

**Department of Plant Biology and Biotechnology  
Loyola College, Chennai – 600 034**

**Minutes of the Board of Studies**

The Board of Studies Meeting held on 09.02.2016 (Tuesday) at 10:30 am in the MRF, Department of Plant Biology and Biotechnology, Loyola College, Chennai – 600 034.

**Agenda:**

1. Review the UG curriculum (2012) based on the feedback of various stake holders and the recommendation of the academic audit committee
2. Suggestions for change in curriculum based on the feedback.
3. Review and discuss the new curriculum suggested
4. Approve the new curriculum for restructuring.

The meeting started with a silent prayer.

The Head of the Department welcomed the members.

The members reviewed the present UG curriculum (2012) based on the feedback report of various stakeholders namely staff, students, alumni, industrial experts and also based on the recommendation of the academic audit committee.

The staff members presented the contents of the curriculum prepared by each of them. The papers were discussed after the presentation. The external members suggested certain corrections and amendments. Justifications were given for introduction of new papers.

The suggestion of the student members, alumni external members and staff were taken into account for revision.

**The members of the Board of Studies, finalised on the curriculum and approved the curriculum for restructuring during 2016.**

**Papers finalised for the Restructuring during 2016 based on the recommendation of the Board of Studies**

Semester	Course Title	Old/ New	Percentage of Modification
I	Algae And Bryophytes	Old	0%
I	Fungi	Old	0%
I	Laboratory course - i (algae, bryophytes& fungi)	Old	0%
I	Basics of Plant Biology	Old	10%
I	Allied Practical I	Old	10%
II	Pteridophytes, gymnosperms and paleobotany	Old	5%
II	Plant anatomy and embryology	Old	50%
II	Laboratory course - ii (pterido. Gymno. And paleo bot. & plant anatomy and embryology)	Old	0%
II	Applied microbiology	Old	10%
II	Applied microbiology practical	Old	10%
III	Microbiology	Old	0%
III	Cell biology and evolution	Old	0%
III	Laboratory course - iii (microbiology, cell biology and evolution)	Old	5%
IV	Angiosperm taxonomy and economic botany	Old	5%
IV	Laboratory course - iv (ang. Taxon and eco. Bot)		
IV	Biological techniques	New	100%
IV	Biological techniques lab	New	100%
IV	Horticulture and landscaping	Old	50%
IV	Horticulture and landscaping lab	Old	100%
V	Principles of agriculture	Old	50%
V	Principles of agriculture lab.	Old	100%
V	Bioinformatics and biostatistics	New	50%
V	Bioinformatics and biostatistics lab	New	100%
V	Ecology, phytogeography and forestry	Old	10%
V	Genetics and plant breeding	Old	0%
V	Laboratory course-vi (genetics and pl. Breeding & ecology, phytogeography and forestry)	Old	10%

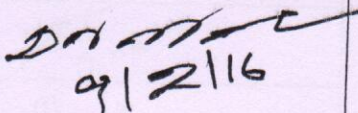
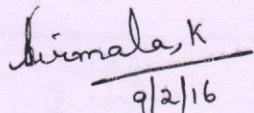
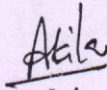
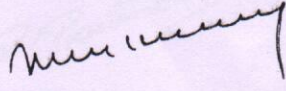
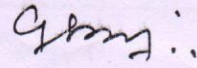
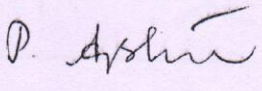
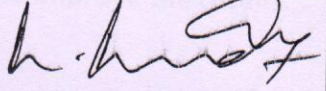
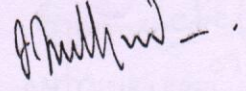
Semester	Course Title	Old/ New	Percentage of Modification
V	Plant physiology	Old	0%
V	Laboratory course- v (plant physiology)	Old	0%
V	Production of mushroom, biofertilizers and single cell protein	Old	20%
VI	Plant diseases and management	Old	0%
VI	Herbal sciences and ethnobotany	Old	0%
VI	Laboratory course- vii (plt. Dis.and mang.,& herbal sciences and ethnobotany)	Old	0%
VI	Plant biotechnology	Old	10%
VI	Laboratory course- ix ( plant biotechnology)	Old	0%
VI	Microbial technology	Old	0%
VI	Environmental biotechnology	Old	25%
VI	Laboratory course-viii (microbial tech. & env. Biotech)	Old	0%

ANTOINE LEBEL, L.

Head

Dept. of Plant Biology and Biotechnology  
Loyola College (Autonomous)  
Chennai - 600 024.

Minutes of the Board of studies in B. Sc., Plant Biology and Plant Biotechnology held on 09.02.2016 (Tuesday) at 10.30 a.m. in the MRF hall, Department of Plant Biology and Biotechnology, Loyola College (Autonomous), Chennai – 600 034.

