

MINUTES OF THE 39TH MEETING OF THE SCHOOL BOARD OF THE SCHOOL OF SCIENCES HELD ON 30TH OCTOBER, 2009 AT 11.00 A.M. IN THE CONFERENCE ROOM, SCHOOL OF SCIENCES, IGNOU, MAIDAN GARHI, NEW DELHI – 110068.

The following were present:

- 1) Prof. Sunita Malhotra, Director (SOS), Chairperson
- 2) Prof. S.P. Singh (Retd.), Kurukshetra University
- 3) Prof. G.S. Singh, IIT Roorkee
- 4) Prof. C.R.K. Murthy, STRIDE, IGNOU
- 5) Dr. Ruchika Kuba, SOHS, IGNOU
- 6) Prof. B.S. Saraswat, SOS, IGNOU
- 7) Prof. S.S. Hasan, SOS, IGNOU
- 8) Prof. Vijayshri, SOS, IGNOU
- 9) Prof. Poornima Mital, SOS, IGNOU
- 10) Prof. Sujatha Varma, SOS, IGNOU
- 11) Prof. B.I. Fozdar, SOS, IGNOU
- 12) Prof. Javed A. Farooqi, SOS, IGNOU
- 13) Prof. Neera Kapoor, SOS, IGNOU
- 14) Prof. Pushplata Tripathi, SOS, IGNOU
- 15) Prof. S.R. Jha, SOS, IGNOU
- 16) Prof. Amrita Nigam, SOS, IGNOU
- 17) Dr. Jaswant Sokhi, SOS, IGNOU
- 18) Dr. Shubha Gokhale, SOS, IGNOU
- 19) Dr. Bano Saidullah, SOS, IGNOU
- 20) Dr. Sanjay Gupta, SOS, IGNOU
- 21) Dr. S. Venkataraman, SOS, IGNOU
- 22) Prof. Parvin Sinclair, Pro-Vice-Chancellor, IGNOU (Special Invitee)

Prof. C.K. Varshney (Retd.), JNU, Prof. K. Murlidhar, University of Delhi, Prof. Adimurthi, TIFR Centre, Bangalore, Prof. M.C. Sharma, SOE, IGNOU and Sh. P.V. Suresh, SOCIS, IGNOU could not attend the meeting.

The meeting began with the Chairperson welcoming all the members and introduced new ex-officio School Board members.

Before considering the agenda, the Chairperson explained that on the issue of Prof. Parvin Sinclair, Pro-Vice-Chancellor attending the School Board meetings, in the 38th School Board meeting the Board decided that a clear-cut clarification regarding the membership of Prof. Parvin Sinclair, who is presently a PVC, be sought under Section 33 of the IGNOU Act. The Chairperson shared with the members that she has received a letter of dissent of Prof. Vijayshri and some comments from Prof. Parvin Sinclair, PVC. The Chairperson informed the Board that Prof. Sinclair, PVC had been invited to the meeting as a Special Invitee on the approval of the Vice-Chancellor, in which it had been clearly mentioned that she may be invited to the School Board meeting as a 'Special Invitee'. Some members also referred to the earlier approval of the Vice-Chancellor sought by them. The Chairperson clarified that she apprised the Vice-Chancellor about the factual position as well as the decision of the last School Board on this issue. After that the Hon'ble Vice-Chancellor has given the approval for Prof. Parvin Sinclair, PVC may be invited as a Special Invitee. The same also states that Prof. Parvin Sinclair, PVC cannot be an ex-officio member of the School Board of the School of Sciences. Some School Board members requested the Chairperson to read the approval of the Vice-Chancellor. The same was done by the Chairperson. The members then argued with one another on this issue and a lot of hot discussion took place amongst the

members. In the light of this, the Chairperson had to adjourn the meeting. The meeting was then convened again after about half an hour.

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

Item No. 1: Confirmation of the minutes of the 38th meeting of the School Board of the School of Sciences held on 21st November, 2008 and to note the action taken thereon.

