




Faculty Details proforma for DU Web-site

Title	Dr.	First Name	Pushpa Kumar	Last Name	Lakshmanan	Photograph
Designation	Assistant Professor (Stage 3)					
Address	Law Centre-I, Faculty of Law University of Delhi Delhi – 110007 INDIA					
Phone No Office	011-27667991					
Residence						
Mobile	9871820771					
Email	pushpaharvard@gmail.com					
Web-Page						
Educational Qualifications						
Degree	Institution				Year	
Post doc	Harvard University, USA				2013-2014	
Ph.D.	University of Delhi				2011	
LL.M.	Pondicherry University				1997	
LL.B.	Pondicherry University				1995	
BA (Academic Laws)	Pondicherry University				1993	
Career Profile						
Organisation / Institution	Designation			Duration	Role	
University of Delhi	Assistant Professor (Stage-3)			2018-till date		
Nalanda University	Associate Professor			2015-2018		
University of Delhi	Assistant Professor			2005 - 2015		
Hidayatullah National Law University (HNLU), Raipur, C.G.	Lecturer in Law			2004 - 2005		
CPR Environmental Education Centre, Chennai	Education Officer (Environmental Law)			1999 - 2004		
	Advocate			1997-1999		
Administrative Assignments						
<ol style="list-style-type: none">1. Finance Officer (In-charge), Nalanda University (2018)2. Member, Library Committee, Nalanda University (2018)3. Organizer, Distinguished Lectures, Nalanda University. (2017)4. Member, Institutional Complaints Committee, under the Sexual Harassment of Women at Workplace (Prevention, Prohibition and Redressal) Act, 2013. Nalanda University (2016-2017)5. Member, Fact-finding Committee, Nalanda University.6. Member, Tenure Criteria Committee, Nalanda University.						

7. Member, Tender Committee, Nalanda University.
8. Member, Sub-Committee for Finalizing Faculty Advertisements, Nalanda University.
9. Member Procurement Committee, Nalanda University.
10. Member, Attendance Committee, Law Centre-I, Faculty of Law, Delhi University.
11. Member, Library Committee, Law Centre-I, Faculty of Law, Delhi University.
12. Convenor, Faculty Seminar Committee, Law Centre-I, Faculty of Law, Delhi University.

Areas of Interest / Specialization

Core interests

- International Environmental Law, Natural Resources Law, Sustainable Development Law, Law and Development, Law and Technology (Regulation of Biotechnology, Cyberspace, Artificial Intelligence, etc)
- Public International Law, International Human Rights Law
- Legal Architecture for Climate Change and Global Environmental Governance
- Intellectual Property Rights and World Trade
- Biodiversity and Law, Access and Benefit Sharing relating to Indigenous Knowledge and Genetic Resources and Bio-diplomacy
- International Law on Biotechnology and Biosafety
- Indigenous Knowledge and Local Innovative practices for Environment Protection

Allied Interests

- Artificial Intelligence, its legal implications and Future of Governance
- Human Rights and Justice
- International Organizations, Global Peace, Rule of Law

Subjects Taught

Ph.D. : Fundamental Perspectives in Law

LL.M. : 1. Environmental Law (National & International Environmental Law)

