



**AMITY SCHOOL OF ENGINEERING AND TECHNOLOGY, AUUP  
IN COLLABORATION WITH  
NATIONAL MISSION OF CLEAN GANGA, Ministry of Jal Shakti, Govt of India**

**Presents**

**National Workshop**

on

**“Innovate for River Restoration, Revival and Rejuvenation: LiDAR Data & Solution Platform”**

***(Pre-Hackathon Workshop of Riverathon 1.0 – A National Level Hackathon)***

**&**

**Ganga Utsav**

*“Voices and Rhythms of River: Technical and Cultural Expressions”*


*Date: 3<sup>rd</sup> - 4<sup>th</sup> November 2025*

Online Link: <https://amity-edu.zoom.us/meeting/register/aRb-IU2lQn6TO604LO2Dng>

**PROGRAMME SCHEDULE**

**3rd Nov 2025 | First Day**

<b>Time</b>	<b>Programme</b>
<b>10:00 AM – 05:30 PM</b> Technical Workshop on “Innovate for River Restoration, Revival and Rejuvenation: LiDAR Data & Solution Platform” (Pre-Hackathon Workshop of Riverathon 1.0 – A National Level Hackathon) Venue: I2-Moot Court	
10:00-11:00 AM	Registration of Technical Workshop
11:00-11:05 AM	Inauguration of Technical Workshop
11:05-11:10 AM	Welcome Address by Prof. (Dr.) Manoj Kr. Pandey, Director, Amity School of Engineering and Technology (ASET), Chair & Co-PI, Riverathon 1.0
11:10-11:15 AM	Introduction of Technical Workshop by Prof. (Dr.) Madhuri Kumari, Professor, Dept of Civil Engineering, ASET & PI, Riverathon 1.0
11:15- 11:20AM	Address by Prof. (Dr.) Balvinder Shukla, Vice Chancellor, Amity University Uttar Pradesh & Patron, Riverathon 1.0

11:20-11:30 AM	A Brief Presentation on LiDAR Data by Mr. Rohit Gaur, Superintending Surveyor Geodetic & Research Branch, Survey of India
11:30-11:35 PM	Riverathon 1.0 Way Forward by Shri. Peeyush Gupta, RTIS, NMCG
11:35-11:45 PM	Introduction to Workshop Agenda by Dr. Seema Joshi, Vice President, ESRI India
11:45 -12:00 PM	BREAK – Networking Tea
12:00-01:30 PM	<p>Session Track 1: <b>About ESRI India</b></p> <ul style="list-style-type: none"> <li>- <b>Purpose</b></li> <li>- <b>Value Proposition</b></li> <li>- <b>Technology, Products &amp; Services</b></li> <li>- <b>Presence</b></li> </ul> <p>Speaker: <b>Dr. Seema Joshi, Vice President, ESRI India</b></p>
01:30-02:30 PM	LUNCH
02:30-03:00 PM	<p>Session Track 2: <b>Introduction to GIS</b></p> <ul style="list-style-type: none"> <li>- <b>What is GIS and why it matters?</b></li> <li>- <b>Raster data (imagery, elevation, continuous surfaces)</b></li> <li>- <b>Vector data (points, lines, polygons, boundaries)</b></li> <li>- <b>Five key components of GIS (Data, Hardware, Software, People, Workflows)</b></li> </ul> <p>Speaker: <b>Dr. Seema Joshi, Vice President, ESRI India</b></p>
03:00-04:00 PM	<p>Session Track 2: <b>LiDAR Data</b></p> <ul style="list-style-type: none"> <li>- <b>What's LiDAR?</b></li> <li>- <b>LiDAR Data for the Riverathon</b></li> </ul> <p>Speaker: <b>Dr. Seema Joshi, Vice President, ESRI India</b></p>
04:00-05:30 PM	<p>Session Track 2: <b>ArcGIS as a solution platform</b></p> <ul style="list-style-type: none"> <li>- <b>Introduction to ArcGIS - Extensions in ArcGIS</b></li> <li>- <b>ArcGIS Configuration</b></li> <li>- <b>Use of LiDAR Data on ArcGIS</b></li> </ul> <p>Speaker: <b>Mr. Sarthak Jhaldiyal, Assistant Manager - Customer Success, ESRI India</b></p>
	<p>Supported By</p>  THE WORLD BANK
	<p>Solution Partner</p> 