

MINUTES OF THE 43rd MEETING OF THE SCHOOL BOARD OF THE SCHOOL OF SCIENCES HELD ON 16TH SEPTEMBER, 2011 AT 11.00 A.M. IN THE CONFERENCE ROOM, TAGORE BHAWAN, BLOCK F, IGNOU, MAIDAN GARHI, NEW DELHI – 110068.

The following members were present:

1. Prof. Geeta Kaicker, Director (SOS), Chairperson
2. Prof. V.B. Bhatia (Retd.), University Delhi
3. Prof. Anupam Dikshit, University of Allahabad
4. Dr. Hriday Kant Dewan, Vidya Bhawan Society
5. Prof. Vibha Joshi, SOE, IGNOU,
6. Prof. E. Vayunanadan, SOSS, IGNOU
7. Dr. Neera Singh, SOH, IGNOU
8. Prof. B.S. Saraswat, SOS, IGNOU,
9. Prof. S.S. Hasan, SOS, IGNOU
10. Prof. Vijayshri, SOS, IGNOU
11. Prof. Sunita Malhotra, SOS, IGNOU
12. Prof. Poornima Mital, SOS, IGNOU
13. Prof. Sujatha Varma, SOS, IGNOU
14. Prof. B.I. Fozdar, SOS, IGNOU
15. Prof. S.R. Jha, SOS, IGNOU
16. Prof. Javed A. Farooqi, SOS, IGNOU
17. Prof. Amrita Nigam, SOS, IGNOU
18. Prof M.S. Nathawat, SOS, IGNOU
19. Dr. Lalita S. Kumar, SOS, IGNOU
20. Dr. Meenal Mishra, SOS, IGNOU
21. Dr. Deepika, SOS, IGNOU
22. Dr. Kamalika Banerjee, SOS, IGNOU
23. Dr Parvesh Babbar, SOS, IGNOU
24. Dr. Shubhalakshmi Lamba, SOS, IGNOU
25. Mr. Rajesh Kaliraman, SOS, IGNOU
26. Dr Vishal Warpa, SOS, IGNOU

Prof. R. Balasubramanian (The Institute of Mathematical Sciences, Chennai), Prof. H.S.P. Rao (Pondicherry University), Prof. P.T. Manoharan, Raman Chair(SOS, IGNOU), Dr. Naveen Kumar, SOCIS, IGNOU, Prof. S.C. Garg (SOS, IGNOU), Prof. Neera Kapoor, (SOS, IGNOU) could not attend the meeting.

The Chairperson welcomed all the members and informed the members that new faculty from the Disciplines of Geography and Biochemistry have joined the School since the last School Board. She introduced Prof. MS Nathawat, Professor of Geography and Dr Vishal Warpa, Assistant Professor from the Geography Discipline Group and Dr Parvesh Babbar Reader from Biochemistry Discipline Group as School Board member that have been nominated by the competent authority under Clause (2) (c) of Statute 10A. Thereafter, the following items on the agenda were deliberated upon:

Item No. 1: Confirmation of the minutes of the 42nd meeting of the School Board of the School of Sciences held on 8th March, 2011 and to note the action taken thereon.

SB 43.1.1 Since no comments were received on the minutes of the 42nd meeting of the School Board, the minutes were confirmed. The action taken report on the Minutes of the 42nd School Board meeting of the School of Sciences was considered and noted by the members.

Item No. 2: Matters arising from the minutes

SB 43.2.1 No matter was raised from the minutes of the 42nd meeting of the School Board.

Item No. 3&4: To report the approval of the Phase-2 and Phase-3 forms in 56th Academic Council meeting held on 27th May, 2011 for the programme “Post Graduate Diploma in Applied Statistics (with specializations in Industrial/Bio-Statistics) proposed by Discipline of Statistics, School of Sciences.

SB 43.4.1 Regarding Item no 4, the School Board ratified the action of the Director in sending the Phase 2 and 3 forms for Post Graduate Diploma in Applied Statistics with Specialisation in Industrial / Biostatistics to the Academic Council for approval.

However School Board reiterated its earlier decision and all Phase forms should be sent to a higher body after being first passed through the School Board which is the first statutory body to discuss all academic matters in the School.

Item No.5: To consider and approve the list of moderators for B.Sc. Physics elective courses PHE-01, PHE-06, PHE-14 and LTE-04 of CPLT.

SB 43.5.1 The School Board approved the list of moderators for B.Sc. Physics elective courses PHE-01 (Elementary Mechanics), PHE-06 (Thermodynamics and Statistical Mechanics), PHE-14 (Optics) and LTE-04 (Laboratory Techniques in Physics) of CPLT with the directive that official affiliation should also be provided where ever only residential address is given with the names in the lists.

Item No.6: To consider and approve the Phase 1 Form for B.Sc. (Major and General) in Geography proposed by Discipline of Geography, School of Sciences.

SB 43.6.1 The Phase 1 form presented by the Geography discipline was discussed at length. The members suggested that the discipline develop 48 credits of courses in Geography that can be added to the basket of courses in the existing BDP programme. These courses can lead to a BA/BSc Major degree in Geography. They also were of the opinion that only a Phase 0 form needs to be filled instead of the Phase 1.