2. Intellectual and Industrial Property Laws (Papers I & II)

3. Air and Space Law

4. International Organizations and Human Rights

5. Comparative Jurisprudence

LL.B. : 1. Public International Law

2. Environmental Law

3. Intellectual Property Law

4. Administrative Law

5. Legal Method and Indian Legal System

6. Law of Contract

Time table of the subjects taught during the current semester				
S.No.	Subject	Days	Time	Classroom
1.	Ph.D.	Thursday	3.00-5.00pm	Seminar Hall, Law Centre-I, Faculty of Law (Old Building)
	Fundamental Perspectives in Law	Friday	1.30-3.30pm	
2.	Environmental Law (LL.B.)	Tuesday	2.00-2.55; 2.255-3.50pm	137
		Wednesday	2.00-2.55pm	234
		Thursday	2.00-2.55pm	134
		Saturday	4.45-5.40pm	233
3.	Air and Space Law (LL.M.)	Tuesday	5.30-7.30pm	330
		Thursday	7.30-9.30pm	330
Research Guidance				
<p>Ph.D. Supervision 1 - Awarded 4 - Pursuing</p> <p>LL.M. Dissertation / Interdisciplinary M.Sc/MA/MS Dissertation supervised 35 – Completed</p>				
Publications Profile				
<p>BOOKS/MONOGRAPHS</p> <ol style="list-style-type: none"> Lakshmanan, P. K, Tamil Translation of the Protection of Plant Varieties and Farmers’ Rights Act, 2001, published by M.S. Swaminathan Research Foundation, Chennai (2008). Co-author, Environmental Laws of India – An Introduction (A small introductory book) published by C.P.R Environmental Education Centre, Chennai, 2000. <p>EDITED WORKING PAPER – <u>An initiative of 20 Fulbright Scholars</u></p> <ol style="list-style-type: none"> Lakshmanan, P. K., Dogra, N.K., Garg, P., Khandekar, P., Datta, K. (2016). Indo-US Cooperation on Climate Change. The Road So Far. <i>Green Fulbrighters Forum, India. New Delhi</i> <p>CHAPTERS IN BOOKS</p> <ol style="list-style-type: none"> Lakshmanan, Pushpa Kumar. 2018. IMPLEMENTING THE CONVENTION ON BIOLOGICAL DIVERSITY AND ITS PROTOCOLS IN INDIA in Burra Srinivas and Rajesh Kumar (eds) <i>Locating India in the Contemporary International Legal Order</i>, Springer India, New Delhi (2017). <u>ISBN 978-81-322-3578-1.</u> Lakshmanan, Pushpa Kumar. 2018. IMPLEMENTING NAGOYA PROTOCOL ON ACCESS AND BENEFIT SHARING IN INDIA, in Usha Tandon et al (eds) “BIODIVERSITY: LAW, POLICY AND GOVERNANCE” Routledge – Taylor & Francis, Oxon and New York (2018). <u>ISBN 978-1-138-54324-9.</u> 				

6. Klaus Bosselmann and **Pushpa Kumar Lakshmanan**. 2018. **“THE ATMOSPHERE AS A GLOBAL COMMONS AND CLEANSING IT WITH NEW ENERGY OPTIONS”** in Usha Tandon (ed) **“ENERGY LAW AND POLICY”**, Oxford University Press, New Delhi (2018). ISBN 13:978-0-19-948297-9.
7. Lakshmanan, Pushpa Kumar, Shachi Singh, 2017. **‘ENCOURAGING SOCIALLY SIGNIFICANT LEGAL RESEARCH’** in M. K. Sinha and Deepa Kharb (eds) **“Legal Research Methodology”**, Indian Law Institute (ILI) and Lexis Nexis, New Delhi, pp. 191-214. ISBN 978-93-5035-942-6.
8. Lakshmanan, Pushpa Kumar, Alice Skipper, Brian Hayes, 2016. **ENVIRONMENTAL LAW** in Shaun Star (ed.) **AUSTRALIA AND INDIA: A COMPARATIVE OVERVIEW OF THE LAW AND LEGAL PRACTICE**, Universal Law Publishing and Lexis Nexis, New Delhi. ISBN 978-93-5035-625-8.
9. Lakshmanan, Pushpa Kumar. 2006. **HOW SHOULD WE TEACH: TEACHING METHODS AND TOOLS OF TEACHING**, in **BUILDING CAPACITIES: LEARNING FROM EACH OTHER**, Report of the three-day Teachers’ Training Workshop: 19 - 21 April 2006, Law Centre – I, Faculty of Law University of Delhi, Delhi-110007, Edited by Professor Ved Kumari, United States Education Foundation in India (USIEF), 2006.