SB 39.1.1 While confirming the minutes, the comments received from Prof. Vijayshri were placed before the Board. A copy of the comments of Prof. Parvin Sinclair, PVC was also provided to the members.

SB. 39.1.2 The minutes of the 38th meeting of the School Board were confirmed. The Action Taken Report on the Minutes of the 38th School Board meeting of the School of Sciences was considered and noted by the members.

Item No. 2: Matters arising from the minutes

SB 39.2.1 No matter arose from the minutes.

Item No. 3: Reporting items

SB 39.3.1 The Chairperson shared with the members that four new disciplines have been approved by the Board of Management in its 99th meeting and the faculty positions — Professor (1), Readers (2) and Lecturers (2) have been sanctioned for each of these disciplines. The Chairperson informed that some more disciplines were proposed by the School including the Environmental Sciences. The proposal of the School including other recommendations could not be considered by the Committee constituted for this purpose as it reached to it after the committee had given its recommendations. The issue was raised by the Chairperson in the Academic Council meeting. The Academic Council had advised that a fresh proposal for the same may be placed for Academic Council's consideration after due deliberations in the School Board.

The Chairperson informed that this proposal will be brought for the consideration of the School Board in the next meeting.

Item No. 4: To consider and approve the Doctoral Committee in Physics.

SB 39.4.1 The list of experts for the Doctoral Committee for the Ph.D. Programme in Physics was considered by the School Board. The members agreed that this is only a panel of experts and only some of them will be invited as per the area of specialization at a time as per the requirement. It was suggested that the list of members should also mention the area of the specialization of the members alongwith their names.

SB 39.4.2 The Board decided to recommend the names in the list to the Vice-Chancellor for approval with the above mentioned modifications. The recommended list including the above mentioned modification is enclosed as Annexure-1.

Item No. 5: To consider the progress report of Mr. Umapati Pattar, Ph.D. scholar in Physics.

SB 39.5.1 The Progress Report submitted by Sh. Umapati Pattar, Ph.D. scholar for the period from 01/07/2008 to 31/12/2008 along with the observations of his supervisors Prof. S.C. Garg and Dr V.H. Raybagkar, was placed before the School Board member.

SB 39.5.2 The members considered and noted the progress of Shri Umapati Pattar in the Ph.D. programme. The progress report is enclosed as Annexure-2. The Board recommended that the progress report may be forwarded for the consideration and approval of the Research Council.

Item No. 6: To consider the progress report of Mr. Xavier Gama, Ph.D. scholar in Physics.

SB 39.6.1 The Progress Report submitted by Mr. Xavier Gama, Ph.D. scholar for the period from January, 2008 to December, 2008 along with the observations of his supervisors Dr. Shubha Gokhale and Dr R.L. Patil (Retd.), was placed before the School Board members. It was pointed out that in the supervisors report the signatures of the two supervisors are to be done at the appropriate places above their names.

SB 39.6.2 The members considered and noted the progress of Mr. Xavier Gama in the Ph.D. programme. The progress report is enclosed as Annexure-3. The Board recommended that the progress report may be forwarded for the consideration and approval of the Research Council.

Item No. 7: To consider the application of Mr. S. Elangovan for admission in Ph.D. Programme in Physics.

39.7.1 Prof. Vijayshri, briefed the members about the proposal of Mr. S. Elangovan for the admission in Ph.D. programme in Physics of the University. The CV of the external supervisor Dr. P. Dananjayan was also placed for consideration of the School Board.

39.7.2 The members considered the application of Mr. S. Elangovan for admission to the Ph.D. programme in Physics and recommended that the application be placed before the Doctoral Committee for consideration and then it should be placed before the School Board for its consideration.

Item No. 8: To consider and approve the list of paper setters, moderators, and evaluators, for courses offered by the Physics Discipline Group.

SB 39.8.1 The names given in the lists of paper-setters, moderators and evaluators for the Physics 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 were considered by the School Board. It was pointed out that in the list of evaluators of PHE-01 course, the Sl. Nos. need to be corrected. The Board decided to recommend these names with this minor correction in the list of evaluators of PHE-01 to the Vice-Chancellor for approval. These lists are enclosed as Annexure-4.