SB 43.6.2 The School Board approved the proposal for developing 48 credits of Geography electives for BDP, and it was agreed that the Phase 0 form would be filled incorporating the suggested corrections and circulated to the School Board members (see as Annexure-1).

Item No. 7: To consider and approve the Phase 1 Form for Post Graduate Diploma in GeoSpatial Analysis and Modelling proposed by Discipline of Geography, School of Sciences.

SB 43.7.1 The School Board discussed the proposal and suggested that references for the task force report quoted in the Phase form should be given. The members wanted to know the details as to how many universities / institutions were offering similar programme and also if there would be sufficient clientele for the proposed programme. They also suggested that corrections should be made in the form regarding collaborative arrangements for development and cautioned about the launch date as the discipline was proposing to launch the Geography electives too at the same time.

SB 43.7.2 The School Board approved the proposal and it was decided that the Phase form should be circulated to the members after the suggested corrections were incorporated (see as Annexure-2).

- Item No. 8: To consider and approve the Phase 1 Form and Concept Note for Ph.D. Programme in Geography proposed by Discipline of Geography, School of Sciences.**
- SB 43.8.1 The School Board approved the Proposal for Ph.D. in Geography and suggested that the names of the eligible internal supervisors along with their areas of interest should also be placed before the next School Board. The members were of the opinion that experts in Geography can be invited in the next School Board and that areas of research can be identified for inclusion in the Ph.D. prospectus (see as Annexure-3).
- Item No.9: To consider and approve the additional list of examiners for the course MMTP-001 (Project) for the M.Sc. (MACS) programme.**
- SB 43.9.1 The additional lists of examiners for the course MMTP-001 (Project) for the M.Sc. (MACS) programme was approved. Prof. Saraswat who is also the coordinator from the School for Zonal Evaluation Centers requested the Discipline of Mathematics to expand the panel of evaluators for MSc (MACS) courses.
- Item No.10: To consider and approve the list of paper setters for the courses MMT-005 (Complex Analysis), MMT-007 (Differential Equations and Numerical Solutions) and MMTE-004 (Computer Graphics) of the M.Sc. (MACS) programme.**
- SB 43.10.1 The School Board approved the lists of paper setters for the courses MMT-005 (Complex Analysis), MMT-007 (Differential Equations and Numerical Solutions) and MMTE-004 (Computer Graphics) of the M.Sc. (MACS) programme.
- Item No. 11: To consider and approve the progress report of Ms. Arti Kaushik, Ph.D. scholar in Mathematics.**
- SB 43.11.1 The School Board considered and approved the progress report of Ms. Arti Kaushik, Ph.D. scholar in Mathematics for placement in the Research Council.
- Item No. 12: To report the approval of practical examiners for the course MMTE-007(P) approved by the Vice-Chancellor.**
- SB 43.12.1 The School Board noted the action taken by the Mathematics discipline in getting the examiners approved by the Vice-Chancellor.
- Item No. 13: To consider and approve the revised list of paper setters and evaluators for the course MMTE-006 (Cryptography).**
- SB 43.13.1 The School Board approved the list of paper setters and evaluators for the course MMTE-06 (Cryptography) with the observation that complete contact information like phone numbers/email addresses should be included before the List is sent to SED.
- Item No. 14: To consider and approve the Phase 1 Forms for B.Sc. (Major) in Biochemistry proposed by Discipline of Biochemistry, School of Sciences.**
- SB 43.14.1 The proposal for developing electives for BSc Major in Biochemistry was discussed. Dr Bubber informed that an exploratory Expert Committee was held and a structure for offering BSc major in Biochemistry was proposed where existing courses from Chemistry and Life Sciences disciplines will be offered along with 20 credits that will be developed by the Biochemistry discipline. The School Board was of the opinion that since these electives will be part of the existing BDP, Phase 0 should be filled up instead of Phase 1.

SB 43.14.2 The School Board approved the proposal and it was decided that Phase 0 form will be filled up and circulated to the members (see as Annexure-4).

Item No. 15: To consider and approve the names of evaluators received from SED and recommended by the faculty members of the School of Sciences for different Programmes/Courses(s) of the School of Sciences.

SB 43.15.1 The School Board observed that many names of evaluators received from SED showed only their residential address and no official affiliation and therefore these evaluators should provide the above information before their names are recommended by the School Board. Also instead of a consolidated list prepared by the Director's office, each discipline that recommends the evaluators will compile their list as and when names are received from SED and place it before the Board for consideration.

SB 43.15.2 The School Board recommended the names of the evaluators that had their official affiliation and also directed that the lists be corrected before they are placed for approval by the Vice-Chancellor.

Item No. 16: To consider and approve the recommendations of the Doctoral Committee of Life Sciences in its meeting held on 10th August, 2011.

