THE NAME OF PROF. VIJAYSHRI IN PLACE OF PROF. S.C. GARG IN THE MODERATION BOARD OF PHYSICS DISCIPLINE GROUP DURING THE PERIOD OF LEAVE OF PROF. S.C. GARG.
- SB 37.5.1 In view of the lists of the moderators being placed under Item no. 10, this item was withdrawn.
- ITEM NO. 6: TO CONSIDER THE PROGRESS REPORT OF MS. ARUNDHATI MISHRA, PH.D SCHOLAR.
- The Progress Report submitted by Ms. Arundhati Mishra, Ph.D scholar alongwith with the observations of her supervisors Prof. S.C. Garg and Prof. Vijayshri, was placed before the School Board members. Prof. S.C. Garg informed the Board that Ms. Arundhati Mishra presented her work in the thesis pre-submission seminar, organized on 19th May, 2008 in the School and is likely to submit her thesis in June, 2008 after incorporating the suggestions given by the faculty in the seminar.
- SB 37.6.2 The members considered the report and noted with satisfaction the progress made by Ms. Arundhati Mishra.
- ITEM NO. 7: TO CONSIDER THE PROGRESS REPORT OF MS. ARTI KAUSHIK, PH.D SCHOLAR.
- SB 37.7.1 The Progress Report submitted by Ms. Arti Kaushik, Ph.D scholar alongwith the observations of her supervisors Prof. Poornima Mital and Dr. D.K. Khattar, was placed before the School Board members.
- SB 37.7.2 The members considered the report and noted with satisfaction the progress made by Ms. Arti Kaushik in the Ph.D programme.
- ITEM NO. 8: TO CONSIDER AND APPROVE THE APPLICATION OF DR. MANORAMA. SINGH FOR RECOGNITION AS A RESEARCH SUPERVISOR FOR THE PH.D (CHEMISTRY) PROGRAMME.
- SB 37.8.1 The Chairperson informed the members that the Academic Coordination Division had forwarded requests received from Dr. Manorama Singh, DD, RC-Lucknow, IGNOU and Dr. R. Gujral, RD, RC-Dehradun, IGNOU to recognize them as the research supervisors of the University. Consequently, they were requested to send their detailed CV. The response received from Dr. Manorama Singh was placed for the consideration and approval of the School Board.
- SB 37.8.2 The members appreciated the published work of Dr. Manorama Singh and decided to recommend to the Research Council, the application of

Dr. Manorama Singh for recognition as a research supervisor of the University for the Ph.D Programme in Chemistry.

- ITEM NO. 9: TO CONSIDER THE PROGRESS REPORT OF SHRI UMAPATI PATTAR REGISTERED FOR PH.D DEGREE IN PHYSICS JOINTLY WITH PROF. S.C. GARG AND DR. V.H. RAYBAGKAR.
- SB 37.9.1 The Progress Report submitted by Sh. Umapati Pattar, Ph.D scholar along with the observations of his supervisors Prof. S.C. Garg and DrV.H. Raybagkar, was placed before the School Board members.
- SB 37.9.2 The members considered and noted the progress of Shri Umapati Pattar in the Ph.D programme.
- ITEM NO. 10: TO CONSIDER AND APPROVE THE LIST OF PAPER-SETTERS, MODERATORS, AND EVALUATORS, FOR COURSES OFFERED BY THE PHYSICS DISCIPLINE GROUP.
- The names given in the lists of paper-setters, moderators and evaluators 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 and LT-04 (Annexure-I) were considered by the School Board. The Board decided to recommend the names to the Vice-Chancellor for approval.
- ITEM NO. 11: TO CONSIDER AND APPROVE THE LIST OF PAPER-SETTERS, MODERATORS, AND ADDITIONAL EVALUATORS, FOR COURSES OFFERED BY THE LIFE SCIENCES DISCIPLINE GROUP.
- SB 37.11.1 The names given in the list of paper-setters for the Life Sciences courses LSE-01, LSE-02, LSE-03, LSE-05 (Part-I), LSE-05 (Part-II), LSE-06 (Part-I), LSE-06 (Part-II), LSE-07, LSE-09, LSE-10, LSE-12, LSE-13, APM-01 and LT-02 were considered by the School Board. The Board decided to recommend the names (Annexure-II) to the Vice-Chancellor for approval.
- SB.37.11.2 The names of given in the list of members of moderation board for Life Sciences courses LSE-01, LSE-02, LSE-03, LSE-05 (Part-I), LSE-05 (Part-II), LSE-06 (Part-II), LSE-06 (Part-II), LSE-07, LSE-09, LSE-10, LSE-12, LSE-13, APM-01 and LT-02 were considered and recommended with the following modifications.
 - i) Only the name of Prof. Neera Kapoor be listed in the column of Professor of the Discipline concerned / Senior most Teacher and her name should not be repeated in the column of the internal faculty members.

ii) In the light of recent change in the designation of Dr. P. Tripathi, her name should be reflected with appropriate designation.