Item No. 9: To ratify the action taken by the Chairperson in recommending the name of course editor of the course MMTE-007 (Soft Computing and its Applications) for approval by the VC/PVC.

SB 39.9.1 The Chairperson informed the members that in view of the urgency of development of course materials, the approval of the course editor for the course MMTE-007 of M.Sc. (MACS) programme was obtained from the VC/PVC. The name of editor was placed before the Board for consideration and ratification.

SB 39.9.2 The Board ratified the action taken by the Chairperson in obtaining the approval of course editor Prof. M.M. Sufyan Beg, for the course MMTE-007 by the VC/PVC. The name is enclosed as Annexure-5.

Item No. 10: To ratify the action taken by the Chairperson in recommending the names of moderators for the courses MMT-009, MMTE-001, MMTE-002, MMTE-003 and MMTE-004 and paper setters for the courses MMTE-001, MMTE-003 and MMTE-004 for approval by the VC/PVC.

SB 39.10.1 The Chairperson informed the members that the approval of the experts as paper-setters for the courses MMTE-001, MMTE-003 and MMTE-004 and moderators for the courses MMT-009, MMTE-001, MMTE-002, MMTE-003 and MMTE-004 for which examinations were to be held for the first time in June, 2009 were obtained taken from the VC/PVC. These lists were placed before the Board for ratification.

SB 39.10.2 The Board noted and ratified the action taken by the Chairperson in obtaining the approvals of the paper-setters for the courses MMTE-001, MMTE-003 and MMTE-004 and moderators for the courses MMT-009, MMTE-001, MMTE-002, MMTE-003 and MMTE-004 by the VC/PVC. It was pointed out by the members that the lists of the moderators are not in proper format. It was then clarified that the names in the proper format are placed for consideration of the School Board under Item no. 12 and 13. The approved names are enclosed as Annexure-b.

Item No. 11: To consider the progress report of Ms. Arti Kaushik, Ph.D. scholar in Mathematics.

SB 39.11.1 The Progress Report submitted by Ms. Arti Kaushik, Ph.D. scholar for the period from July, 2008 to December, 2008 alongwith the observations of her supervisors Prof. Poornima Mital and Dr. D.K. Khattar, was placed before the School Board members.

SB 39.11.2 The members considered the report and noted with satisfaction the progress made by Ms. Arti Kaushik in the Ph.D. programme. The progress report is enclosed as Annexure-7. The Board recommended that the progress report may be forwarded for the consideration and approval of the Research Council.

Item No. 12: To consider and approve the practical examiners for the courses MMT-001, MMT-007, MMT-008, MMTE-001, MMTE-003 and MMTE-004.

SB 39.12.1 The lists of internal and external examiners for the term-end practical examinations of MMT-001, MMT-007, MMT-008, MMTE-001, MMTE-003

and MMTE-004 courses of M.Sc. (MACS) programme were considered by the School Board. The Board decided to recommend the names in the lists to the Vice-Chancellor for approval. These lists are enclosed as Annexure-8.

Item No. 13: To consider and approve the list of moderators, evaluators and paper setters for MMTE-003, MMTE-007, MMT-005, MMT-007, MMT-003, MMT-009, MMTE-004, MMTE-002, MMTE-001, MMT-004 (revised) and MMT-006 and the moderators for the course MMT-002, which are a part of the MACS Programme.

SB.39.13.1 The School Board considered the names given in the lists of members of Moderation Board, evaluators and paper-setters for MMTE-003, MMTE-007, MMT-005, MMT-007, MMT-009, MMT-003 MMTE-004, MMTE-002, MMTE-001, MMT-004 (revised) and MMT-006 and the moderators for the course MMT-002.

