Course title: Biotec	hnolog	y Law								
Course code	e code No. of credits: 2 L-T-P distribution: 10-18- Learning h		ng hou	ırs: 28	3					
MPL 162			0							
Pre-requisite course code and title (if any): None										
Faculty	Department: Department of Policy Studies (Centre for Postgraduate Legal									
Course coordinator	dinator (c) Course instructor (c) Dr. Shiiu M. V									
Dr. Shiju M. V.	(3)									
Contact details my	shiju@t	eriuniversity.	ac.in							
Course type	Elective									
Course offered in	Seme	ster 2								
 Modern biotechnology is a rapidly evolving discipline and raises many important legal issues. Like many other technological innovations, modern biotechnology has also raised hopes and concerns. An effective regulatory regime on modern biotechnology has to respond to both these hopes and concerns. This course is an attempt to study the regulatory regime on modern biotechnology in India. A comparative analysis of the European and the US regulatory systems, and the evolving international law on the subject set the background for the study of Indian regulations. In addition, the course also addresses the IPR issues in the sector. Course objectives To provide an overview of the Indian regulatory regime on biotechnology in a comparative context. To understand the evolving international law on the subject. 										
context. 2. To understa 3. To analyse	and the	evolving inter	rnational law	v on the su	ubject.		U			
2. To understa 3. To analyse	and the the IPR	evolving inter issues involv	rnational law yed in the sec	v on the su ctor	ıbject.			L	Т	P
Course content Module 1: Introd	and the the IPR	evolving inter issues involv	rnational law yed in the sec	v on the succor	ıbject.			L	Т	P
Course content Module 1: Introd	and the the IPR	evolving inter issues involv	rnational law yed in the sec	v on the su	ubject.	Agricult	ure.	L 4	Т 4	P
Course content Module 1: Introd Biotechnology Pharmaceuticals	and the the IPR	evolving inter issues involv he science	rnational law yed in the sec e – Ap	v on the succtor	ubject.	Agricult	ure,	L 4	T 4	P
Course context. 2. To understa 3. To analyse Course content Module 1: Introd Biotechnology Pharmaceuticals, Different approa regulatory system Multilateral agre Protocol on Bio Genetic Resource Biotechnology. Bioethics, Human Relevant UNESCO	uction uction	evolving inter issues involv he science ry o regulation s: Conventio WTO Agr Food and g, Human Ger rations	rnational law /ed in the sec /e – Ap : Case stud on on Biolo, eements, C Agriculture nome project	y on the succtor pplication dy of the ogical Div Codex All e, Interna	ubject.	Agricult nd the Cartag urius, P Trade	ure, EU gena lant and	L 4	T 4	P
context. 2. To understa 3. To analyse Course content Module 1: Introd Biotechnology Pharmaceuticals, Different approaregulatory system Multilateral agree Protocol on Bio Genetic Resource Biotechnology.	uction - t Indust inches to safety, ces for cloning D Decla atory sy	evolving inter issues involv he science ry o regulation s: Conventio WTO Agr Food and g, Human Ger rations	rnational law yed in the sec e – Ap : Case stud on on Biolo eements, C Agriculture nome project a	y on the succtor	ubject.	Agricult nd the Cartag urius, P Trade	ure, EU gena lant and	L 4 4	T 4 10	P
Course context. 2. To understa 3. To analyse Course content Module 1: Introd Biotechnology Pharmaceuticals, Different approa regulatory system Multilateral agre Protocol on Bio Genetic Resource Biotechnology. Bioethics, Human Relevant UNESCO Module 2: Regula Principles of regular Risk Analysis F Communication Environment (Principles for the magentic states) Rules for the magentic states)	uction - t Indust - t Indust ches to safety, ces for cloning Decla atory sy ulation Framew <i>cotectio</i> <i>nufaction</i>	evolving inter issues involv he science ry o regulation s: Conventio WTO Agr Food and g, Human Ger rations vstem in Indi , Concept of rork: Risk <i>A</i> <i>n) Act, 1986</i> <i>ure, use, imr</i>	rnational law yed in the sec e – Ap c Case stud on on Biolo eements, C Agriculture nome project a precaution Assessment,	y on the succtor	abject.	Agricult nd the Cartag urius, P Trade ment, F	ure, EU gena lant and Risk	L 4 4	T 4 10	P

Institutional Structure, Powers and Functions, Relevant Guidelines and									
Protocols.									
Drugs and Cosmetics Act 1940 – Field Trials and Regulatory Processes									
Food Standards and Safety Authority of India									
Biological Diversity Act 2002									
The Biotechnology Regulatory Authority of India Bill 2013 (BRAI)									
Indicial outlook									
Module 3: Biotechnology Patenting	2	Λ							
Indian Patent Act. 1070 and the 2005 Amondments	2	4							
Patenting of life forms and Genetic information									
LIPOV PVPFR									
Privacy and Data protection									
Total	10	18							
Evaluation criteria	10	10							
Class participation : 10									
Term Papers 25									
Presentations 25									
• Major Test : 40									
Learning outcomes									
By the end of the course, it is expected that the students will:									
1. Be able to appreciate different approaches to biotechnology regulation.									
2. Be familiar with the biotechnology regulatory regime in India.									
3. Have an understanding of the IPR issues in the sector.									
Pedagogical approach									
A mixture of lecture and discussion methods will be adopted. The topics under each module									
will be introduced through an introductory lecture, followed by discuss	sions t	by stu	dents.						
Students are expected to come prepared and initiate discussions on topi	cs that	t have	e been						
assigned beforehand.									
Materials									
Suggested Readings									
1. Grant E. Isaac & William A. Kerr(2003), "GMOs at the WTO – A Harvest of									
Trouble", Journal of World Trade, 37(6): 1083									
2. Ryan Hill, Sam Johnston, & Cyrie Sendashonga (2004), Risk Assessment and									
Precaution in the Biosafety Protocol, <i>RECIEL</i> 13(3): 263-369.									
3. Indur M. Gokiany (2000), "Applying the Precautionary Principle to Genetically Madified Grang", Doline Study, Number, 157, CSAD, Machington, University, St.									
Louis	n uni	versi	ly, Sl.						
Louis. A Duth Mackanzia at al (2002) An Evaluatory Cuida to the Carta	nona D	rotoci	alon						
4. Ruth Mackenzie et al. (2003), An Explanatory Guide to the Cartagend Protocol of Biosafaty Cambridge: IUCN Publications Services									
<i>Diosujety,</i> campriage: IUCN Publications Services. 5 Francioni Francesco and Scovazzi Tullio (eds.) (2006) <i>Biotechnology</i>									
5. Francioni, Francesco and Scovazzi, Jullio (eds.) (2006), Biotechnology and International Law Oxford: Hart Publishing									
6 KD Raju (ed.) (2007) Constically modified organisms: Emerging law and note									
India New Delhi TERI									
7. Sreenivasalu, N. S. (2016). Law Relating to Biotechnology Ne	ew De	lhi: C)xford						
University Press.	20								
8. Rebecca Eisenberg (1989), "Patents and the Progress of Science	. Exclu	sive I	Rights						
and Experimental Use", University of Chicago Law Review, 56: 10	17.		2						

Additional information (if any)

Student responsibilities

Course Reviewers

- 1. Dr. Stellina Jolly, School of Law, South Asian University, New Delhi.
- 2. Dr. Jacob Joseph, National University Advanced Legal Studies, Kochi.