The lists of the members of the moderation board for the above mentioned courses with the suggested modifications are enclosed alongwith the minutes as Annexure-III.

- SB 37.11.3 The School Board decided to recommend the names given in the list of additional Evaluators for the Life Sciences courses LSE-02, LSE-03, LSE-05 (Part-1), LSE-05 (Part-II), LSE-06 (Part-I), LSE-06 (Part-II), LSE-10, LSE-12, LSE-13, APM-01 and LT-02 to the Vice-Chancellor for approval. These are enclosed alongwith the minutes as Annexure-IV.
- ITEM NO. 12: TO CONSIDER AND APPROVE THE LIST OF EVALUATORS OF AMT-01 COURSE OFFERED BY THE MATHEMATICS DISCIPLINE GROUP.
- SB 37.12.3 The list was considered and it was suggested that it will be taken care of under Item no. 17(iv).
- ITEM NO. 13: TO CONSIDER AND APPROVE THE LIST OF PAPER-SETTERS AND MODERATORS OF MED-004 AND EVALUATORS OF MED-001, MED-004, MED-005 AND MED-006 COURSES FOR PGDESD PROGRAMME.
- SB 37.13.1 The names given in the lists of paper-setters of MED-004 course and additional evaluators for MED-001, MED-004, MED-005 and MED-006 courses for the PGDESD programme were considered and approved by the School Board with the following modification:

The name of Dr. Sudha Raghavan may be deleted from lists of paper-setters and additional evaluators for MED-004 course.

SB 37.13.2 The list of the members of the moderation board of MED-004 course was considered and approved by the School Board with the following modification.

The name of Prof. Neera Kapoor be listed only in the column of Professor of the Discipline concerned / Senior most Teacher and should not be repeated in the column of the internal faculty members.

SB 37.13.3 The Board decided that the names of paper-setters, additional evaluators and moderators given in the lists, be submitted to the Vice-Chancellor for approval. These are enclosed alongwith the minutes as Annexure-V.

- ITEM NO. 14: TO CONSIDER AND APPROVE THE REVISED VERSION OF THE COURSE GLOBALISATION AND ENVIRONMENT (MED-008) FOR THE PGDESD PROGRAMME.
- The Chairperson requested Prof. D. Gopal, who was a special invitee to apprise the members of the details of the revised version of the MED-008 course. Prof. D. Gopal informed the members that course Globalisation and Environment (MED-008) is also being offered to M.A. (Political Science) students. Recently, the course has been revised and 4th Block (comprising Unit 13 to Unit 16) has been added on the suggestion of the expert committee. The PGDESD programme team has suggested that the revised course structure may also be approved by the School Board of the School of Sciences for PGDESD programme for uniformity.
- SB 37.14.4 The Board decided that the revised version of MED-008 may be adopted for the PDGESD programme and submitted for approval of AC/ACSC. Also, a copy of detailed syllabus of the course may be provided to the members of the School Board along with the minutes of the meeting. The same is being enclosed alongwith the minutes as Annexure-VI.
- TITEM NO. 15: TO CONSIDER AND APPROVE PHASE-I FORM FOR DOCTORAL PROGRAMME IN LIFE SCIENCES.
- SB 37.15.1 The Board considered the Phase-I form for the Doctoral programme in Life Sciences and approved it.
- ITEM NO. 16: TO CONSIDER THE MODALITIES/GUIDELINES FOR SUCCESSFUL COMPLETION OF GUIDED AND UNGUIDED COMPONENTS OF THE LABORATORY COURSES.
- SB 37.16.1 The Chairperson informed the members that the Regional Director, Regional Centre, NCT of Delhi-1 had sought clarification about the successful completion of guided and unguided components of the laboratory courses, i.e., whether a student failing in the unguided component of the laboratory course will be required to do guided part again, even if he/she had completed it successfully. The views of the Discipline Groups, sought in this matter, were also placed before the Board for its consideration and decision.
- SB 37.16.2 The issue was deliberated in detail and some more points emerged which are as follows:
 - upper limit on the number of credits of laboratory courses which a student can opt for successful completion of the programme.
 - minimum attendance in the sessions for unguided experiments
 - timely reflection of practical marks in the grade card
 - the course-wise and discipline-wise logical combinations of theory and laboratory courses / prerequisite courses to be completed before opting a particular laboratory course

The Chairperson also informed the members about a recent request received from RSD for proposing a fee of Rs. 50/- per laboratory course as is being done for the theory courses for the examination purposes.

SB 37.16.3 The School Board decided to constitute a three member committee to look into the issues in detail and frame the modalities / guidelines for the smooth conduct and evaluation of the Laboratory courses.