SB.39.13.2 Regarding the list of members of the Moderation Board for MMT-002, MMT-003 and MMT-004 (revised) courses, the members pointed out that the matter related to the name of Prof. Parvin Sinclair, PVC was discussed and decided in the previous School Board (Ref. SB37.17(i).2 a and b) and (Ref. SB38.6.1 and 38.6.2), the minutes of which have been confirmed already. Therefore, the name of Prof. Parvin Sinclair, PVC cannot appear in column 5 mentioning the names of Internal faculty members and the particulars of Prof. Parvin Sinclair, PVC be mentioned in the column 4 for the external experts as follows:

Prof. Parvin Sinclair
Pro-Vice-Chancellor
IGNOU

The Board decided that as per this decision, her name will appear as mentioned above wherever it is included in other lists also. The Board decided to recommend the names given in the lists with above mentioned changes in the list of moderators of MMT-002, MMT-003 and MMT-004 to the Vice-Chancellor.

These lists are enclosed as Annexure-9.

Item No. 14: To consider and approve the list of moderators, paper setters and evaluators for the mathematics courses MTE-03, MTE-08, MTE-10 (revised) and MTE-14, moderators for the course MTE-13, evaluators, paper-setters and moderators for the courses MTE-07 and MTE-09 which are a part of the BDP Programme.

SB.39.14.1 The School Board considered the list of members of Moderation Board, evaluators and paper-setters for mathematics courses MTE-03, MTE-08, MTE-10 (revised) and MTE-14, moderators for the course MTE-13, evaluators, paper-setters and moderators for the courses MTE-07 and MTE-09 which are a part of the BDP Programme. The Board decided that in the lists of paper-setters and evaluators for MTE-03 course, the particulars of Prof. Parvin Sinclair, PVC be mentioned as follows:

Prof. Parvin Sinclair
Pro-Vice-Chancellor, IGNOU

and not as

Prof. Parvin Sinclair
School of Sciences, IGNOU

SB 39.14.2 The Board decided that in the list of members of Moderation Board for MTE-13, the name of Dr. Deepika, School of Science be included in column 5 for internal faculty members.

SB 39.14.3 The Board decided to recommend the names with the above modifications to the Vice-Chancellor for approval. These lists are enclosed as Annexure-10.

Item No. 15: To consider and approve the list of moderators, evaluators and paper setters for Ph.D. Mathematics Entrance Examination.

SB.39.15.1 The School Board considered the list of moderators, evaluators and paper setters and decided that in the list of moderators, the name of Prof. Parvin Sinclair, PVC cannot appear in column 5. The particulars of Prof. Parvin Sinclair be mentioned in the column 4 as follows (as decided earlier):

Prof. Parvin Sinclair
Pro-Vice-Chancellor
IGNOU

SB 39.15.2 In the lists of paper-setters and evaluators for Entrance Exam for Ph.D. mathematics, the particulars of Prof. Parvin Sinclair, PVC be mentioned as follows:

Prof. Parvin Sinclair
Pro-Vice-Chancellor
IGNOU

and not as

Prof. Parvin Sinclair
School of Sciences
IGNOU

SB 39.15.3 The Board decided to recommend the lists of members of Moderation Board, evaluators and paper-setters for Ph.D. Mathematics entrance exam with the above modifications to the Vice-Chancellor for approval. These lists are enclosed as Annexure-11.

Item No. 16: To consider and approve the revised eligibility condition for admission to M.Sc. (MACS) Programme.

SB 39.16.1 The Chairperson requested Prof. Poornima Mital, Programme Coordinator M.Sc. (MACS) Programme to brief the members about the need for revising the eligibility condition for the admission to the programme.

SB 39.16.2 Prof. Poonima Mital explained that in order to encourage more number of learners in certain states particularly in Madhya Pradesh this change in eligibility is proposed. She also mentioned that at present, an increase in

the intake of learners is not being envisaged as the programme is being offered in limited number of centres only. A lot of discussion on this took place and the following criteria was decided.

Eligibility condition for admission to the M.Sc. (MACS) programme in Mathematics

1. A graduate with a Major/Honours in Mathematics with at least 50% marks in aggregate.

If the seats at a centre remain vacant then

2. Graduates with a BA/B.Sc. degree with Mathematics as one of the three main subjects with equal weightage, having 50% in aggregate and 55% in aggregate in the Mathematics courses will be considered for admission.

