
















आवास और शहरी विकास विभाग जम्मू और कश्मीर  
GOVERNMENT OF JAMMU AND KASHMIR  
HOUSING & URBAN DEVELOPMENT DEPARTMENT

## TECHNICAL HELP

Terminology	Description
Pre DCR	<ul style="list-style-type: none"><li>Pre-DCR is a preliminary validation process that checks whether the building plan (drawing file) is technically correct and formatted properly before it is officially submitted for automated scrutiny as per the DCR rules.</li></ul>
AutoCAD	<ul style="list-style-type: none"><li>AutoCAD stands for Automatic Computer-Aided Design. It is a design and drafting software application created by Autodesk Inc. It allows users to create precise technical drawings, blueprints, and 3D models on a computer instead of drawing them manually on paper.</li></ul>
AutoDCR	<ul style="list-style-type: none"><li>AutoDCR (short for Automatic Development Control Rules checking) is a software system used by government authorities and urban local bodies to automatically verify building plans as per the Development Control Regulations (DCR) or Building Bye-laws.</li></ul>
Minimum System Requirements	<ul style="list-style-type: none"><li>Windows 10 (64-bit) or later</li><li>Intel Core i3 (10th Gen or above) or equivalent</li><li>8 GB or more</li><li>5 GB free space (for temp &amp; backups)</li><li>Dedicated GPU (2 GB VRAM or higher)</li><li>AutoCAD 2016 or higher preferred</li></ul>
GIS-based Master Plan	<ul style="list-style-type: none"><li>A GIS-based Master Plan replaces traditional maps with digital, georeferenced layers. Using GIS software, planners can visualize, analyse, and update spatial data more accurately and efficiently.</li><li>Each component of the city — such as roads, buildings, green areas, drainage, utilities, and land use — is</li></ul>

	<p>represented as a separate digital layer linked with real geographic coordinates.</p>
Geo Coordinates	<ul style="list-style-type: none"> <li>• Geo-coordinates are the digital address of a location on Earth, defined by latitude and longitude, used in mapping, navigation, and building approval systems to pinpoint exact positions accurately.</li> <li>• A full geo-coordinate combines both latitude and longitude: <b>34.0837° N, 74.7973° E</b> This example points to a location in Srinagar, Jammu &amp; Kashmir.</li> </ul>
Digital Signatures (DSC)	<ul style="list-style-type: none"> <li>• A Digital Signature is a secure electronic signature that verifies the signer's identity and protects the document from alteration — widely used in online approvals, government systems, and e-Governance platforms.</li> </ul>
Validity of Digital Signatures	<ul style="list-style-type: none"> <li>• As per Section 5 of the IT Act, 2000, gives legal recognition to digital signatures, making them equivalent to handwritten signatures for all electronic records and online transactions in India.</li> </ul>
Digital Payments	<ul style="list-style-type: none"> <li>• A Digital Payment (also called electronic payment or cashless payment) is a transaction made electronically — without using physical cash or paper cheques.</li> <li>• It allows money to be transferred digitally between the payer and the receiver through online platforms, mobile apps, cards, or electronic systems.</li> </ul>
PDF content	<ul style="list-style-type: none"> <li>•  Adobe Acrobat Reader (External website that opens in a new window)</li> </ul>
Word files	<ul style="list-style-type: none"> <li>•  <a href="#">Word Viewer (in any version till 2004)</a>  - External website that opens in a new window</li> <li>• <a href="#">Microsoft Office Compatibility Pack for Word (for 2007 version)</a>  - External website that opens in a new window</li> </ul>
Excel files	<ul style="list-style-type: none"> <li>•  <a href="#">Excel Viewer 2004 (in any version till 2004)</a>  - External website that opens in a new window</li> <li>• <a href="#">Microsoft Office Compatibility Pack for Excel (for 2007 version)</a>  - External website that opens in a new window</li> </ul>
PowerPoint presentations	<ul style="list-style-type: none"> <li>•  <a href="#">PowerPoint Viewer 2004 (in any version till 2004)</a>  - External website that opens in a new window</li> <li>• <a href="#">Microsoft Office Compatibility Pack for PowerPoint (for 2007 version)</a>  - External website that opens in a new window</li> </ul>

Flash content	<ul style="list-style-type: none"><li>•  Adobe Flash Player (External website that opens in a new window)</li></ul>
Audio Files	<ul style="list-style-type: none"><li>•  <u>Windows Media Player</u>  (External website that opens in a new window)</li></ul>