The members of the committee are

- 1. Prof. C.K. Varshney
- 2. Prof. B.S. Saraswat
- 3. Prof. Vijayshri

Prof. B.S. Saraswat would be the Convenor of the Committee. The Committee was requested to submit its recommendations so that these would be placed in the next School Board meeting.

In respect of the clarifications sought by the Regional Director for the two particular cases, the Board decided that SR&ED be requested to consider their awards/ marks obtained in their repeat attempts in the respective laboratory courses for both the guided and unguided components as they had been allowed to repeat the guided component also.

After transacting the above agenda items, the Chairperson requested the members to consider the following tabled items.

ITEM NO. 17: TABLED AGENDA ITEMS

- 17 (i) TO PLACE BEFORE **BOARD** THE NAMES MODERATORS FOR MMT-001, MMT-002, MMT-004, MMT-005 MMT-007 APPROVED BY THE VC/PVC AND TO AND CONSIDER AND APPROVE THE LIST OF MODERATORS, EVALUATORS AND PAPER-SETTERS FOR THE COURSES MMT-001, MMT-002, MMT-004, MMT-005, MMT-007 MMT-008 AND MODERATORS AND PAPER-SETTERS FOR MMT-006 OFFERED BY THE MATHEMATICS DISCIPLINE GROUP.
- SB37.17(i).1 The School Board noted the names of the moderators for MMT-001, MMT-002, MMT-004, MMT-005 and MMT-007 already approved by the VC/PVC, (enclosed Annexure-VII-A).
- SB37.17(i).2 The School Board considered and recommended the names of evaluators and paper-setters for the courses MMT-001, MMT-002, MMT-004, MMT-005, MMT-007 and MMT-008. However, in the list of evaluators of MMT-002 course, the members requested the Chairperson to ascertain the official status of Dr. Atul Razdan with the University of Delhi and only after that his name should be included in the list.

The School Board considered the list of moderators of these courses and decided to recommend the names with the following modifications:

- a) Since Prof. Parvin Sinclair is currently PVC of the IGNOU, her name should not be considered under column 3 for "Professor of the Discipline concerned / Senior most Teacher". However, her name could be listed in column 4 under "3-4 External Experts in the discipline/specialization" only. Her name should not be listed in column 5 for "1-2 internal Faculty members" also.
- b) Accordingly, the name of Prof. Poornima Mital, who is the seniormost Professor of the Mathematics discipline at present, should be listed in column 3 for "Professor of the Discipline concerned / Senior most Teacher", and her name should not be repeated in column 5.
- c) The name of Prof. Sujatha Varma will be listed under column 5 for "1-2 internal Faculty members" wherever relevant, along with the other faculty members.

The lists of moderators were approved with the above modifications. The modified lists including the suggested changes at relevant places, are being enclosed along with the minutes as Annexure-VII-B.

SB37.17(i).3 The School Board considered and approved the names of paper-setters of MMT-006 course as per the list provided. Regarding the members of the Moderation Board of MMT-006 course, it was decided that the changes in the light of the decisions in 37.17.(i).2 be incorporated.

The Board recommended that these lists be sent to the Vice-Chancellor for approval. These lists are enclosed alongwith the minutes as Annexure-VII-C.

- 17 (ii) : TO CONSIDER AND APPROVE THE LIST OF MODERATORS AND PAPER-SETTERS FOR THE COURSE OMT-101 AND MODERATORS OF MTE-01, MTE-02, MTE-04, MTE-05, MTE-06, MTE-07, MTE-09, MTE-11, MTE-12, MTE-13, AOR-01 AND AST-01 AND THE LIST OF EVALUATORS FOR MTE-13 AND LMT-01 OFFERED BY THE MATHEMATICS DISCIPLINE GROUP.
- SB37.17(ii).1 The School Board considered and approved the names of paper-setters for the course OMT-101, MTE-01, MTE-02, MTE-04, MTE-05, MTE-06, MTE-07, MTE-09, MTE-11, MTE-12, MTE-13, AOR-01 and AST-01, and recommended that these be sent to VC for approval.
- SB37.17(ii).2 The School Board considered the names of moderators for the courses OMT-101, MTE-01, MTE-02, MTE-04, MTE-05, MTE-06, MTE-07, MTE-09, MTE-11, MTE-12, MTE-13, AOR-01 and AST-01 and approved the list after modifications as mentioned above in 37.17(i).2, and recommended that these be sent to VC for approval..

SB37.17(ii).3 The School Board considered and approved the names of evaluators for the course MTE-13 and LMT-01, and recommended that these be sent to VC for approval.

All the above lists, as approved by the School Board, are enclosed with the minutes as Annexure-VIII.