SB 39.16.3 The Board decided to recommend the revised eligibility criteria for the consideration and approval of the Academic Council.

Item no. 17: To note the proposal of launch of Master's Degree Programme in Chemistry in (On-campus Full-time) mode and approve the programme structure, detailed curriculum, evaluation methodology, list of paper setters and evaluators for the programme.

SB 39.17.1 The Chairperson Prof. Sunita Malhotra who is also the Programme Coordinator explained that the Chemistry Discipline Group proposed to launch this programme from July, 2009 session for a batch of 20 students. She also shared that the proposal of launch of this programme has already been approved by the Academic Council in its 48th meeting held on 24th April, 2009. Two experts committee meetings were held to design and develop the programme structure and syllabi of various courses. The programme is worth 72 credits and will be offered in 4 specialization streams i.e., Inorganic Chemistry, Organic Chemistry, Physical Chemistry and Analytical Chemistry. The admission to this programme was done by holding an entrance test. Since the programme was to be offered from July, 2009 onwards, the approvals the Competent Authority for various activities related to the launch were obtained. The Programme Coordinator also apprised the members about the developments and the launch of the programme for July, 2009 batch and requested them to consider and approve the Programme Structure, detailed curriculum, evaluation methodology and list of paper setters and evaluators for different courses of the programme.

SB 39.17.2 Some of the members raised the issue of launching of M.Sc. (Chemistry) in on campus full time programme mode from IGNOU as IGNOU is mandated for offering programmes through distance mode. Some other members mentioned that earlier also many such programmes in face-to-face mode have been offered by some other Schools and even from School of Sciences. Some of these programmes being Bachelors of Hotel Management, Diploma in Civil, Mechanical and Electrical Engineering, Intergrated Ph.D. programmes in Mathematics and Physics disciplines of the School of Sciences, B.Sc. (Nautical Sciences) etc. Moreover, the Academic Council had taken a policy decision to offer programmes through on campus full time mode.

Some members also raised the issues related to the conduct of practicals, faculty requirement, funding, recognition of such programmes, laboratory facility and also desired to know the special features of this programme.

It was explained that the programme structure is in tune with the recommendations of the model curriculum suggested by the UGC and it also incorporates the positive features of curriculum of many other central Universities. The curriculum includes several newer areas of study such as Material Science, Computational Chemistry, Role of ICT etc. The experiments would be conducted in the modular chemistry lab. which is being designed and developed by a reputed firm. There is also a provision of project work in the 4th semester.

SB 39.17.3 The Board noted the proposal of the launch of the M.Sc. (Chemistry) programme and suggested the following:

- The recruitment of the more faculty should be impressed upon by the Discipline to meet the teaching requirements of the programmes.
- Provision of special funds for On campus (full time) face-to-face programmes should be requested from the University authorities.
- The necessary action, if required, for recognition of such programmes be taken.
- As recommended by the Expert committee, the paper-setting and evaluation be done internally by the faculty of School of Sciences/Visiting faculty and moderation of the question papers will not be done by the external experts.
- Regarding the project work, a project report of 50 to 60 pages should be submitted by the students for evaluation purposes. The evaluation methodology for the project will be as recommended by the Expert Committee.

SB 39.17.4 The Board decided to approve the programme structure, detailed curriculum, evaluation methodology, list of paper setters and evaluators for different courses of the programme. These lists are enclosed as Annexure-12.

Item no. 18: To note the action taken by the Research Council in approving the progress reports of the RTAs associated with Life Sciences discipline.

SB 39.18.1 The Chairperson shared with the members that the approval of the progress reports along with the observations of their supervisors of the following RTAs associated with Life Sciences discipline were obtained from the Research Council meeting in its meeting held on 23rd June, 2009.

1. Ms. Ripu Daman Sood
2. Ms. G. Lakshmi
3. Ms. Anamika Tripathi

SB 39.18.2 The progress reports of above listed RTAs were placed before the Board for consideration. The Board noted the reports with observations that the signatures of both the supervisors should be there in the supervisors

report. The Board decided that the candidates should be advised to submit the list of papers/literature surveyed.