S. No.	Name	Institution	Signature
01.	Dr. D.Narasimhan	Associate Professor Department of Botany Madras Christian College Tambaram- 600 059 <b>(University Nominee)</b>	 9/2/16
02.	Dr. Nirmala Kanagaraj	Head Dept. of Plant Biology and Biotechnology Stella Maris College Chennai- 600 086 <b>(College Nominee)</b>	 9/2/16
03.	Dr. V.M. Akila	Associate Professor Dept. of Botany Pacchaiyappa's College Chennai- 600 030 <b>(College Nominee)</b>	
04.	Dr. Muthukumar	Main Biocontrol Research Lab Goodwill Avenue Venbakkam-603 111 Chengalpet. <b>(Industrial Expert)</b>	
05.	Dr. G. Ganesan	Scientist M.S.Swaminathan Research Foundation Taramani Chennai-600 113 <b>(Prominent Alumnus)</b>	
06.	Dr. P. Agastian	Associate professor Dept. Plant Biology and Biotechnology Loyola College Chennai- 34	
07.	Dr. R. Ravindhran	"	
08.	Dr. J. Joel Gnanadoss	Assistant Professor Dept. of Plant Biology and Biotechnology	

		Loyola College Chennai - 34	
09.	Dr. G. Jeya Jothi	"	<i>G. Jothi</i> 9/2/16
10.	Dr. I. Jaqueline Chinna Rani	"	<i>I. Jaqueline</i> 9/2/16
11.	Ms. R. Latha	"	<i>R. Latha</i> 9/2/16
12.	Dr. S. Sheela	Co-ordinator M. Sc., Biotechnology Loyola College Chennai-34	<i>S. Sheela</i> 9.2.16
13.	Dr. Shirley George Panicker	Assistant Professor M. Sc., Biotechnology Loyola College Chennai-34	<i>S. George</i>
14.	Ms. Jenifer Udaya	"	<i>Jenifer Udaya</i>
15.	Dr. Prem Kumar	"	<i>P. Kumar</i> 9.2.16
16.	Ms. Sangamithra	"	<i>K. S. Sangamithra</i>
17.	Mr. Preetham	Alumnus of the Department/Lab Instructor	<i>P. Preetham</i>
18.	Mr. Makeesh Kumar Nayak	Student Representative (PG)	<i>M. Makeesh</i>
19.	Mr. Joel Joy M	Student Representative (UG)	<i>J. Joy</i>
20.	Prof. Antoine Lebel L. (Chairman )	Head Dept. of Plant Biology and Biotechnology Loyola College Chennai - 34	<i>A. Lebel</i> 09.02.2016

The Board of studies reviewed the UG syllabus and suggested measures to improve the results.

The minutes of the board of studies is enclosed herewith.

*Antoine Lebel*  
09.02.2016  
ANTOINE LABEL

ANTOINE LABEL, L.  
HEAD  
Dept. of Plant Biology & Biotechnology  
LOYOLA COLLEGE (AUTONOMOUS)  
Chennai - 600 034

**Department of Plant Biology and Biotechnology  
Loyola College, Chennai – 600 034**

**Minutes of the Board of Studies**

The Board of Studies meeting held on 10.02.2016 (Wednesday) at 2:00 pm in the MRF, Department of Plant Biology and Biotechnology, Loyola College, Chennai – 600 034.

**Agenda:**

1. Review the PG curriculum (2012) based on the feedback of various stake holders and the recommendation of the academic audit committee
2. Suggestions for change in curriculum based on the feedback.
3. Review and discuss the new curriculum suggested
4. Approve the new curriculum for restructuring.

The meeting started with a silent prayer.

The Head of the Department(Chairman) welcomed the members.

The members reviewed the present PG curriculum (2012) based on the feedback report of various stakeholders namely staff, students, alumni, industrial experts and also based on the recommendation of the academic audit committee.

The staff members presented the contents of the curriculum prepared by each of them. The papers were discussed after the presentation. The external members suggested certain corrections and amendments. Justifications were given for introduction of new papers.

The suggestion of the student members, alumni external members and staff were taken into account for revision.

