



CHRIST
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Notice for the PhD Viva Voce Examination

Mr Anish Dey, Registration Number: 2072003, PhD Scholar at the School of Law, CHRIST (Deemed to be University) will defend his PhD thesis at the public viva-voce examination on Thursday, 14 May 2026 at 10.00 am in Room No. 044, Ground Floor, R&D Block, CHRIST (Deemed to be University), Bengaluru - 560029, Karnataka, India.

- Title of the Thesis** : **Legal Challenges in Promoting the Sustainability of Space Activities with Specific Reference to Orbital Debris**
- Discipline** : **Law**
- External Examiner - I** : **Dr Aneesh V Pillai**
Associate Professor
School of Legal Studies
Cochin University of Science and Technology
Kochi - 682022
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- External Examiner - II** : **Dr Biswanath Gupta**
Associate Professor
Jindal Global Law School
O.P. Jindal Global University
Sonipat-Narela Road, Sonipat
Haryana - 131001, Delhi NCR
- Supervisor** : **Dr Jithin V J**
Assistant Professor
School of Law
CHRIST (Deemed to be University)
Bengaluru - 560029
Karnataka

The members of the Research Advisory Committee of the Scholar, the faculty members of the Department and the School, interested experts and research scholars of all the branches of research are cordially invited to attend this open viva-voce examination.

Place: Bengaluru
Date: 25 April 2026

Registrar (Academics)

ABSTRACT

Subsequent to the 1957 launch of Sputnik, the field of space exploration has undergone changes considerably, incorporating technology advances and expanding human activities such as space tourism, colonisation, and resource exploitation. However, this rapid expansion has created urgent difficulties, such as space pollution, unequal access to orbital spaces, and insufficient governance of space resources. Orbital debris, which consists of non-operational satellites and mission leftovers, endangers active satellites and the long-term utilisation of orbital regions vital for communication and Earth monitoring. Current mitigation strategies, such as relocating satellites, are resource costly and unsustainable. Sustainability concepts developed from international environmental law, such as the Brundtland Report and the Rio Declaration, provide a framework for reforming space law. Intergenerational equity, the precautionary principle, and effective governance are all key principles. These principles promote equitable resource distribution, transparent decision-making, and preventative steps to avert environmental damage. Integrating these concepts into international space law can address present issues, encourage fair access, and assure environmental stewardship in outer space. To summarise, revising international space law by incorporating sustainability principles is critical to closing the gap between technical improvements and legal frameworks. By assuring equitable and ethical exploration and use of outer space, humanity can protect the environment as a common resource for present and future generations. This study emphasises the critical need for a comprehensive legislative framework that balances development in space exploration with environmental protection and intergenerational equality.

Keywords: *Orbital Debris, Outer Space Activities, Space Sustainability, Space Commercialisation, Space Exploration*

Publications:

1. **Dey, Anish.**, Jagadanandan, J, (2024). Study on Space Debris Mitigation Under the National Space Laws, *University of Bologna Law Review*, 9(1), pp. 45-72, <https://doi.org/10.6092/issn.2531-6133/19718>.
2. **Dey, Anish.**, Jagadanandan, J, (2024). A common law in space for public health, *Acta Astronautica*, 225, pp. 252–262, DOI:<https://doi.org/10.1016/j.actaastro.2024.09.006>.
3. **Dey, Anish.**, Jagadanandan, J. (2024) Unveiling the realm of AI governance in outer space and its importance in national space policy, *Acta Astronautica*, pp. 253–264, DOI: 10.1016/j.actaastro.2024.11.022.
4. **Dey, Anish**, Jagadanandan, J. (2025) Balancing commercialization and sustainability in outer space: Addressing new challenges, *Acta Astronautica*, pp. 895–900, DOI: 10.1016/j.actaastro.2025.02.010.



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CU:CFR:PhD:05/26
05 May 2026

Office of Registrar

Corrigendum Notice

PhD Viva Voce Examination

PhD Viva Voce Examination of Mr Anish Dey, Registration Number: 2072003, PhD Scholar in Law, communicated vide Notification dated 25th April, is rescheduled for Friday, 15 May 2026 at 12.00 Pm, in Room No. 044, Ground Floor, R&D Block, CHRIST (Deemed to be University), Bengaluru - 560029, Karnataka.

All other details remain unchanged.

For CHRIST (Deemed to be University),

(Dr Anil Joseph Pinto)
Registrar

Registrar
CHRIST (Deemed to be University)
Bengaluru - 560 029