The revised documents as per the above modifications are enclosed alongwith the minutes. These Progress Reports are enclosed as Annexure-13.

Item no. 19: To consider and approve Phase-1 Form of Certificate and Diploma Programmes in Bioinformatics.

SB 39.19.1 The Chairperson requested the programme coordinator Prof. P. Tripathi to briefly explain the salient features of the programmes. She shared with the members that the programmes are modular in nature and will be offered in Online mode. An MoU has been signed between IGNOU and Kerala University for design and development of the programme. The Phase-I form of Certificate and Diploma Programme in Bioinformatics was placed before the members for consideration and approval.

The members suggested the following:

- i) The name of only internal IGNOU faculty should be there in point no. 5 and 19 of Phase 1 form
- ii) The target group in point no. 12 should include B.Sc. Science Graduates in areas related to Life Sciences discipline i.e., Bio-Chemistry, Chemistry, Pharmacy etc.
- iii) A copy of the MoU should also be enclosed with the minutes.
- iv) The development cost for programme structure should be checked and verified as the amount mentioned in 18 (b) is Rs. 40 Lakh approximately.
- v) The proposed date of launch be July, 2010.

SB 39.19.2 The members approved the Phase I form for the Certificate and Diploma Programmes in Bioinformatics with the above modifications and suggestions. The revised Phase I form and the copy of MoU between IGNOU and Kerala University is enclosed alongwith the minutes as Annexure-14.

Item no. 20: To consider and approve the lists of Paper-setters, Moderators and Evaluators for Ph.D. courses in Life Sciences: Research Methodology (RLS-001), Biological Techniques (RLS-002), Biostatistics (RLS-003), Plant Tissue Culture (RLSE-019), Natural Plant Product-Essential Oil (RLSE-018), Insect Pest Management, (RLSE-013), Insect Toxicology (RLSE-014).

SB 39.20.1 The names given in the lists of paper setters, moderators and evaluators for Ph.D. Life Sciences courses RLS-001, RLS-002, RLS-003, RLS-019, RLS-018, RLSE-013, RLSE-014 were considered by the School Board. The Board decided to recommend the names to the Vice-Chancellor for approval. The lists are enclosed as Annexure-15.

Item no. 21: To consider and approve the additional lists of Paper setters, Moderators and Evaluators for Undergraduate Life Sciences courses: LSE-02 (Ecology), LSE-05 (Plant Physiology), LSE-12 (Plant Diversity-I).

SB 39.21.1 The names given in the lists of paper setters, moderators and evaluators for the Life Sciences courses LSE-02, LSE-05 and LSE-12 were considered by the School Board. The members advised that the affiliation of Dr. Sneh Chopra in the lists of members of Moderation Board and additional lists of paper setters for LSE-02 courses be included. The same shall be mentioned with her name in the lists of members of the moderation board, list of evaluators and the additional list of paper-setters for the LSE-12 course. Similarly, the affiliation of Dr. V. Ramesh Babu in the list of members of Moderation Board and additional lists of paper setters for LSE-05 course be included.

SB 39.21.2 The Board decided to recommend the names with the above modifications to the Vice-Chancellor for approval. The lists are enclosed as Annexure-16.

Item no. 22: To consider and approve the additional lists of Evaluators for FST-01 course (Foundation course in Science and Technology).

SB 39.22.1 The names given in the additional list of evaluators for FST-01 were considered by the School Board. The Board decided to recommend the names to the Vice-Chancellor for approval. The list is enclosed as Annexure-17.

Item no. 23: To consider and approve the Doctoral Committee in Life Sciences.

SB 39.23.1 The list of experts for the Doctoral Committee for the Ph.D. Programme in Life Sciences was considered by the School Board.

SB 39.23.2 The Board decided to recommend the names in the list to the Vice-Chancellor for approval. The recommended list is enclosed as Annexure-18.

Item no. 24: To consider and approve the biodata of Dr Veena Chandra as a research guide for Plant Taxonomy.