RESEARCH ARTICLES

10. Lakshmanan, Pushpa Kumar, Shachi Singh, S. Asta Lakshmi on a research paper on **Paris Agreement on Climate Change and India**, Journal of Climate Change, vol. 3, no. 1, pp. 1-10, 2017 DOI: 10.3233/JCC-170001 ISSN 2395-7611 (P); ISSN 2395-7697 (E).
11. Lakshmanan, Pushpa Kumar, **An Inquiry into the Biological Diversity Act, 2002 in light of the Nagoya Protocol on Access and Benefit Sharing**, Journal of Law Teachers of India, 6 JLT-I (2015) pp. 35-55. ISSN 2231-1580.
12. Lakshmanan, Pushpa Kumar, and Lakshmanan S, **Protecting Traditional Knowledge: Can Intellectual Property Rights help?** Anc. Sci. Vol 1, Issue 2 (2014) pp.30-41. eISSN: 2373-7964.
13. Lakshmanan, Pushpa Kumar, **“Biotechnology Regulation: The Evolving Legal Framework in India”**, Journal of Law Teachers of India, I JLT-I (2011) pp. 145-166. ISSN 2231-1580.
14. Asta Lakshmi, Lakshmanan, Pushpa Kumar, and Sridhar R, **Coastal Management Law in Transition: A Look at Evolving Participatory Environmental Governance in India**, Delhi Law Review, XXX DLR (2011) pp. 60-74. ISSN 0973-001X.
15. Lakshmanan, Pushpa Kumar, **“Challenges for Law in Regulating Stem Cell Research, Therapeutic and Reproductive Cloning: A Global Perspective”**, National Capital Law Journal, X-XI NCLJ (2005-2006) pp. 164-191. ISSN 0973-001X.

16. Lakshmanan, Pushpa Kumar, **“India and the Patent Regime: Grandmom Shackled”** published in *‘Combat Law: The Human Rights and Law Bimonthly,’* Volume 4, Issue 2: 2005, (Special Issue on Patents.)
17. Lakshmanan, Pushpa Kumar, **“Environmental Law and Policy for Sustainable Development: Issues and Strategies”**, Conference Papers of the *International Satellite Seminar on Environmental Policy, Legislation and Enforcement*, Global Eco-Meet Prithvi 2005, Published by Swadeshi Science Movement, Thiruvananthapuram, 2005.
18. Lakshmanan, Pushpa Kumar, **“Patenting Basmati: Its Implications on Intellectual Property Rights of Indian Farmers”** proceedings of the *National Seminar on ‘Intellectual Property Laws in the New Millennium – Changes and Challenges’* published by the Tamilnadu Dr.Ambedkar Law University, Chennai, 2002.
19. Lakshmanan, Pushpa Kumar, **“Legal Aid for Environmental Cases”** published in *‘Nyaya Kiran’* Official Newsletter of Delhi Legal Services Authority, Vol. 4, Issue 1, January -March 2005.

BOOK REVIEW

20. Lakshmanan, Pushpa Kumar, **Copyright and Related Rights: National and International Perspectives by Alka Chawla, (2007)** Macmillan India Ltd., New Delhi, Delhi Law Review, XXVIII–XXIX DLR (2006-2007) pp. 296-299. ISSN 0973-001X.

