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 ${\sf Board}$

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		0%
III	Cell biology and evolution		0%
Ш	Laboratory course - iii (microbiology, cell biology and evolution		5%
IV			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.		100%
V	Bioinformatics and biostatistics		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%

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ANTOINE LEBEL, L.

Head

Dept. of Plant Biology and Biotechnology
Loyola College (Autonomous)

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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	- Tallie	Institution	Signature
01.	Dr. D.Narasimhan	Associate Professor	Digitature
		Department of Botany	21/2/16
		Madras Christian College	20001
1		Tambaram- 600 059	9 216
00		(University Nominee)	1 '
02.	Dr. Nirmala Kanagaraj	Head	
		Dept. of Plant Biology and	
		Biotechnology	1 - Jak
		Stella Maris College	Swimala, K
	Fig. 80 Cay George Bullion	Chennai- 600 086	9/2/16
	da managara da	(College Nominee)	
		Associate Professor	
03.	D. W. W.	Dept. of Botany	1 1.1
03.	Dr. V.M. Akila	Pacchaiyappa's College	Hele
	Tit. Stem Summer	Chennai- 600 030	1.
		(College Nominee)	
		Main Biocontrol Research	
		Lab	
04.	Dr. Muthukumar	Goodwill Avenue	
	Market Market	Venbakkam-603 111	· · · · ·
		Chengalpet.	municut
		(Industrial Expert)	1,000
	BAT SALVESSALVINAL LINUS	Scientist	
		M.S.Swaminathan Research	
05.	D- 6 6	Foundation	Com.
05.	Dr. G. Ganesan	Taramani	Just
		Chennai-600 113	
		(Prominent Alumnus)	
		Associate professor	
06.	Dr. P. Agastian	Dept. Plant Biology and	0 1 0
	Di. F. Agastian	Biotechnology	P. Arshin
		Loyola College	
<u> </u>	Andrew Andrew Control of the Control	Chennai- 34	
07.	Dr. D. Doudadle		
07.	Dr. R. Ravindhran	"	h harry
	in a second seco		
00	5	Assistant Professor	00 11
08.	Dr. J. Joel Gnanadoss	Dept. of Plant Biology and	flmm/m -
	A CONTRACTOR OF THE PARTY OF TH	Biotechnology	41.

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	-		Chennai - 34	, , ,
	09.	Dr. G. Jeya Jothi	"	9) 40/1/2/1V
	10.	Dr. I. Jaquline Chinna Rani	n	I. agulani
	11.	Ms. R. La d ha	n .	Jah 4 10 116
	12.	Dr. S. Sheela	Co-ordinator M. Sc., Biotechnology Loyola College Chennai-34	gheela. 18.16
	13.	Dr. Shirley George Panicker	Assistant Professor M. Sc., Biotechnology Loyola College Chennai-34	& ha
-	14.	Ms. Jenifer Udaya	, , , , , , , , , , , , , , , , , , ,	Blank wollings.
	15.	Dr. Prem Kumar	"	B 724
-	16.	Ms. Sangamithra	"	K. S. Sanghnites
	17.	Mr. Preetham	Alumnus of the Department/Lab Instructor	K. S. Soughnistra
	18.	Mr. Makesh Kumar Nayak	Student Representative (PG)	Maherley
	19.	Mr. Joel Joy M	Student Representative (UG)	Jackja
	20.	Prof. Antoine Lebel L. (Chairman)	Head Dept. of Plant Biology and Biotechnology Loyola College Chennai - 34	In melebel

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, 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%
Ĭ	Biochemistry	New	100%
I	Microbiology	Old	40%
, T	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 LEBEL, L.
Head