SB 39.24.1 This item was considered as withdrawn by the School Board from the lists of agenda items.

Item no. 25: To consider and approve the lists of additional Course Writers for the Undergraduate Life Sciences Elective Courses under revision: Ecology, and Genetics and Biotechnology.

SB 39.25.1 The lists of additional course writers for the Undergraduate Life Sciences Elective Courses under revision: Ecology, Genetics and Biotechnology were considered by the School Board. The Board decided to recommend the names given in the lists of the course writers for the Life Sciences Elective Courses under revision: Ecology, Genetics and Biotechnology to the Vice-Chancellor for approval. These lists are enclosed as Annexure-19.

Item no. 26: To consider the progress report of Mr. Umapati Pattar, Ph.D. scholar in Physics.

SB 39.26.1 The Progress Report submitted by Sh. Umapati Pattar, Ph.D. scholar for the period from 01/01/2009 to 30/06/2009 along with the observations of his supervisors Prof. S.C. Garg and Dr V. H. Raybagkar, was placed before the School Board members.

SB 39.26.2 The members considered and noted the progress of Shri Umapati Pattar in the Ph.D. programme. The progress report is enclosed as Annexure-20.

Item no. 27: To consider and approve the list of moderators, evaluators and paper setters for Ph.D. Life Sciences Courses.

SB 39.27.1 The same was considered earlier under Item no. 20 of the minutes.

Item no. 28: To consider the progress report of Ms. Arti Kaushik, Ph.D. scholar in Mathematics.

SB 39.28.1 The Progress Report submitted by Ms. Arti Kaushik, Ph.D. scholar for the period from January, 2009 to June, 2009 along with the observations of her supervisors Prof. Poornima Mital and Dr. D.K. Khattar, was placed before the School Board members.

SB 39.28.2 The members considered the report and noted with satisfaction the progress made by Ms. Arti Kaushik in the Ph.D. programme. The progress report is enclosed as Annexure-21.

Item no. 29: To ratify the action taken by the Chairperson in recommending the names of the examiners for the term-end practical exams of the courses MMT-001, MMT-007, MMT-008, MMTE-001, MMTE-003 and MMTE-004 for approval by the VC/PVC.

SB 39.29.1 The Chairperson informed the members that in view of the urgency of the conduct of term-end practical exams, the approval of the examiners for the courses MMT-001, MMT-007, MMT-008, MMTE-001, MMTE-003 and MMTE-004 of M.Sc. (MACS) programme was obtained from the VC/PVC. The names of examiners were placed before the Board for ratification.

SB 39.29.2 The Board noted and ratified the action taken by the Chairperson in obtaining the approval of the names of the examiners for term-end practical exams for the courses MMT-001, MMT-007, MMT-008, MMTE-001, MMTE-003 and MMTE-004 of M.Sc. (MACS) by the VC/PVC. The lists are enclosed as Annexure-22.

Item no. 30: To ratify the action taken by the Chairperson in recommending the names of the moderators for the courses MMTE-002, MMTE-004, MMTE-005, MMTE-006, and MMTE-007 and paper-setters for the courses MMT-009, MMTE-001, MMTE-003, MMTE-004, MMTE-005 and MMTE-007 for approval by the VC/PVC.

SB 39.30.1 The Chairperson informed the members that in view of the urgency for conduct of examinations, the approval of the names of the moderators for the courses MMTE-002, MMTE-004, MMTE-005, MMTE-006, and MMTE-007 and paper-setters for the courses MMT-009, MMTE-001, MMTE-003,

MMTE-004, MMTE-005 and MMTE-007 of M.Sc. (MACS) programme was obtained from the VC/PVC. The names given in the above mentioned lists were placed before the Board for ratification.

SB 39.30.2 The Board noted and ratified the action taken by the Chairperson in obtaining the approval of the names of the moderators for the courses MMTE-002, MMTE-004, MMTE-005, MMTE-006, and MMTE-007 and paper-setters for the courses MMT-009, MMTE-001, MMTE-003, MMTE-004, MMTE-005 and MMTE-007 of M.Sc. (MACS) by the VC/PVC. The names are enclosed as Annexure-23.

