

Proceedings of the meeting of Board of Studies (BOS), Division of Genetics, Indian Agricultural Research Institute, New Delhi held on 6th July, 2013 at 10.00 am

The following members of Board of Studies were present:

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| 1. Dr. A. K. Singh, Professor | Chairman |
| 2. Dr. K. V. Prabhu, Head | Member |
| 3. Dr. R. K. Sharma, Principal Scientist | Member |
| 4. Dr. S. K. Lal, Principal Scientist | Member |
| 5. Dr. Neelu Jain, Senior Scientist | Member Secretary |
| 6. Mr. Naresh Babu N. | Students' representative |

The 2nd meeting of the BOS for the Academic Session 2012-13 was held in the Professor's chamber of the Division on 6th July, 2013 at 10.00 am under the chairmanship of Professor Dr. A. K. Singh. At the outset, Chairman welcomed the members of the BOS. The Chairman raised the agenda items one by one and each agenda item was thoroughly discussed.

1. Discussion regarding courses, Course leaders and associates for the courses to be offered in Ist trimester 2013-14

Each course to be offered in the Ist trimester 2013-14 was discussed. It was brought out during the discussion that the courses namely, **Quantitative Genetics (GP530)**, **Elements of Plant Breeding (GP520)** and **Fundamental Concepts of Plant Breeding (GP550)** have a lot of duplication in their contents. The BOS decided that a committee may be constituted to look into the reorganization of these courses to avoid duplication in terms of their title and contents, if necessary, they may be merged into two courses. The committee will also look into the fact that why some of the courses are not taken up by the students for the past 2-3 years and to suggest the ways out by making them core/ compulsory courses.

It was brought to the notice of the BOS that the bioinformatics related courses are being offered by different divisions independently. For example, Division of Genetics and PGR (NBPGR) offer it together as **Introduction to Bioinformatics (GP540)** while, Bioinformatics, IASRI, USI, and NRCPB together offer it as **BI 507/ MBB 509/ AS 571-Bioinformatics**. It may be desirable to merge GP540 with BI507 and shift it from Ist trimester to IInd trimester along with BI507.

The major decisions taken with regard to different courses to be offered in Ist trimester are as:

- **Elements of Genetics (Gen100/GP500):** Dr Kiran B. Gaikwad was included as course associate and Ms. Prachi S. Yadav was dropped as she has been deputed on institute attachment training.
- **Quantitative Genetics (Gen 201/GP530):** Dr. K. K. Vinod will be the course associate in place of Dr. Rajendra Kumar, who has left IARI.
- **Fundamental Concepts of Plant Breeding (Gen 241/GP550):** The name of Mr. Azharuddin (IIIrd year Ph.D. student) was added while the name of Dr. Vignesh M., was dropped as he is presently undergoing institute attachment training at TNAU.
- **Seminar (Gen 299/GP 691):** Dr. Shailesh Tripathi was nominated as the Seminar leader.

• **Course-wise list of addition and deletion of names of faculty members**

S. No.	Title of the course	Code No.	Name of Faculty member		
			Existing	Added	Dropped
1	Elements of Genetics	GP 500	1. Dr. Firoz Hossain 2. Dr. A. Talukdar 3. Dr. Gopala Krishnan S. 4. Ms. Prachi S. Yadav	Dr. Kiran B. Gaikwad	1. Ms.Prachi S. Yadav
2	Principles of Cytogenetics	GP 510	1. Dr. Vinod 2. Dr. R.S. Raje 3. Dr. J.B. Sharma 4. Dr P. K. Bhowmick	Dr. Niharika Maiilk	1. Dr. R. S. Raje 2. Dr. P. K. Bhowmick
3	Introduction to Bioinformatics	GP 540	1. Dr. R. L. Sapra 2. Dr. K.V. Bhat 3. Dr. P. K. Singh 4. Dr. Ramya P.	-	1. Dr. Ramya P.
4	Quantitative Genetics	GP 530	1. Dr. K,V. Prabhu 2. Dr. Sujata V. 3. Dr. Ram K. Sharma 4. Dr. Rajendra Kumar	Dr. K.K.Vinod	1. Dr. Rajendra Kumar
5	Breeding Field Crops-I	GP 521	1. Dr. H.K.Dikshit 2. Dr. Jagmail Singh 3. Dr. C. Tara Satyavathi 4. Mr.Asif B. Shikari	Dr. P. K. Bhowmick	1. Mr.Asif B. Shikari
6	Fundamental Concepts of Plant Breeding	GP 550	1. Dr. S. K. Lal 2. Dr. D. K. Yadava 3. Dr. R. S. Raje 4. Dr. Sanjay Kumar 5. Dr. Jyoti Kumari 6. Mr. Vignesh M.	Mr. Azharuddin	1. Dr. Vignesh M.
7	IPR and regulatory mechanisms related to PGR	GP607	1. Dr. Sanjay Kumar 2. Dr. Pratibha Brahmi (PGR) 3. Dr. Sunil Archak (PGR)	-	-
8	Seminar	GP 691	1. Dr. Rajbir Yadav 2. Dr. G.P.Singh 3. Dr. C. Bhardwaj 4. Dr. Naveen Singh 5. Dr. Kiran B. Gaikwad	Dr. Shailesh Tripathi	1. Dr. Rajbir Yadav 2. Dr. G. P. Singh 3. Dr. C. Bhardwaj

