

ESWAR THEAGARAJAN

EDUCATION

PhD in Law, *The University of Edinburgh*

(Sep 2025-Aug 2028)

Doctoral Thesis “*Astromining – An Examination of Use, Appropriation and Benefit Sharing of Outer Space Resources Under the Outer Space Treaty*” undertaken in the realm of Outer Space Law, examining the legality of extraterrestrial resource exploitation under the Outer Space Treaty.

LLM in Innovation, Technology and the Law, *The University of Edinburgh*

2023

A specialist degree in a niche field of Law, delving into pioneering and futuristic courses, the unique blend of which traverses uncharted waters in the legal domain, shaping future policies and laws.

Dissertation – “*Beyond the Algorithm: An Analysis of Creativity in Generative AI under Copyright Law*” – A legal scrutiny on the unexplored gap between existing copyright law and Generative AI’s “creativity”.

Courses Undertaken in LLM:

- Robotics, AI & the Law
- Data Protection & Information Privacy
- Cybercrime & Cybersecurity
- Space Law
- Human-Computer Interaction & Governance
- Legal Challenges of Information Technology
- Intellectual Property Law - Patents & Trademarks

Activities: Shortlisted as a “*Top Ten Best Paper*” among the entire School of Law in Slaughter & May’s Essay Competition “*The Future of the Legal Profession*”

BBA & LLB(Hons), *SASTRA University*

A specially designed honours degree with a versatile multi-disciplinary approach, conducting a meticulous study of diverse Management and Law Courses.

Activities:

- 2nd Best Memorial Award as Researcher, GIL National Moot Court Competition 2019
- Semi Finalist as First Speaker, KG Shah 5th National Moot Court Competition, 2020

PROFESSIONAL EXPERIENCE

Research Assistant, University of Edinburgh

For the UK Space Agency funded Project “*Atmospheric ablation: the potential environmental impact of space debris re-entering Earth’s upper atmosphere*”

UKSA funded Study on space debris ablation during re-entry and the resultant impact on the atmosphere and environment. Integrating scientific analysis and data with policy and space law, submitted findings analyzing the barriers, gaps, and future policies on space debris mitigation and sustainability. My work focused on analyzing international space law, including treaties and sustainability guidelines, to identify regulatory gaps and propose policy solutions for sustainable future space governance.

Lecturing and Teaching Experience, University of Edinburgh

Delivered lectures on space law to classes enrolled in diverse courses in the fields of science, law, economics and policy as detailed below:

- Circular Economy Intensive Workshop at Edinburgh Futures Institute – Explaining Kessler’s Syndrome and a critical examination of its present solution ‘Design for Demise’ as an insufficient fragmented and liner solution, theorizing how a Circular Space Economy might instead address the problem.
- Astrobiology – Introduction to Space law, delving into orbital and extraterrestrial (specifically, lunar) contamination and policies under International Space Law and other soft laws to combat the same.
- Global Law – Introduction to Space Law with focus on its highly polycentric and normatively pluralistic nature fitting in with Global Law scholarship.
- Waste Law – Space as the final frontier of waste-dumping, examination of the 225 tons of moon waste and the tragedy of the commons due to space debris in orbit

Junior Research Fellow, European Institute of Policy Research and Human Rights

Undertook Jurisprudential, Governance and Policy research as the Junior Research Fellow under the training from EIPRHR and published a research output entitled “*Reshaping Cybersecurity Amid the Quantum Arms Race*”.

Legal Associate, K Gaurav Kumar & Associates

Sep 2021 – Aug 2022

A Law Firm with a wide array of practices, predominant in Insolvency & Company Law matters.

- Proficiency in the art of court appearances, legal drafting, research, and briefings in diverse labyrinths of laws.
- Dealt with multifarious legal, compliance, business and secretarial cases, representing over 100 clients.

PUBLICATIONS

Transitioning to a Circular Space Economy, submitted to *Cambridge University Press*

Preventing the Transboundary Harm Created by Space Debris Re-entering Earth’s Upper Atmosphere, submitted to *Space Policy*

Beyond the Burning: Researching and Implementing Policy Solutions for Sustainable Debris Ablation, Reports written and submitted to UK Space Agency, made public in August 2025.
<https://www.southampton.ac.uk/research/projects/d-as-impact-of-space-activities-on-the-earth-atmosphere>

PASSIONS & HOBBIES

International FIDE Rated Chess Player

Basketball, Tennis

Sketch Art, Painting

Piano

FLUENCY

Tamil - *Native*

Hindi – *Fluent*

English – *Native*

Japanese – *Beginner*