Publications in the Last one year

1. Lakshmanan, Pushpa Kumar. 2018. **IMPLEMENTING THE CONVENTION ON BIOLOGICAL DIVERSITY AND ITS PROTOCOLS IN INDIA** in Burra Srinivas and Rajesh Kumar (eds) *Locating India in the Contemporary International Legal Order*, Springer India, New Delhi (2017). ISBN 978-81-322-3578-1.
2. Lakshmanan, Pushpa Kumar. 2018. **IMPLEMENTING NAGOYA PROTOCOL ON ACCESS AND BENEFIT SHARING IN INDIA**, in Usha Tandon et al (eds) **“BIODIVERSITY: LAW, POLICY AND GOVERNANCE”** Routledge – Taylor & Francis, Oxon and New York (2018). ISBN 978-1-138-54324-9.
3. Klaus Bosselmann and **Pushpa Kumar Lakshmanan.** 2018. **“THE ATMOSPHERE AS A GLOBAL COMMONS AND CLEANSING IT WITH NEW ENERGY OPTIONS”** in Usha Tandon (ed) **“ENERGY LAW AND POLICY”**, Oxford University Press, New Delhi (2018). ISBN 13:978-0-19-948297-9.

INTERNATIONAL CONFERENCES /SEMINARS

- 1 **“Relevance of Research in Revamping Legal Education,”** International Conference on Global Legal Education: Best Practices in Teaching and Research, organized by the Faculty of Law, University of Delhi, 11th -13th March, 2016.
- 2 **“The Issues and the Challenges of Implementing the Nagoya Protocol on Access and Benefit Sharing in India,”**International Conference on Conservation of Biodiversity and Sustainable Energy: Law and Practice, organized by Campus Law Centre, Faculty of Law, University of Delhi, 12 -14 February, 2016.

WORKSHOPS, WINTER / SUMMER COURSES AND TRAINING PROGRAMMES

- 3 Resource person in two Workshops on “Environmental Conservation and Judicial Intervention” for Senior Forest Officers of Jharkhand State, Ranchi on 20 January 2016 and 21 January 2016 and spoke on **“Environmental Laws and Environmental Jurisprudence in India.”**
- 4 Resource person in the two day training programme for the Forest Officers of Madhya Pradesh on Biodiversity related issues at Bhopal organized by the M.P. State Biodiversity Board, Bhopal during 15-16 October 2015 and spoke on **“Legal Provisions related to biodiversity & its implementation by Forest Officers”**.
- 5 Delivered a talk on **“Copyright for Researchers”** in the Library Event on Online Databases, Copyright Issues and Plagiarism at Nalanda University on December 08, 2015.
- 6 Participated as a discussant in the **Fourth Global Congress on Intellectual Property and the Public Interest**, National Law University, Delhi, India 15-18 December 2015.
- 7 Resource person for one-day sensitization programme on **Biological Diversity Acts and Rules** for the research scientists organized by Odisha Biodiversity Board at Bhubaneswar on 19 December 2015.
- 8 **Two Lectures on “Extradition and Asylum in International Law”**in the Summer Course on "International Law" organized by the Indian Society of International Law (ISIL) on 09-06-2015.

INVITED TALKS

- 9 **Plenary Talk on Role of Science, Technology in Contemporary Environmental Law**, in the National Seminar on Law, Science and Technology, VIT Law School, VIT University, Chennai, 23 July 2016.
- 10 **Guest Lecture on Indian Environmental Jurisprudence**, VIT Law School, VIT University, Chennai, 23 July 2016.
- 11 **Chaired a Paper Presentation Session** in the *National Seminar on Law, Science and Technology*, VIT Law School, VIT University, Chennai, 23 July 2016.
- 12 **Guest Lecture on International Environment Accords** on 7th March 2016 in the 129th **International Training Programme on “Environment Audit”** organized by **International Centre for Information Systems and Audit** for delegates from **34 countries** during 15 February to 11 March 2016.

INTERNATIONAL LAW, INTERNATIONAL NEGOTIATIONS / CAPACITY BUILDING PROGRAMMES

- 13 Participated in the **National Level Consultative meeting on sharing the outcome from COP-MOP8, Cancun and planning follow up activities** organized by the Ministry of Environment, Forest and Climate Change, Government of India, Indira Paryavaran Bhawan, New Delhi on 19 January 2017.
- 14 Participated in the **‘Roundtable Consultation on Resolving Legal Ambiguity related to IPR and Access to Technology’** organized by Research and Information System (RIS), India Habitat Centre, New Delhi on 27 July 2016.