2. Application of Dr. Shailendra Jha and Ms. Prachi S. Yadav, Scientists, Division of Genetics for induction to PG faculty

- The candidature of Dr. Shailendra Jha was considered favorably for induction to PG faculty.
- The eligibility of Ms. Prachi S. Yadav for PG faculty of Genetics Division was discussed at length, although she did not meet the minimum three years experience as Scientist for being inducted into the faculty. It was observed that Ms. Yadav has been dealing with practical classes for Elements of Genetics (Gen 100) course for last two years as a Ph.D. student at IARI. This course involves extensive use of *Drosophila*, a model organism for genetics practical and she is the only scientist working on *Drosophila* genetics in the division. Keeping in view the above facts, her candidature was considered for induction to PG faculty in the larger interest of the students.

3. Any other item

- Dr. Zakir Hussain, who was earlier working in NBPGR and was a member of PGR faculty had recently joined as Principal Scientist in the Division, and had requested for change of faculty from Plant Genetic Resources to Genetics Division, IARI. His application was considered favorably by the BOS.

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

(Dr Neelu Jain)
Member Secretary, BOS
Division of Genetics

(Dr A. K. Singh)
Prof. and Chairman, BOS
Division of Genetics

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Revised list of faculty members associated with the courses to be offered in the Ist trimester 2013-14

S.No.	Title of the course	Code No.	Credits	Instructor(s)
1	Elements of Genetics	GP 500	3L+2P	1. Dr. Firoz Hossain* 2. Dr. A. Talukdar 3. Dr. Gopala Krishnan S. 4. Dr. Kiran B. Gaikwad
2	Principles of Cytogenetics	GP 510	3L+2P	1. Dr. J.B. Sharma * 2. Dr. Vinod 3. Dr. Niharika Mallik
3	Introduction to Bioinformatics	GP 540	3L+1P	1. Dr. R. L. Sapra* 2. Dr. K.V. Bhat 3. Dr. P. K. Singh
4	Quantitative Genetics	GP 530	4L+1P	1. Dr. K.V. Prabhu* 2. Dr. Sujata V. 3. Dr. Ram K. Sharma 4. Dr. K. K. Vinod
5	Breeding Field Crops-I	GP 521	2L+1P	1. Dr. H.K.Dikshit* 2. Dr. Jagmail Singh 3. Dr. C. Tara Satyavathi 4. Dr. P. K. Bhowmick
6	Fundamental Concepts of Plant Breeding	GP 550	3L+2P	1. Dr. S. K. Lal* 2. Dr. D. K. Yadava 3. Dr. R. S. Raje 4. Dr. Sanjay Kumar 5. Dr. Jyoti Kumari 6. Mr. Azharuddin**
7	IPR and regulatory mechanisms related to PGR	GP607	3L+1P	1. Dr. Sanjay Kumar* 2. Dr. Pratibha Brahmi (PGR) 3. Dr. Sunil Archak (PGR)
8	Seminar	GP 691	1L	1. Dr. Shailesh Tripathi* 2. Dr. Naveen Singh 3. Dr. Kiran B. Gaikwad

*- Course Leader

** - Ph.D Scholar