Indira Gandhi National Open University
School of Agriculture

Minutes of the 28th Meeting of the School Board held on 22nd August, 2016

The 28th meeting of the School Board was convened on 22nd August, 2016 at 10:30 a.m. in the Conference Room, School of Agriculture (SOA), Block-G, Zakir Hussain Bhawan, IGNOU, Maidan Garhi, New Delhi-110068.

The following members were present:

1. Prof. M.K. Salooja, Director, SOA	Chairman
2. Dr. Arvind Kumar, VC, RLBCAU, Jhansi	Member
3. Dr. S. Dave, Former Director, APEDA, Delhi	Member
4. Dr. N.S. Rathore, DDG, ICAR, Delhi	Member
5. Prof. Subhasish Biswas, WBUAFS, Kolkata	Member
6 Prof. Madhu Parhar, STRIDE, IGNOU	Member
7. Prof. Ajit Kumar, SOET, IGNOU	Member
8. Prof. M.S. Raju, SOMS, IGNOU	Member
9. Prof. Satyakam, SOH & Director, RU, IGNOU	Member
10. Dr. S. K. Yadav, Assoc.Prof., SOA	Memebr
11 Dr. Praveen Kumar Jain, Asst. Prof.(SS), SoA	Member
12. Dr P. Vijayakumar, Asst. Prof(SS), SoA	Member
13. Dr. Mita Sinhamahapatra, Asst. Prof(SS), SoA	Member
14. Dr. Mukesh Kumar, Asst. Prof. (SS), SoA,	Member

Dr. R. R. B. Singh, Joint Director (Academics), National Dairy Research Institute, Karnal, could not attend the meeting.

At the outset, the Chairmar welcomed the members to the 28th meeting of the School Board. He introduced the new external members to the School Board and specially welcomed them. Then he presented the activities of the School to the new members and also apprised the functions of School Board.

The agenda items were taken in *seriatim* for discussion and the recommendations of the School Board on each agenda are as follows:

Agenda No.SB. 28.1: To confirm the Minutes of the 27th Meeting of the School Board held on 11.03.2016 and the Action Taken Report

SB.28.1.1: The Chairman informed that Minutes of the 27th Meeting of the School Board were circulated to all the School Board Members. The School did not receive any comments/observations on the subject. He proposed that the Minutes of 27th School Board meeting may be confirmed.

SB.28.1.2: The Action Taken Report of the 27th School Board Meeting is as follows:

SB. 27.3: To consider and approve the Proceedings of the 11th meeting of the Doctoral Committee for 'Dairy Science & Technology' held on 24.02.2016.

The Proceedings have been forwarded to the Research Unit.

SB 27.4: To consider and approve the Half-yearly Progress Reports of the students enrolled under the Ph.D in Dairy Science & Technology.

The progress reports have been forwarded to the Research Unit for approval.

SB 27.5: To consider and approve the minutes of the meeting of Doctoral Committee of Ph.D in Agriculture Extension (PHDAGE) held on 30th November, 2015 and 29th February, 2016.

The Minutes have been forwarded to the Research Unit.

SB 27.6: To consider and approve the Half Yearly Progress Reports of students of Ph.D in Agriculture Extension (PHDAGE).

The progress reports have been forwarded to the Research Unit for approval.

SB 27.7: To consider the co-option of School Board members under the Statute 10A (2) Clause (e).

Notification has been made and the new members have been invited for 28th Meeting of the School Board.

SB 27.8: To consider and approve the Phase-0 form for Major Revision of the Courses (BPVI-001 to BPVI-008) under the Diploma in Value added Products from Fruits and Vegetables (DVAPFV)

The Phase-0 form has been approved in the 42nd Meeting of ACSC held on 1.8.2016 (item no 42.7) with change in the title. The new titles are: Certificate in Fruits and Vegetables Processing and Diploma in Fruits and Vegetables Processing.

SB 27.9: To consider and approve the Phase-1 of Post Graduate Diploma in Environmental and Occupational Health

The expert committee meeting has been scheduled.

SB 27.10: To consider and approve the revision of the courses: MVP-002 and MVP-004 of PGDFSQM programme.

As desired by the Academic Coordination Division, the Phase-0 form for revision is being submitted in the 28th School Board Meeting.It was pointed out that, in the recent times, several changes had taken place in the National Food Control System after the PGDFSQM programme was put in place. Hence the entire programme needs a review and not just two courses.