Research Projects (Major Grants/Research Collaboration)

1. Research Project on **“Regulation of Agricultural Biotechnology in India: A Critical Study of Legal and Policy Frameworks,”** University of Delhi, 2008-2009.
2. Co-author and Advisory Committee Member, Research Project on **“Implementation of Environmental Statement in Tamil Nadu”** carried out by CPR Environmental Education Centre, Chennai under the National Project **“From Policy to Action: Strengthening the Implementation of Environmental Law in India”** conducted by *Environmental Law Institute, Washington D.C (1998-99)*.

AWARD AND FELLOWSHIPS

- 1 **Fulbright Scholar, Fulbright-Nehru Postdoctoral Research Fellow**
Harvard Law School, Harvard University. USA 2013-14
- 2 **Faculty Associate, Berkman Klein Center for Internet and Society**
Harvard Law School, Harvard University, USA, 2013-14, 2014-15, 2015-16.
- 3 **Research Professor (Honorary)**
World Institute for Scientific Exploration, Baltimore, USA. Since June 2014.
- 4 **Visiting Scholar, University of Washington School of Law**
University of Washington, Seattle, USA, November 2012.
- 5 **Research Fellow**
Max Planck Institute for Comparative Public Law and International Law, Heidelberg, Germany, 2009.
- 6 **Visiting Fellow and completed a Certificate Course** in “Law Teaching and Legal Research Skills Programme” British Council, New Delhi and Cardiff Law School, Cardiff University, UK, during February-March 2006.
- 7 **International Visitor Programme in the USA, US Department of State** in August 2003 on “Urban Environmental Issues.”

DISTINCTIONS

8. **Biosafety Expert in the INTERNATIONAL ROSTER OF EXPERTS for the Biosafety Clearing House**, under the Cartagena Protocol on Biosafety to the Convention on Biological Diversity. (6/5/2016 to till date)

<https://bch.cbd.int/database/record.shtml?documentid=110298>
9. **INTERNATIONAL NEGOTIATIONS:** Represented India as an **Official Indian Delegation Member** in the **COP11-MOP6 to the Convention on Biological Diversity and the Cartagena Protocol on Biosafety** in Hyderabad, 1-19 October 2012.
10. Member, **National Level Expert Committee on Access and Benefit Sharing (ABS)**, the National Biodiversity Authority (NBA), Ministry of Environment, Forests and Climate Change, Govt. of India. 2017-18.
11. Member, **National Level Expert Committee to revise the existing ABS agreements**, the National Biodiversity Authority (NBA), Ministry of Environment, Forests and Climate Change, Govt. of India. 2015-16.

12. Member, **Core Expert Group on Designated Repository** to review the functioning of existing National Repositories and to develop their specific mandates as well as working guidelines, the National Biodiversity Authority, Ministry of Environment, Forests and Climate Change, Govt. of India. 2015.

13. Member, **National Level Statutory Expert Committee on Agro-biodiversity**, the National Biodiversity Authority, Ministry of Environment, Forests and Climate Change, Govt. of India. 2016. (A National Level Statutory Committee under the Biological Diversity Act, 2002)

Association With Professional Bodies

1. Founding Convenor, Green Fulbrighters of India Forum (GFIF)
2. Founding Member, Authors Alliance, USA
<https://www.authorsalliance.org/about/#founders>
3. Member, Global Alliance for Justice Education (GAGE)
4. Member, Gender and Legal Association (GALA)
5. Associate Member, Indian Society of International Law (ISIL)
6. Member, World Institute for Scientific Exploration (WISE)