- 17 (iii) : TO PLACE BEFORE THE BOARD THE NAMES OF THE COURSE WRITERS, FOR THE MMT-008 AND MMTE-007 AND EDITOR FOR MMT-001, APPROVED BY VC/PVC.
- SB37.17(iii).1 The Chairperson reported to the Board that the approvals for course-writers for the courses MMT-008 and MMTE-007 and editor for the MMT-001 course were taken from the VC/PVC to avoid delay in the development of the courses. The same were placed before the School Board for ratification.
- SB37.17(iii).2 The School Board noted the approval of course writers for courses MMT-008 and MMTE-007 and editor for MMT-001 course, given by the Vice-Chancellor and suggested that in future, care should be taken so that it should not become a routine practice. Moreover, the Board sought the details of the Units being offered to the course writers.

These lists are enclosed alongwith the minutes as Annexure-IX.

- 17 (iv) : TO PLACE BEFORE THE BOARD THE LIST OF EVALUATORS FOR AMT-01, LMT-01 APPROVED BY THE VC/PVC.
- SB37.17(iv).1 The Chairperson informed the members that the approval for the evaluators for AMT-01 and LMT-01 was obtained from the VC/PVC. These lists were placed before the Board for consideration and ratification.
- SB37.17(iv).2 The Board considered and noted the approval of the list of evaluators for AMT-01 and LMT-01 given by the VC.

These lists are enclosed alongwith the minutes as Annexure-X.

- 17 (v) : TO SEEK THE CLARIFICATION ON THE CONSTITUTION OF MODERATION BOARD.
- SB37.17(v).1 The details were placed before the Board and the Chairperson sought the guidance of the Board for clarification on the following:

"Can any professor of the discipline be the member of the moderation board" under the clause 7(A), 1(b) of Ordinance no. 9?"

SB37.17.(v).2 The Board observed that decision taken while considering and approving the membership of the Moderation Boards in the light of the decisions mentioned in 37.17(i).2 of the minutes shall apply. Accordingly, in the context of the present clarification, the name of Prof. Poornima Mital, the

senior most Professor of the Discipline be listed under the provisions in 7(A), 1(b) of Ordinance no. 9 of the University.

- 17 (vi) : TO CONSIDER AND APPROVE THE GUIDELINES FOR CREDIT TRANSFER FOR THE COURSES IN THE M.SC. (MATHS WITH APPLICATIONS IN COMPUTER SCIENCES) PROGRAMME.
- SB37.17(vi).1 The guidelines for credit transfer for the courses in the M.Sc. (Maths with Applications in Computer Sciences) programme were placed before the School Board for consideration and approval.

The School Board considered the guidelines for credit transfer for the courses in the M.Sc. (Maths with Applications in Computer Sciences) programme and decided that 4th point (in the bullets) be modified as follows:

Credit transfer for a maximum of 50% credits (i.e., upto 32 credits) of this programme is permissible. In order to complete M.Sc. (MACS) programme from IGNOU, a student will be required to earn at least 50% i.e., 32 credits from this programme.

The Board also recommended that these be sent to the Academic Council for approval.

The details of the guidelines are enclosed alongwith the minutes as Annexure-XI.

- 17 (vii) : TO CONSIDER AND APPROVE PRACTICAL EXAMINERS FOR THE COURSES MMT-001 AND MMT-007.
- SB37.17(vii).1The lists of the internal and external examiners for the practical examination of MMT-001 and MMT-007 courses were placed for the consideration and approval of the School Board.

The School Board considered and recommended for approval of the Vice-Chancellor, the lists of the internal and external examiners for the practical examination of MMT-001 and MMT-007 courses.

These lists are enclosed alongwith the minutes as Annexure-XII.

- 17 (viii) : TO CONSIDER AND APPROVE THE PHASE-I FORM FOR CERTIFICATE IN TEACHING ELEMENTARY SCIENCE (CTES).
- SB37.17(viii).1 The Phase-I form for Certificate in Teaching Elementary Science (CTES) was placed before the School Board for its consideration and approval. The members raised the following points and sought clarifications:
 - The need and desirability of the programme.
 - The target group

- Social relevance
- The details / minutes of the expert committee meeting held for this programme.
- The Programme Coordinators

Dr. Bano Saidullah, one of the Programme Coordinators, clarified that she herself and Prof. Parvin Sinclair are the two coordinators and also explained some features of the programme but the members desired more clarifications.

SB37.17(viii).2 The School Board approved the proposal for the programme "Certificate in Teaching Elementary Science" (CTES) in principle and decided hat the Phase-I form should be re-submitted for consideration of the Board after incorporating clarifications, on the points raised above.

ITEM NO. 18: ANY OTHER ITEM, WITH THE PERMISSION OF THE CHAIR.

SB 37.18.1 Prof. C.K. Varshney requested that a copy of the Statutes and the Ordinances of the University may be provided to the external members for their reference. The request was conceded.

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

(Sunita Malhotra)