SB 27.11: To consider and approve the revision of the course BPVI-011 and BPVI-017 under DDT Programme.

As desired by the Academic Coordination Division, the Phase-0 form for revision is being submitted in the 28th School Board Meeting.

SB 27.12: To consider and approve the concept paper for the development of Diploma in Organic Farming.

The programme development shall be taken up in future. It was pointed out that the entire programme need a revision as lot of changes had taken place over the past 6-7 years. Moreover, standards for meat, poultry, dairy, aquaculture, silk and cotton need to be added.

SB 27.13: To consider and approve the additional names for paper setter, evaluator and moderator for courses under DVAPFV, PGDFSQM and DDT programmes.

The approved panel has been forwarded to the SED for further necessary action.

SB 27.14: To consider and approve the additional names of experts for evaluation of the Project Report and to conduct the viva voce for Project Work under the MVPP-001 of the PGDFSQM programme.

The approved panel has been forwarded to the concerned Regional Centres for further necessary action.

SB 27.15: To consider and approve the names of the unit writers and editors of Masters in Agribusiness Management (MABM).

Unit writing and editing work have been assigned to the approved experts

SB 27.16: To consider and approve the panel of Evaluators for TEE answer sheets of Diploma in Watershed Management (DWM), Diploma in Production of Value Added Products from Cereals, Pulses & Oilseeds (DPVCPO) and Certificate in Water Harvesting & Management (CWHM).

The approved panel has been forwarded to the SED for further necessary action. It was recommended that short courses for all the food categories listed in the Indian Food Categories on the FSSAI website should be taken up for over-all skill development in the food sector.

SB 27.17: To consider and approve the revised names of Marathi Translators. Vettors and Editors for the Diploma in Watershed Management.

The approved names have been forwarded to the IGNOU RC Nagpur.

SB 27.18: To consider and approve the name of the unit writers and editors of Diploma in Animal Husbandry (DAH).

Units have been assigned to the approved writers and editors.

SB 27.19: To consider and approve the renaming of the programme "Masters in Agribusiness Management" as Master of Business Administration (Agribusiness) as per UGC approved nomenclature of degree U/S 22 of UGC Act.

Agenda item forwarded to Academic Coordination Division for approval of Academic Council Standing Committee.

SB 27.20: To consider and approve the Moderation Board of different courses for Term end examination question papers of Diploma in Watershed Management (DWM), Diploma in Production of Value Added Products from Cereals, Pulses and Oilseeds (DPVCPO) and Certificate in Water Harvesting and Management (CWHM).

The approved panel has been forwarded to the SED for further necessary action.

The Board suggested the following:

i. Agriculture programmes can be formatted to be a part of skill based programmes of CBCS system.

ii. The original titles for the programmes proposed by the School, i.e. Certificate in Fruits and Vegetables Technology and Diploma in Fruits and Vegetables Technology may be retained keeping in view their acceptability and marketability.

iii. The principles and practices of Food safety are witnessing continuous improvement after the inception of the PGDFSQM programme in 2009. The courses need to be reviewed and strengthen with the developments. A programme review committee may be constituted for the purpose.

iv. The Minutes of the Doctoral committee should be placed for consideration of the School Board instead of placing individual agenda items of Doctoral Committee meeting.

SB.28.1.3 The Board confirmed the minutes **(Annexure-1)** of the 27th Meeting of the School Board held on 11.03.2016 and also its Action Taken Report.

Agenda No. SB.28.2: To consider and approve the Phase-0 form for revision of the courses MVP-002 and MVP-004 under PGDFSQM programme.

SB.28.2.1: Prof. M.K. Salooja, the Programme Coordinator presented the Phase-0 form for revision of the programme explaining the reason for revising two courses of PGDFSQM. He informed that the proposal was approved in the 27th School Board and Phase-0 form has been submitted for approval and further consideration in the Academic Council's Standing Committee as desired by the Academic Coordination Division.

SB.28.2.2 The Board members suggested that the programme needs to be reviewed in the light of changes taken place in the area of food safety in the last 5 years. The Board opined that the programme should be revised as a whole and the revision work may be initiated accordingly. The Programme Coordinator informed that the revision of remaining courses would be taken in phases. He also agreed to specify the launching date of the programme in the Phase-0 form as suggested by some members. The members also suggested that the SOA should develop B.Sc. programme on Food Safety and Quality Management.