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Depf of Plant Biology and Biotechnology
Loyola College (Autonomous)
Chemial - 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	Deb. 16
		Department of Botany	D 60.200
	\$25\$000 1000 1000 1000 1000 1000 1000 1000	Madras Christian College	12/16
		Tambaram- 600 059	(8 (7
	A Company of the Comp	(University Nominee)	
02.	Dr. T.S. Lokeswari	Head	
		Department of	10/2/16
		Biotechnology & Biomedical	C
		Sciences	10/2/16
	De Shiring Gantile Hantolie	Sri Ramachandra University	
		Porur, Chennai - 600 116	
	A A A A A A A A A A A A A A A A A A A	(College Nominee)	
	Talk Banifer Labor	Assistant Professor	Λ.
		Department of Genetic	Jax entile
03.	Dr. Rex Arunraj	Engineering	yaz Cuy.
		SRM University	110/2
		Kattankulathur - 603 203	
		(College Nominee)	
		The Director	
	M. Arabiben	Sree AMM Murugappa	
04.	Dr. K. Perumal	Chettiar Research Centre	
• 1.		Taramani	
	LASS. SEC. P.	Chennai - 600 113.	
		(Industrial Expert)	
		Scientist	
		M.S.Swaminathan Research	
05.	Dr. G. Ganesan	Foundation	(A)
_05.	Dr. G. Ganesan	Taramani	drand:
	40-00	Chennai-600 113	
		(Prominent Alumnus)	
		Associate professor	
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06.	Dr. P. Agastian	Biotechnology	
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07	Dr. B. Bouladhasa	,,	
07.	Dr. R. Ravindhran		1.1
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Assistant Professor Dept. of Plant Biology and Biotechnology Loyola College, Chennai - 34 10. Dr. I. Jaquline Chinna Rani 11. Ms. R. Latha 12. Dr. S. Sheela 13. Dr. Shirley George Panicker 14. Ms. Jenifer Udaya 15. Dr. Prem Kumar 16. Ms. Sangamithra 17. Mr. Preetham 18. Jael Jay M. Student Representative (UG) 19. Malesh Kuman Nayak 20. Prof. Antoine Lebel L. (Chairman) 10. Dr. J. Jaquline Chinna Rani 11. Ms. Sangamithra 12. Dr. Shirley George Panicker 13. Dr. Shirley George Panicker 14. Ms. Jenifer Udaya 15. Dr. Prem Kumar 16. Ms. Sangamithra 17. Mr. Preetham 18. Jael Jay M. Student Representative (UG) 19. Malesh Kuman Nayak 19. Prof. Antoine Lebel L. (Chairman) 10. Prof. Antoine Lebel L. (Chairman) 11. Ms. Sangamithra Biology and Biotechnology Loyola College Chennai - 34				
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15. Dr. Prem Kumar 16. Ms. Sangamithra 17. Mr. Preetham Alumnus of the Department 18. Joel Joy M. Student Representative (UG) 19. Malesh Kumar Nayat Student Representative (PG) Head Dept. of Plant Biology and Biotechnology Loyola College Chennai - 34	13.	Dr. Shirley George Panicker	M. Sc., Biotechnology Loyola College	Birth
16. Ms. Sangamithra " K. S. Sanghutten 17. Mr. Preetham Alumnus of the Department Production 18. Joel Joy M. Student Representative (UG) Soutient 19. Malesh Kumar Nayak Student Representative (PG) Maheshy Head Dept. of Plant Biology and Biotechnology Loyola College Chennai - 34	14.	Ms. Jenifer Udaya	"	Plank
17. Mr. Preetham Alumnus of the Department Student Representative (UG) 19. Malesh Kumar Nayat Student Representative (PG) Head Dept. of Plant Biology and Biotechnology Loyola College Chennai - 34	15.	Dr. Prem Kumar	"	B
18. Joel Joy M. Student Representative (UG) Soulist 19. Makesh Kumar Nayak Student Representative (PG) Makeshy Head Dept. of Plant Biology and Biotechnology Loyola College Chennai - 34	16.	Ms. Sangamithra	"	K. S. Saughurtva
19. Makesh Kumar Nayak Student Representative (PG) Makeshy Prof. Antoine Lebel L. (Chairman) Head Dept. of Plant Biology and Biotechnology Loyola College Chennai - 34	17.	Mr. Preetham	Alumnus of the Department	A Poulanty.
Prof. Antoine Lebel L. (Chairman) Head Dept. of Plant Biology and Biotechnology Loyola College Chennai - 34	18.	Joel Joy M.	Student Representative (UG)	garliet
20. Prof. Antoine Lebel L. (Chairman) Dept. of Plant Biology and Biotechnology Loyola College Chennai - 34	19.	Mahesh Kumar Nayak	Student Representative (PG)	Maheshy
	20.	(Chairman)	Dept. of Plant Biology and Biotechnology Loyola College	Momelebel 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

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