SB 43.16.1 The minutes of the Doctoral Committee along with the Biodatas of two External co-supervisors – Dr S Sivaprasad for the student Kavitha S. and Dr. Aruna J. co-supervisor for the student R Prasanna Srinivas were considered and approved. It was observed that the name of Ms Ripu Daman RTA was not included in the student list, though her report was placed in the Doctoral Committee and approved.

SB 43.16.2 The School Board approved the recommendations of the Doctoral Committee of Life Sciences for placement in the next Research Council with the addition of the name of Ripu Daman (RTA) whose report was recommended by the Doctoral Committee but inadvertently her name was not included in the minutes.

Item No. 17: To consider and approve the lists of members of Moderation Board for the course MED-003 of PGDESD Programme and the list of Moderation Board, paper setters and evaluators for the courses BAQ-001, BAQ-002 and BAQ-003 of the DAQ Programme.

SB 43.17.1 The School Board approved the lists of members of Moderation Board for the courses - MED-003 (Energy & Environment) of PGDESD Programme and BAQ-001 (Basics of Aquaculture), BAQ-002 (Freshwater Aquaculture) and BAQ-003 (Coastal Aquaculture) of the DAQ Programme after including the official affiliation of the recommended names wherever that has not been done.

ITEM NO. 18: TABLED AGENDA ITEMS

Item 18(i) and 18 (iv) were taken up together as they were concerning the recommendations of the Doctoral Committee of Chemistry Ph.D. programme.

Item No. 18 (i): To consider and approve the External Guides for Ph.D. programme in Chemistry as per the recommendation of the Doctoral committee meetings for July, 2011 session.

Item No. 18 (iv): To consider and approve the minutes of the Doctoral Committee meetings for the Ph.D. Programme in Chemistry for July 2011 session.

SB 43.18(i)&(iv).1 The School Board considered the list of External Guides for Ph.D. programme in Chemistry. However the members felt that the complete papers regarding the recommendations of the Doctoral Committees for July 2011 with the names of the external and internal supervisors should be provided. Also the doctoral committee had recommended course work to be provided for all students selected for July 2011 session. However, the course work would be ready only by July 2012, and the syllabus and the course structure etc., has not been placed before the School Board. Therefore, these students cannot be registered in the July 2011 session. Since students with M.Phil degree are exempted from course work, they can be registered from July 2011 as per the University Ph.D. Ordinance.

SB 43.18(i)&(iv).2 The Board decided to recommend the names in the list of external supervisors and only the following candidates with M.Phil degree to the Research Council for enrolment in the Ph.D. programme from July 2011.

1. Chander Mohan
2. Rajnish Kumar
3. Prateek Tyagi
4. Fayaz Ahmad Bhat
5. Imtiyaz Hussain Lone
6. Mukhtar Ahmad Wani
7. Sangeeta Singla

However the Members did not agree to allow students without M.Phil to be registered from July, 2011. It was agreed that these students be allowed to register as and when the course work is ready. The minutes of Doctoral Committee and list of External and Internal supervisors along with the names of the students will be circulated along with the minutes (see as Annexure-5) for consideration.

Item No.18 (ii): To consider and approve the recommendations of the Expert Committee for modifications in curriculum and policy/ operational guidelines for M.Sc. (chemistry) On Campus Programme.

SB 43.18(ii).1 The Board considered the recommendations of Expert Committee in Chemistry. However the School Board did not agree to increase the credits of the Programme to 96. They were of the opinion that the hours of teaching can be increased in each course of 3 credits from 45 to 60 but the Programme should be of 72 credits as per the policy for other Masters Programmes offered by IGNOU. The minor changes/rearrangement of the syllabus suggested by the expert committee keeping in mind the feedback and review of the programme was agreed upon.

SB 43.18(ii).2 The School Board recommended that the credits for the programme should remain as per the original scheme of 72 credits, though the hours for teaching /credit be increased. The School Board also approved the minor changes and rearrangement of the syllabus as suggested in the expert committee held to review the MSc Chemistry Programme.

Item No.18 (iii): To consider and approve the additional names for paper setters and evaluators for MCH-513 (Chemistry of Materials) course of M.Sc. (Chemistry) On Campus Full time Programme.

SB 43.18(iii).1 The School Board considered and approved the additional names for paper setters and evaluators for MCH-513 (Chemistry of Materials) as given in the list.

Item No.18(v)a: To consider and approve the transfer of the Certificate programme in Solid Waste Management from SOVET to School of Sciences.

Item No.18(v)b: To consider and approve the transfer of the Certificate programme in Waste Water Management from SOVET to School of Sciences.

SB 43.18(v)a&b.1 The School Board members deferred the agenda for the next meeting and reiterated that such agenda items requiring deliberation and inputs from the School Board should not be tabled but placed as regular agenda so that there is sufficient time for discussion.

Item No.18 (vi): To consider and approve the additional names for External Members of the Moderation Board for the BSc courses CHE-04, CHE-05 and CHE-10.

SB 43.18.1(vi) The additional names of external members of the Moderation Board for the courses Physical Chemistry (CHE-04); Organic Chemistry (CHE-05) and Spectroscopy (CHE-10) of the BSc programme were approved by the School Board.

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

(Geeta Kaicker)
Chairperson