SB.28.2.3 The Board approved the Phase-0 form for revision of the courses MVP-002 & MVP-004 under PGDFSQM programme **(Annexure-2)**.

Agenda No.SB.28.3: To consider and approve the Phase-0 form for revision of the courses BPVI-011 and BPVI-017 under DDT programme

SB.28.3.1: Prof. M. K. Salooja, the Programme Coordinator presented the Phase-0 form for revision of the DDT programme. He informed that the proposal was approved in the 27th School Board and Phase-0 form has been submitted for approval and further consideration in the Academic Council's Standing Committee as desired by the Academic Coordination Division. He also agreed to specify the launching date of the programme in the Phase-0 form as suggested by some members.

SB.28.3.2 The Board approved the Phase-0 form for revision of the courses BPVI-011 and BPVI-017 under DDT programme **(Annexure-3)**.

Agenda No. SB.28.4: To consider and approve the concept paper of Certificate Programme on *Jal Mitra*

SB.28.4.1: Dr. Mukesh Kumar, the Proposer of the programme presented the concept note of Certificate programme on *Jal Mitra*. He apprised that during a review meeting for Diploma in Watershed Management programme held in the Department of Land Resources, Ministry of Rural Development, GOI, the members suggested the School to develop a certificate programme to train local water professional - *Jal Mitra* under project mode. The programme aims to develop skills of *Jal Mitra* about different techniques of rainwater harvesting, recycling of waste water, micro-irrigation for efficient utilization of fresh water.

SB.28.4.2 The board suggested following titles to be discussed in the expert group meeting for the programme:

i. Certificate for *Jal Mitra*
ii. Certificate in Water Management for *Jal Mitra*.

The members also advised the School to link the programme with *Pradhan Mantri Sinchai Yojana* and include mechanization of irrigation component in the course content.

SB.28.4.3 The Board approved the concept paper of Certificate Programme on *Jal Mitra* **(Annexure-4)**.

Agenda No. SB.28.5: To consider and approve the Minutes of the 12th Doctoral Committee Meeting for Ph. D in Dairy Science and Technology (PHDDR).

SB.28.5.1: Prof. M. K. Salooja, Programme Coordinator presented the Minutes of the 12th Doctoral Committee Meeting held on 28.07.2016, containing the following agenda items:

1) Minutes of the 11th Doctoral Committee meeting held on 24.02.2016.
2) Half yearly progress reports of four students, i.e. Ms. Kamble Nanda Kumari, Mr. Ashish Khare, Ms. Parul Thapar and Mr. Ankitkumar J. Thesiya enrolled under PHDDR for the period Jan-June, 2016
3) Seminar presentation by Mr. Ankitkumar J. Thesiya.

Dr. Salooja, Programme Coordinator (PHDDR) agreed to take care of the suggestions made by School Board members, in future, regarding reporting of the Progress Report of the PhD students.

SB.28.5.2: The Board approved the Minutes of the 12th Doctoral Committee of Ph.D. in Dairy Science and Technology (PHDDR) **(Annexure-5)**

Agenda No. SB.28.6: To consider and approve the Minutes of the Doctoral Committee meeting for Ph.D. in Agriculture Extension (PHDAGE).

SB.28.6.1: The Director, SOA presented the Minutes of the Doctoral Committee Meeting containing the following agenda items:

1. Action Taken Report of the Doctoral Committee meeting held on 29.02.2016 and pre-thesis submission seminar on 28.04.2016.
2. Half yearly progress reports of nine students of PHDAGE.
3. Minor correction in the thesis title of Mr. Phani Bhusan Jamatia.
4. Panel of Experts for thesis evaluation of two students namely Mr. Dipak Nath and Mr. Surinder Singh of PHDAGE.
5. First Seminar by Mr. Surinder Singh on the topic "Accelerating Agricultural Development by Retaining Youth as catalyst-opportunities and challenges".

The Board suggested to include name of Dr. K.D. Kokate, Director Extension Education, Mahatma Phule Krishi Vidyapeeth, Rahuri, Ahmednagar, in the panel of experts for thesis evaluation of Mr. Surinder Singh.