Item no. 31: To ratify the action taken by the Chairperson in recommending the names of the evaluators for the courses MMTE-001 and MMTE-004 for approval by the VC/PVC.

SB 39.31.1 The Chairperson informed the members that in view of the urgency of evaluation of answers scripts, the approval of the names of the evaluators for the courses MMTE-001 and MMTE-004 of M.Sc. (MACS) programme was obtained from the VC/PVC. The names of the evaluators were placed before the Board for consideration and ratification.

SB 39.31.2 The Board noted and ratified the action taken by the Chairperson in obtaining the approval of the names of the evaluators for the courses MMTE-001 and MMTE-004 of M.Sc. (MACS) by the VC/PVC. The names are enclosed as Annexure-24.

The Chairperson requested the members to consider the following tabled items.

ITEM NO. 32: Tabled Agenda Items

32 (i) : To consider and approve the detailed syllabus of application oriented course in Horticulture in Life Sciences of Bachelor Degree Programme.

SB 39.32(i).1 The Chairperson requested to the Course Coordinator Prof. Amrita Nigam to briefly explain the action taken on this course. She apprised the members that an Experts committee meeting has been conducted and the detailed syllabus has been drafted for this course which is placed for consideration and approval of the Board.

SB 39.32(i).2 The members approved the contents given in the detailed syllabus and the work distribution of the course writers, the same is enclosed as Annexure-25.

32 (ii) : To ratify the proposal approved by Academic Council of the Launch of Face-to-Face (Full-time) Master's Degree Programme in Life Sciences on IGNOU Campus.

SB 39.32(ii).1 The proposal was discussed and the Board decided that since the minutes of the Academic Council meeting are awaited in which the launch of the programme was proposed, the School Board cannot at present take a decision on this. However, the preparation could be initiated with the approval of the competent authority after Academic Council minutes are available. It was also agreed that the detailed

proposal may be placed for the consideration of the School Board in its next meeting.

- 32 (iii) : To consider and approve the additional list of names of paper-setters, paper evaluators and moderators of Life Sciences courses LSE-05 (Part II), LSE-07, LSE-13, AHE-01 (Theory and Project).**

SB 39.32(iii).1 The names given in the additional lists of names of paper-setters, evaluators and moderators for the Life Sciences courses LSE-05 (Part-II), LSE-07, LSE-13, AHE-01 (Theory and Project) were considered by the School Board. The Board advised that in all these lists the affiliation of Dr. Swadesh Taneja with the institution from which she Retd. be mentioned alongwith her name.

SB 39.32(iii).2 The School Board decided to recommend the names given in the lists of paper-setters, evaluators and moderators for the Life Sciences courses LSE-05 (Part-II), LSE-07, LSE-13, AHE-01 (Theory and Project) with the above modification to the Vice-Chancellor for approval. The lists are enclosed as Annexure-26.

- 32 (iv) : To share with the members about the offer of Raman Chair for Science Education.**

SB 39.32(iv).1 The Chairperson shared with the members that Prof. P.T. Manoharan has been offered Raman Chair for Science Education and his bio-data was placed for perusal of the members.

SB 39.32(iv).2 The members welcomed the decision of the University to offer Raman Chair for Science Education to Prof. P.T. Manoharan.

- 32 (v) : To consider and approve the clarification in the eligibility conditions of CPLT programme.**

SB 39.32(v).1 Prof. Javed A. Farooqi raised the issue the eligibility of admission to CPLT programme consequent to request received from the RC-Lucknow, IGNOU. He suggested that the revised eligibility of admission may include the relevant experience in research and development lab also.

SB 39.32(v).2 The members agreed that this revised eligibility condition may be placed for the consideration of the Academic Council and should also be included in the Programme Guide after the AC's approval. Meanwhile, RC-Lucknow can be facilitated for the necessary action of the issue after obtaining approval of the Vice-Chancellor.

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



(Sunita Malhotra)