**The members of the Board of Studies, finalised on the curriculum and approved the curriculum for restructuring during 2016.**

**Papers finalized for the Restructuring during 2016 based on the recommendation of the Board of Studies**

Semester	Course Title	Old/New	Percentage of Modification
I	Cell and Developmental Biology	New	100%
I	Biochemistry	New	100%
I	Microbiology	Old	40%
I	Immunology	New	100%

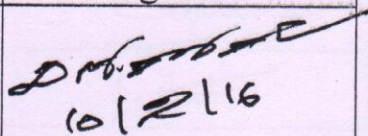
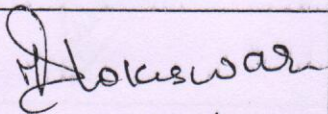
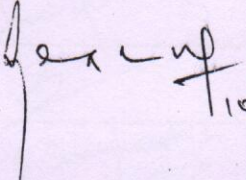
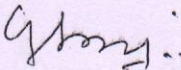
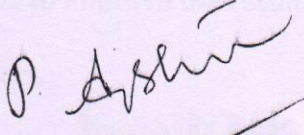
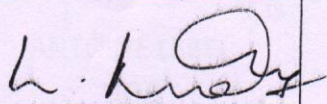
I	Lab -I (Cell &Dev. Bio / Bio.chem.)	New	100%
I	Lab - II ( Microbiology/ Immunology)	New	100%
II	Molecular Biology and Genetic Engineering	New	100%
II	Fermentation Technology	New	100%
II	Environmental Biotechnology	Old	30%
II	Lab - III ( Mol.Bio&Gen.Eng/ Fer.Tech / Env. Biotech.)	New	100%
II	Human Genetics	New	100%
II	Bioanalytical Techniques	New	100%
III	Animal Biotechnology	Old	40%
III	Plant Biotechnology	Old	40%
III	Research Methodology and Bioinformatics	New	100%
III	Lab - IV (Animal Biotech. / Plant Biotech.)	New	100%
III	Nanotechnology	Old	50%
III	Cancer Biology	Old	50%
III	Principles of Food Processing	New	100%
IV	Project	Old	0%

ANTOINE LABEL, L.

Head

Dept. of Plant Biology and Biotechnology  
Loyola College (Autonomous)  
Chennai - 600 034.

Minutes of the Board of studies in M. Sc., Biotechnology held on 10.02.2016 (Wednesday) at 02.00 p.m. in the MRF hall, Department of Plant Biology and Biotechnology, Loyola College (Autonomous), Chennai – 600 034.

S. No.	Name	Institution	Signature
01.	Dr. D.Narasimhan	Associate Professor Department of Botany Madras Christian College Tambaram- 600 059 <b>(University Nominee)</b>	 10/2/16
02.	Dr. T.S. Lokeswari	Head Department of Biotechnology & Biomedical Sciences Sri Ramachandra University Porur, Chennai - 600 116 <b>(College Nominee)</b>	 10/2/16
03.	Dr. Rex Arunraj	Assistant Professor Department of Genetic Engineering SRM University Kattankulathur - 603 203 <b>(College Nominee)</b>	 10/2/2016
04.	Dr. K. Perumal	The Director Sree AMM Murugappa Chettiar Research Centre Taramani Chennai - 600 113. <b>(Industrial Expert)</b>	-
05.	Dr. G. Ganesan	Scientist M.S.Swaminathan Research Foundation Taramani Chennai-600 113 <b>(Prominent Alumnus)</b>	
06.	Dr. P. Agastian	Associate professor Dept. Plant Biology and Biotechnology Loyola College Chennai- 34	
07.	Dr. R. Ravindhran	"	



08.	Dr. J. Joel Gnanadoss	Assistant Professor Dept. of Plant Biology and Biotechnology Loyola College, Chennai - 34	<i>Joel Gnanadoss</i>
09.	Dr. G. Jeya Jothi	"	<i>G. Jeya Jothi</i>
10.	Dr. I. Jaqueline Chinna Rani	"	<i>I. Jaqueline Chinna Rani</i>
11.	Ms. R. Latha	"	<i>R. Latha</i>
12.	Dr. S. Sheela	Co-ordinator M. Sc., Biotechnology Loyola College Chennai-34	<i>S. Sheela</i>
13.	Dr. Shirley George Panicker	Assistant Professor M. Sc., Biotechnology Loyola College Chennai-34	<i>Shirley George Panicker</i>
14.	Ms. Jenifer Udaya	"	<i>Jenifer Udaya</i>
15.	Dr. Prem Kumar	"	<i>Prem Kumar</i>
16.	Ms. Sangamithra	"	<i>K. S. Sangamithra</i>
17.	Mr. Preetham	Alumnus of the Department	<i>Preetham</i>
18.	Joel Joy M.	Student Representative (UG)	<i>Joel Joy</i>
19.	Mahesh Kumar Nayak	Student Representative (PG)	<i>Mahesh Kumar</i>
20.	Prof. Antoine Lebel L. (Chairman)	Head Dept. of Plant Biology and Biotechnology Loyola College Chennai - 34	<i>Antoine Lebel</i> 10.02.2016

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*Antoine Lebel*  
10.02.2016

ANTOINE LABEL

HOD

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