SB.28.6.2 The Board approved the Minutes of the Doctoral Committee of Ph.D. in Agriculture Extension (PHDAGE) **(Annexure 6)**

Agenda No. SB.28.7: To consider and approve the minor correction in thesis title of Mr. Phani Bhushan Jamatia (Enroll. No.100165630)

SB.28.7.1: Dr. P. K. Jain, the Programme Coordinator informed that Mr. Phani Bhushan Jamatia has submitted the thesis but there was a typographical error in the title of the thesis. As desired by the Research Unit, the Doctoral Committee approved the title of the thesis as "Adoption of True Potato Seed (TPS) Technology in Tripura State".

SB.28.7.2: The Board approved the minor correction in the thesis title of Mr. Phani Bhushan Jamatia.

Agenda No. SB.28.8: To consider and approve the List of Editors for editing the courses of Diploma in Horticulture (DHORT)

SB.28.8.1: Dr. S.K. Yadav, Programme Coordinator presented the list of editors for editing the courses of Diploma in Horticulture programme.

SB.28.8.2: The Board suggested to add the name of Dr. K. Krishna Kumar, Former DDG, Horticulture, ICAR as one of the editors.

SB. 28.8.3 The Board approved the List of Editors for editing the courses of Diploma in Horticulture (DHORT) (Annexure-7).

Agenda No. SB.28.9: To report offering of 3 MOOCs on SWAYAM platform by School of Agriculture in the first Phase

SB.28.9.1: The Director, SOA reported that IGNOU has been identified as one of the verticals for development of the **MOOCs (Massive On-line Open Courses)** at Certificate and Diploma level under the SWAYAM platform of MHRD. The School of Agriculture is developing the following three programmes:

i. Technology of Fermented, Cheese, Ice-cream and By-products
ii. Food Laws & Standards
iii. Indian Agricultural Development

The Director also presented the list of experts being invited for development of the video programmes.

It was recommended that short courses for all the food categories listed in the Indian Food Categories on the FSSAI website should be taken up for over-all skill development in the food sector. This would help in implementation of GMP / GHP (Schedule 4 of the FSSAI Licensing regulations) by the Food Business Operators.

SB.28.9.2: The Board noted the new initiative taken by the School.

AgendaNo. SB.28.10: To report running of Agriculture (Vocational) and Allied Sciences Channel on SWAYAM PRABHA

SB.28.10.1: The Director, SOA reported that the School has been assigned to run a TV channel "**Agriculture (Vocational) & Allied Sciences Channel**" as a part of SWAYAM PRABHA (DTH project for educational excellence by the MHRD, GoI). The School has conceived the name of the channel as **"Krishi Gyan Dhara / Krishi Gyan Vigyan"** and this will have the following four slots of one hour each daily:

1. Awareness Programme/General Awareness Topics and Current Issues,
2. Skill Development Activities/Courses,
3. Vocational cum Entrepreneurial Programmes/Courses, and
4. Professional/PG Courses.

SB.28.10.2: The Board noted the new initiative taken by the School.

AgendaNo. SB.28.11: To consider and approve the names of the experts for editing of two courses of Masters in Agribusiness Management (MABM)

SB.28.11.1: Dr. P.K. Jain informed the Dr. A. Prabhu Kumar has been identified, as one of the expert for editing of the course MAME-032. He also requested for approval of Prof. R.K. Jain as the editor for Block 4 and 5 of the Course Research Methodology and Operation Research (MAM-022).

SB.28.11.2: The Board approved the names of Dr. A. Prabhu Kumar for MAME-032 and Prof. R.K. Jain for Block 4 and 5 of the course MAM-022.

At the end of the meeting, the members suggested the following:

i. The School should develop programmes giving emphasis to the emerging areas like Good Agricultural Practices, Good Animal Husbandry Practices, Good Veterinary Practices, Good Hygienic Practices, Good Manufacturing Practices, Good Transportation Practices, Good Retail practices, Good Storage Practices, etc. There exists a good scope for introduction of such food safety programmes for food business operators.

   Dr. Dave desired that the Awareness programme on Good Agriculture Practices may be revived and shifted to the SOA from erstwhile Centre for Extension Education and that it should be implemented in the form of a Diploma Programme.

ii. The School should also focus on development of skill based programmes in different disciplines of Agriculture and Food Processing.

The meeting ended with vote of thanks to the Chair.

(M.K. Salooja)
Chairman