Other Activities

NEW INITIATIVES AND RESPONSIBILITIES

1. Founding Convenor, **Green Fulbrighters of India Forum (GFIF)**, New Delhi, India, initiated a working paper on Indo-US cooperation on Climate Change amongst the Fulbright Scholars and edited it as a Lead Editor.
2. Convenor, **Faculty Seminar Committee**, LawCentre-I, Faculty of Law, University of Delhi, Delhi (2012). Conducted **11 Seminars** successfully.
3. Established **Environmental Law Society**, Law Centre-I, Faculty of Law, University of Delhi, Delhi in 2006 and Convenor (2006-2007).
4. Established **Environmental Law Clinic**, Hidayatullah National Law University, Raipur in 2004 and Convenor (2004-2005).
5. Established **Centre for Environmental Law Education (CELE)** at the CPR Environmental Education Centre, Chennai and served as Head and Officer In-charge, (CELE), 2000-2004.

MAJOR POLICY DOCUMENTS/ADVICE TO THE GOVERNMENT OF INDIA ON NATIONAL POLICY MATTERS IN RATIFYING INTERNATIONAL LAW AND IMPLEMENTING THEM IN INDIA

1. **'The Policy Paper on Liability and Adequate Measures with respect to Genetically Engineered Products developed through Indo-Swiss Collaboration in Biotechnology'** for the Inter-governmental project between Department of Biotechnology (DBT), Government of India and Swiss Agency for Development and Cooperation (SDC), Federal Department of Foreign Affairs, Government of Switzerland (2016).
2. **"Implementation of Nagoya Protocol on Access and Benefit Sharing"** and prepared draft orders and rules to make the Biological Diversity Act in compliance with the Nagoya Protocol, National Biodiversity Authority (NBA) (July, 2013).
3. **"Nagoya-Kuala Lumpur Supplementary Protocol on Liability and Redress and its Legal Implications for India"** and submitted Report on the suitability of ratification of the Nagoya-Kuala Lumpur Supplementary Protocol on Liability and Redress, *Ministry of Environment and Forests, Government of India*. (February, 2012).
4. **"Legal Implications of Nagoya Protocol on Access and Benefit Sharing for India"** and submitted Report on the suitability of ratification of the Nagoya Protocol on Access and Benefit Sharing, *National Biodiversity Authority, Chennai and the Ministry of Environment and Forests, Government of India*. (October, 2011).

LAW / RULES / POLICY MAKING EXPERIENCE

5. Assisted the Ministry of Environment and Forests and Climate Change (MoEF&CC), Government of India and National Biodiversity Authority (NBA) in taking appropriate measures to make the **Biological Diversity Act, 2002** in line with the **Nagoya Protocol on Access and Benefit Sharing, 2010** and helped in drafting the amendments / notifications / orders to be issued by the MoEF and NBA in this regard.
6. Worked with Prof. M.S. Swaminathan in drafting the **Women Farmers' Entitlement Bill, 2011**. The Bill was introduced in the Upper House of the Parliament (Rajya Sabha) by Professor M S Swaminathan, Member of Parliament as Private Member Bill on 11th May, 2012.
7. Suggested a **Model Law for making "Climate Risk Management Act, 2008"** in the Annual Inter-disciplinary Dialogue on "Community Management of Climate change, Role of Panchayats and Nagarpalikas (local bodies)" organized by the M.S. Swaminathan Research Foundation, Chennai, April 19-21, 2008.

8. **Drafted Rules** for the **Protection of Plant Varieties and Farmers' Rights Act, 2001** as a Member (Legal) of *Dr. Bala Ravi Committee* set up by the M.S. Swaminathan Research Foundation under the auspicious of Food and Agriculture Organisation of United Nations (FAO) and the Ministry of Agriculture, Government of India. Submitted to the Government of India and based on that the final Rules were formulated in 2003.
9. Provided inputs for the **Draft Biodiversity Rules** in the process of making rules to **the Biological Diversity Act, 2003** by the Ministry of Environment and Forests, Govt. of India (2003).
10. Reviewed the **National Biodiversity Strategy and Action Plan (NBSAP)** and provided inputs to the NBSAP and participated in the final workshop in New Delhi, during December 20-23, 2002.

Signature of Faculty Member